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# KEY TECHNOLOGY (CHINA) LIMITED

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# **WELCOME TO KEY TECHNOLOGY (CHINA) LIMITED**

## **KEYBOARD PRODUCTION**

### **COMPANY PROFILE**

Key Technology (China) Limited designs, develops, manufactures, markets and sells a wide range of high quality, vandal-proof IP65 rated stainless steel keyboards, normal numeric keypads, metal PINPAD with DES/Triple DES and all kinds of industrial pointing devices for the usage in the most of industrial conditions or harsh outdoor environments. Especially, we have very professional quality advanced input devices with IP67/IP68 rated. All our range of professional products features various integral pointing devices such as touch pads, trackballs, mouse buttons and joysticks etc. Our range includes long travel, short travel, Metal-dome, Silicone Rubber, Stainless Steel vandal-proof, Flexible Membrane Keyboards.

Key Technology (China) Limited is with one-stop-shop for your requirements of products services in the areas of advanced industrial input devices. Satisfied Key Technology (China) Limited's customers include Finance, Aerospace, Chemicals/Petro, Food & Beverage, Medical/Healthcare, Telecom/Media, High Technology, Transportation-Automotive, Manufacturing, Utilities & Resources, Pulp and Paper - Government/Defense/Military, Universities and Academia, Museums/Public Displays and Miscellaneous industries.

So far, the below keyboard layouts are available now: Chinese (Traditional/Simplified)/English, Japanese, Korean, Nepali, Arabic, Hebrew, Farsi, English (US and UK), Finnish, Norwegian, Swedish, Swiss, Portuguese, German, Dutch, Danish, French, Greek, Spanish, Belgium, Azerbaijan, Bulgarian, Romanian, Russian, Ukrainian, Hungarian, Turkish, Slovakian, Slovenian, Czech, Croatian, Latvian, Polish, Kazakstan, Estonian, etc... any customized key layouts/languages are available per customer's requirements.

"Active, positive, and works as a team" is a special attribute of the people in Key Technology (China) Limited. The purpose of the operation of the company is to "create value", which is the "creation of customer value, creation of employee value, and the creation of shareholder value". The principle of business is basing on "Righteousness, Integrity, Diligence and Thrift", which stands as our guideline of conduct in the future.

One of the key elements to Key Technology (China) Limited success is its never-ending pursuit of superior quality in all its endeavors. To exist as a market leader in a global competitive marketplace, Key Technology (China) Limited believes in the total quality management philosophy. As a means for continuous improvement, total employee participation in quality improvement & customer satisfaction. Its concept of quality addresses people, processes and products.

Over the past years, we have been adapting to newer and better quality standards that helped us effectively tie quality with business goal, leading to customers and employees satisfactions.

By doing so, Key Technology (China) Limited is moving towards a global technology firm with an optimistic long future.

### **VISION AND MISSION**

#### **VISION STATEMENT**

"Together we create the enterprises of tomorrow"

#### **MISSION STATEMENT**

"To provide world-class industrial products, technology solutions and services to enable our customers to serve their customers better"

#### **QUALITY POLICY**

We deliver defect-free products, services and solutions to meet the requirements of our external and internal customers, the first time, every time.

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# BACKLIGHT/ILLUMINATED

## IP65 VANDAL PROOF STAINLESS STEEL INDUSTRIAL BACKLIGHT KEYPAD AND KEYBOARD

### MAIN FEATURE

- NVIS-compliant adjustable red backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary;
- Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.
- Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to IP65 protection from top panel, rear aluminium plate with mounting holes easily & tightly mounting to enclosure or panel.
- An excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
- Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Complete electronic modules including controller in close consultation with our customers are available.
- PS/2, USB connection plug and play with PC via PC existing OS driver, no needing of install separate driver.

### MECHANICAL DATA

- Actuator/keys: super quality SUS304 brushed stainless steel
- Key top style: Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
- Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 100.0mm for space bar.
- Key travel: 2.0mm
- Actuation Force: 0.6 N+/-0.1N for key 14.0mm x 14.0mm (pressure point), 1.2 N+/-0.1N for key 14.0mm x 28.0mm (pressure point)
- Switch life: more than 10 million of operations.
- Front Plate: 1.5mm thickness super quality brushed stainless steel
- Back Plate: 3.0mm thickness brushed & oxidized aluminium

### ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 30mA
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC
- EN55022: 1988+A1:2000+A2:2003
- EN55024: 1988+A1:2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan > 5 years
- Switch Contact Material: Carbon-on-Gold key switch technology PCB.
- Interface: PS2, USB available
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

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## **ENVIRONMENTAL ADAPTABILITY**

- Operating temperature:-20°C to +60°C
- Storage temperature: -30°C to +70°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.
- Saline mist: 96 hours, IEC 60512-6
- Damp heat test at + 40°C: 21 days, IEC 60512-6
- Dry heat test at + 85°C: 10 days, IEC 60512-6

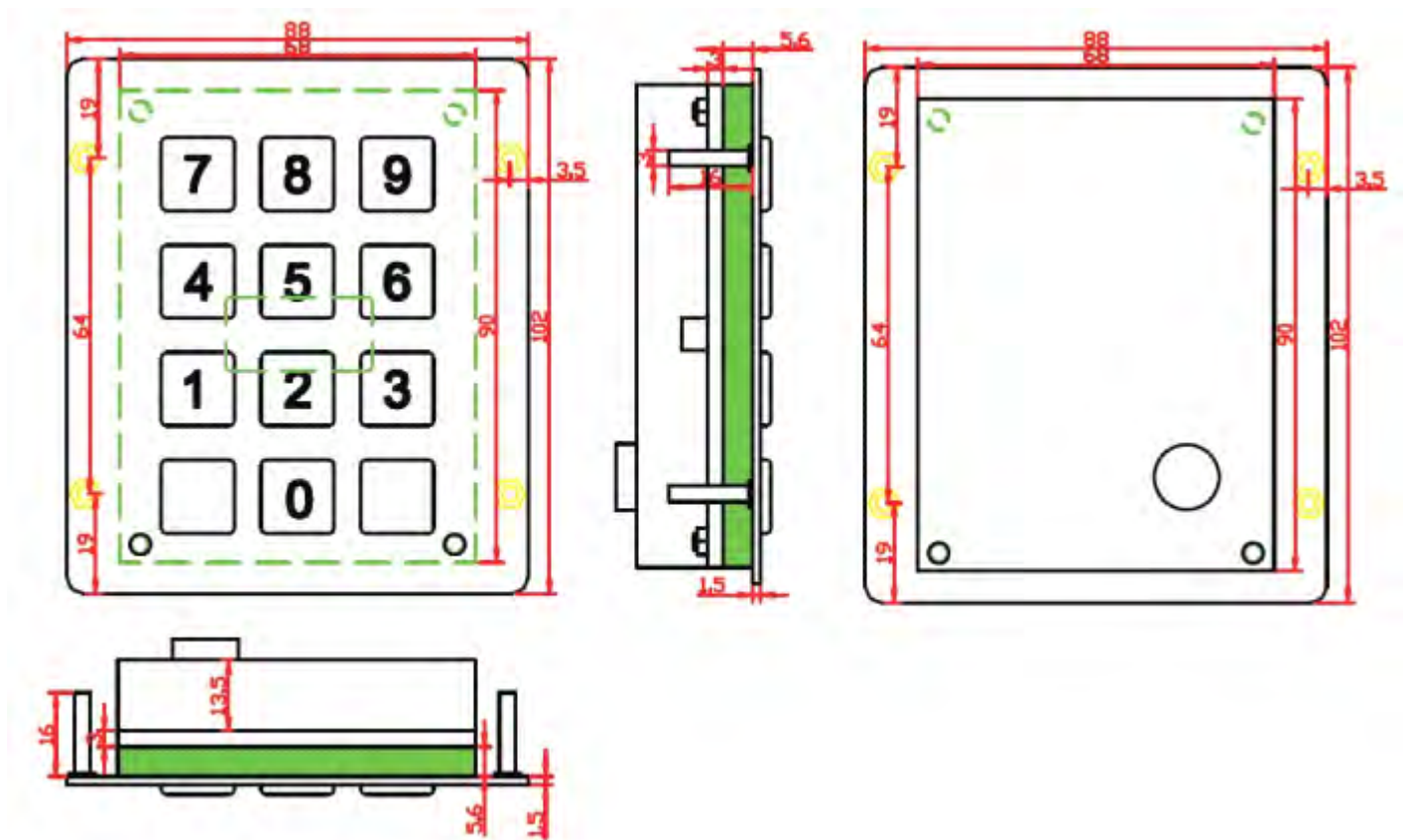
## **RELIABILITY**

- **RoHS Compliant, CE and FCC, ESD**
- **Protection Level: IP65(front panel)**
- **Vandal resistant IK09**
- Key Lifespan >10 million actuations
- MTBF >50000H
- MTTR <30min

## K-TEK-A88KP-BL

**DESCRIPTION:** 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with carbon-on-gold key switch technology for fast and accurate data input, top panel mounting. Backlight (red/blue/white/green) optional

**Dimensions:** 88.0mm x 102.0mm (front panel)





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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With carbon-on-gold key contact with long stroke 2.0mm, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 12 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9,\*, #. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Carbon-on-Gold.
- Actuation Force: 0.6N +/-0.1N (pressure point).
- Key Travel: 2.0mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 88.0mm x 102.0mm.
- G.W. 0.5KGs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

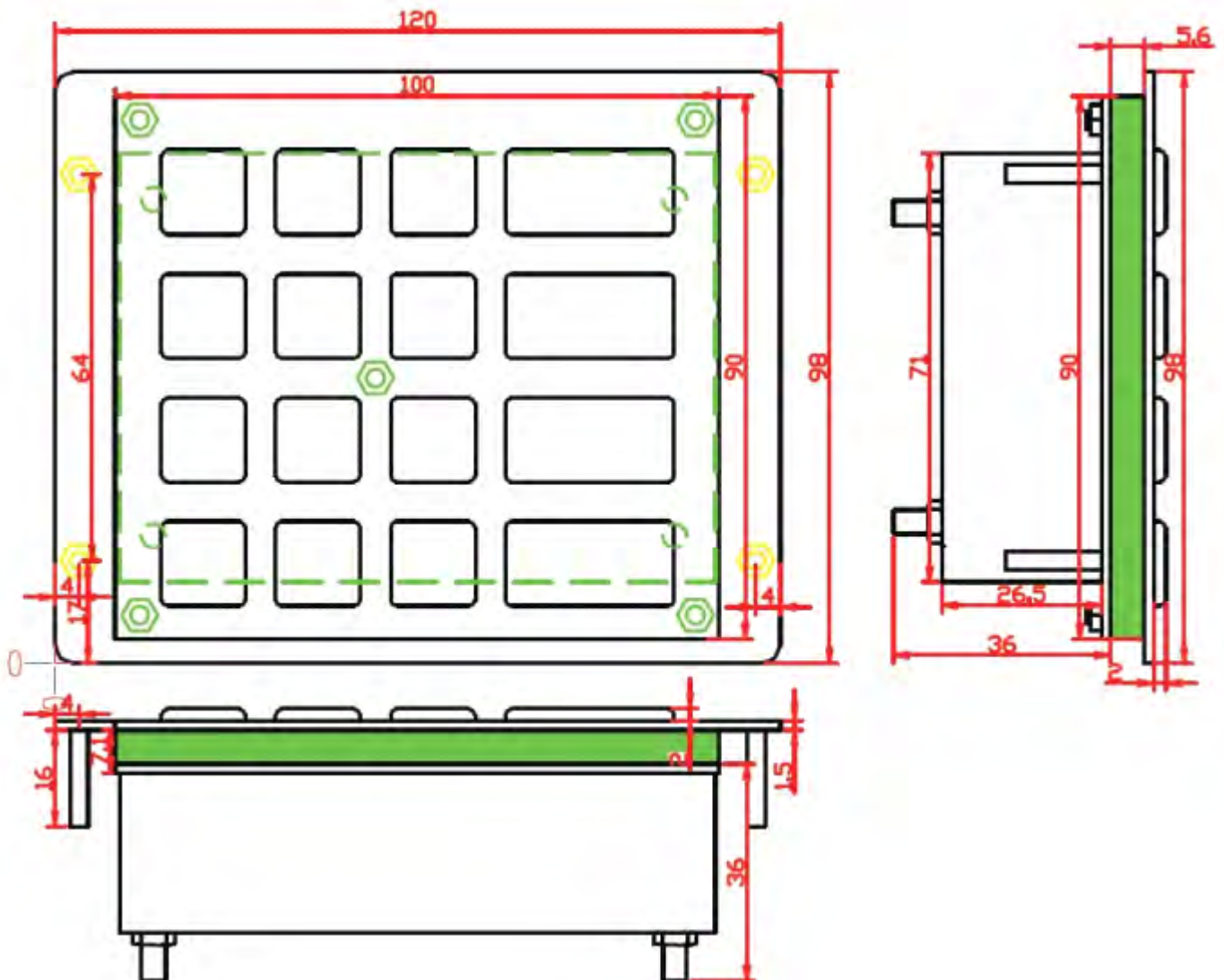
## RELIABILITY

- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK09
- Key Lifespan >10 million actuations.
- MTBF >50000H.
- MTTR <30min.

## K-TEK-A120KP-BL

**DESCRIPTION:** 16 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with carbon-on-gold key switch technology for fast and accurate data input, top panel mounting. Backlight (red/blue/white/green) optional

**DIMENSIONS:** 120.0mm x 98.0mm (Front Panel)



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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With carbon-on-gold key contact with long stroke 2.0mm, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 16 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Carbon-on-Gold.
- Actuation Force: 0.6N +/-0.1N (pressure point).
- Key Travel: 2.0mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 120.0mm x 98.0mm (Front Panel)
- G.W. 0.7KGs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

## RELIABILITY

- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK09
- Key Lifespan >10 million actuations.
- MTBF >50000H.
- MTTR <30min.

# K-TEK-A308-FN-BL

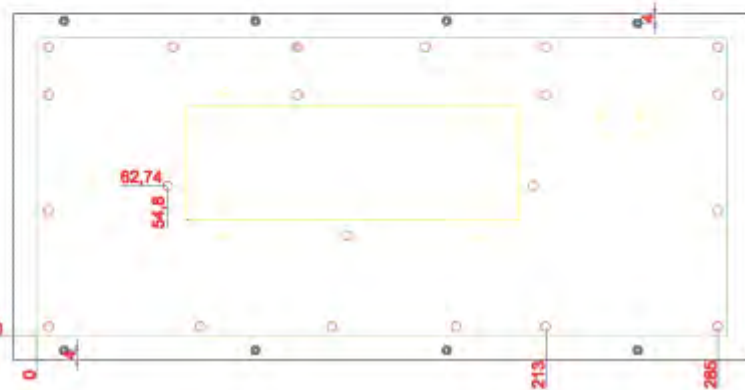
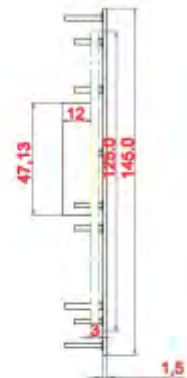
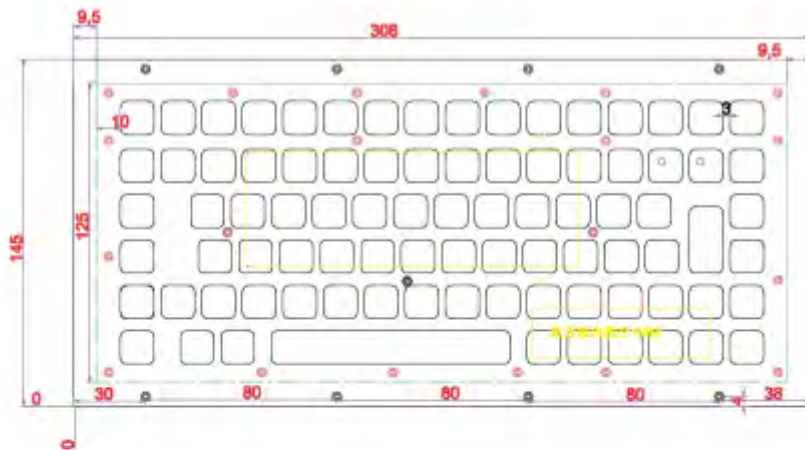
**DESCRIPTION:** 87 keys compact format vandal proof IP65 stainless steel industrial backlight keyboard with function keys, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, top stainless steel plate with threaded bolt for front mounting.

## APPLICATION

- This durable and black Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 87
- **G.W.:** 1.50 kgs
- **Dimensions:** 308.0mm x 145.0mm (front panel)



Product Name		IP Rated	
K-TEK-A308-FN-BL	Backlight Keyboard (Red, blue, white optional)	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			

## K-TEK-A343-CTB-BL

**DESCRIPTION:** 68 keys compact format vandal proof IP65 stainless steel keyboard with IP65 Static rated 38.0mm stainless steel chameleon trackball module with 400 DPI resolutions, with extremely smooth operation without noise, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, one complete silicone rubber along mounting aluminum plate for easy mounting & sealing with cabinet, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, rear panel mounting solution.

**DIMENSIONS:** 343.0mm x 105.0mm (front panel)

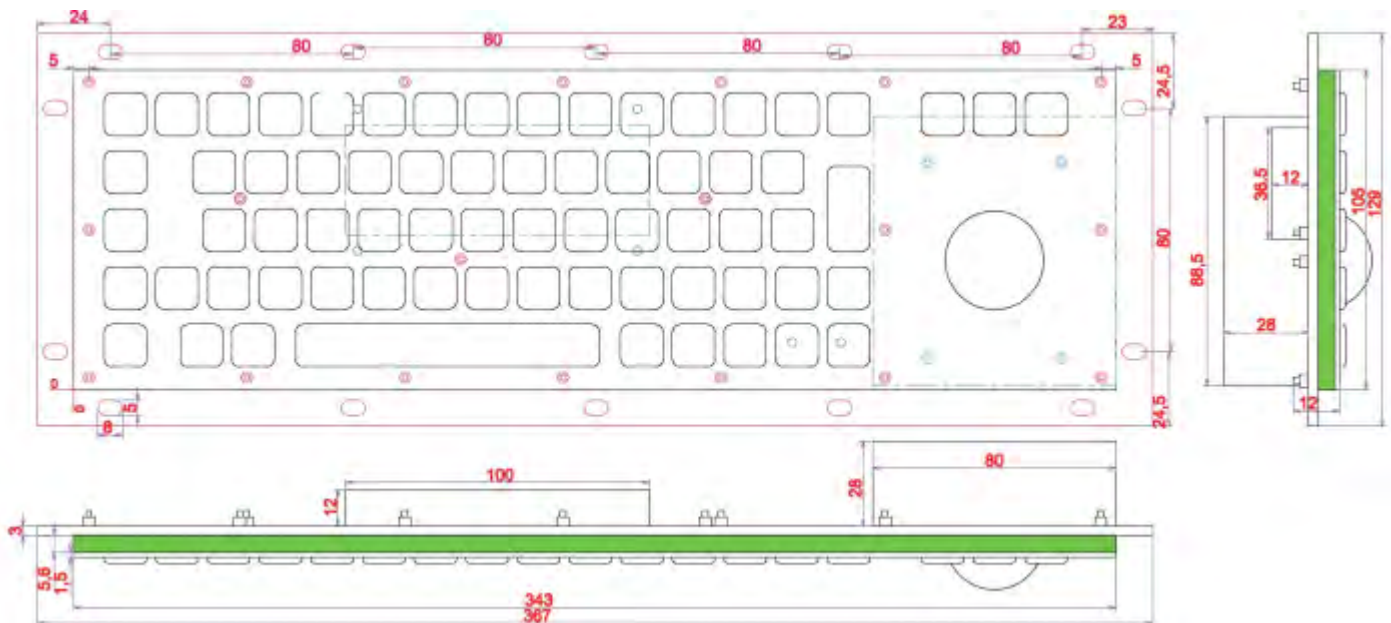
**APPLICATION**

- This durable and black Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATM), Internet public phones etc.



- **Number of Keys:** 69
- **G.W.:** 1.80 kgs
- **Dimensions:** 343.0mm x 105.0mm (top panel)

Product Name		IP Rated TB	
K-TEK-A343-CTB-BL	Backlight Keyboard; 400 DPI Touch Chameleon Trackball (Adjustable seven colors backlight)	PS/2;USB	IP65 Static
Other language versions/interfaces/configuration available on request			



# K-TEK-A361-CTB-BL

**DESCRIPTION:** 69 keys compact format vandal proof IP65 stainless steel keyboard with IP65 static 38mm trackball with touch changeable chameleon backlight, with 400 DPI resolutions, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, top panel mounting solution.

**DIMENSIONS:** 361.0mm x 125.0mm (front panel)

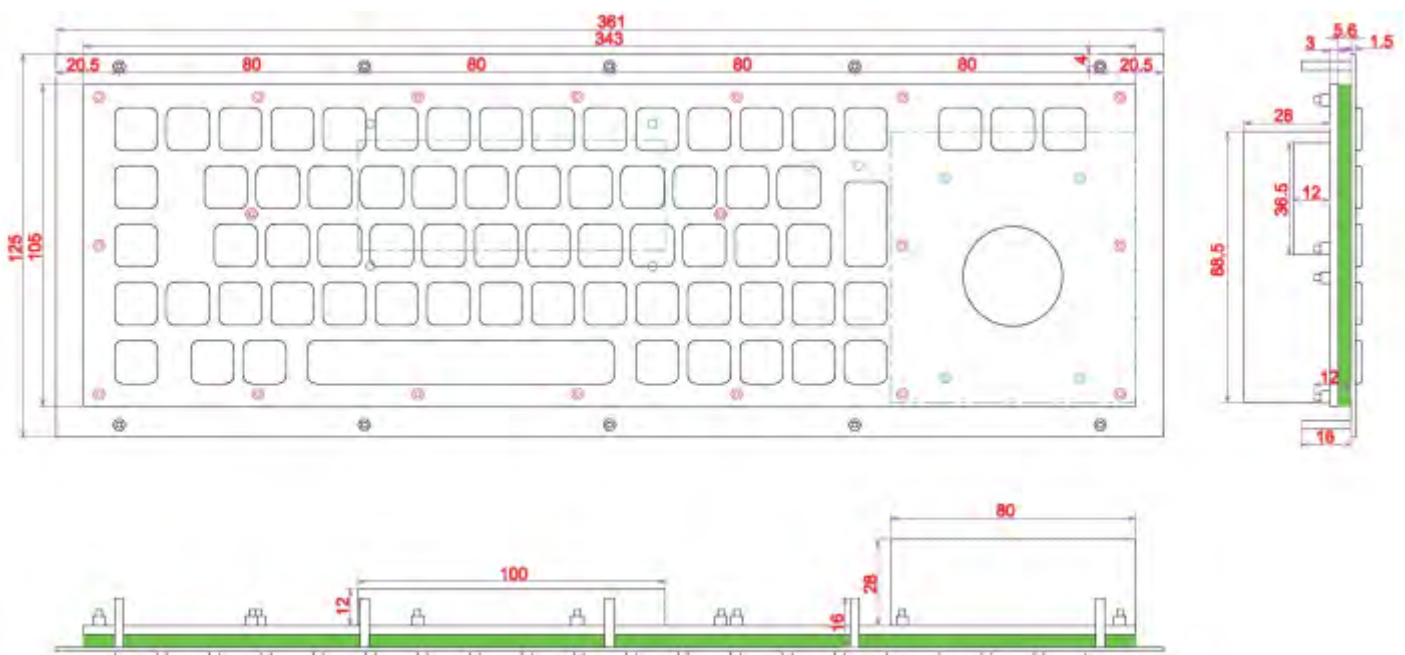
## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, banks, airports, railway-stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs/CDM), Internet public phones etc.



- **Number of Keys:** 69
- **G.W.:** 1.80 kgs
- **Dimensions:** 361.0mm x 125.0mm (front panel)

Product Name			IP Rated
K-TEK-A361-CTB-BL	Backlight Keyboard; 400 DPI Touch Chameleon Trackball (adjustable seven colors backlight);	PS/2;USB	IP65 Static
Other language versions/interfaces/configuration available on request			



# K-TEK-A392TB-KP-BL

**DESCRIPTION:** 84 Keys Compact Format Vandal Proof IP65 Stainless Steel Keyboard with 38mm trackball, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), with rear panel mounting solution, optional backlight. (Red, Green, Blue, White color ....).

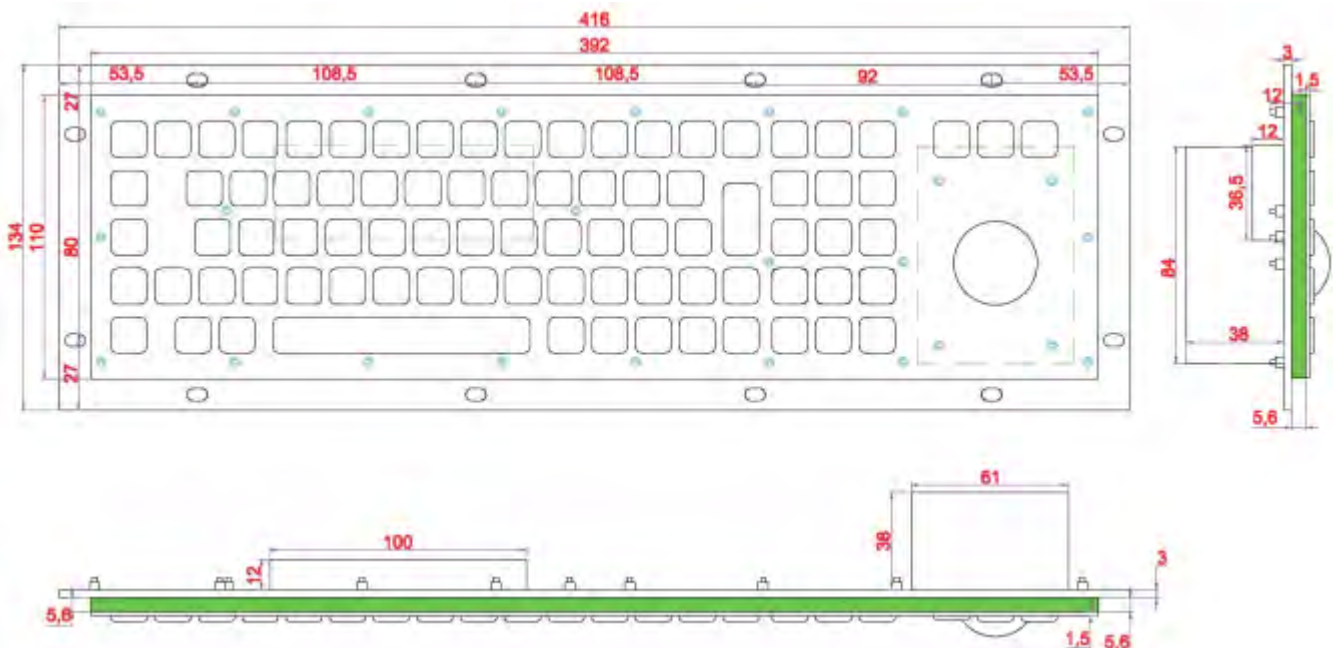
**DIMENSIONS:** 392.0mm x 110.0mm (top panel)

## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, banks, airports, railway-stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs/CDM), Internet public phones etc.



Product Name			IP Rated
K-TEK-A392-MTB-KP-BL	Backlight Keyboard; 400 DPI Mechanical Trackball (Red, Blue, Green, White...);	PS/2; USB	IP65 Static
K-TEK-A392-OTB-KP-BL	Backlight Keyboard; +800 DPI Optical Trackball (Red, Blue, Green, White...);	PS/2; USB	IP6 8 Dynamic
K-TEK-A392-LTB-KP-BL	Backlight Keyboard; +1200 DPI Laser Trackball (Red, Blue, Green, White...);	PS/2; USB	IP6 8 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-A420-CTB-KP-BT-BL

**DESCRIPTION:** 84 Keys Compact Format Vandal Proof IP65 Stainless Steel Keyboard with 38mm trackball, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), super quality durable Black Titanium Electroplated on stainless steel housing, with top panel mounting solution.,optional and adjustable backlight.

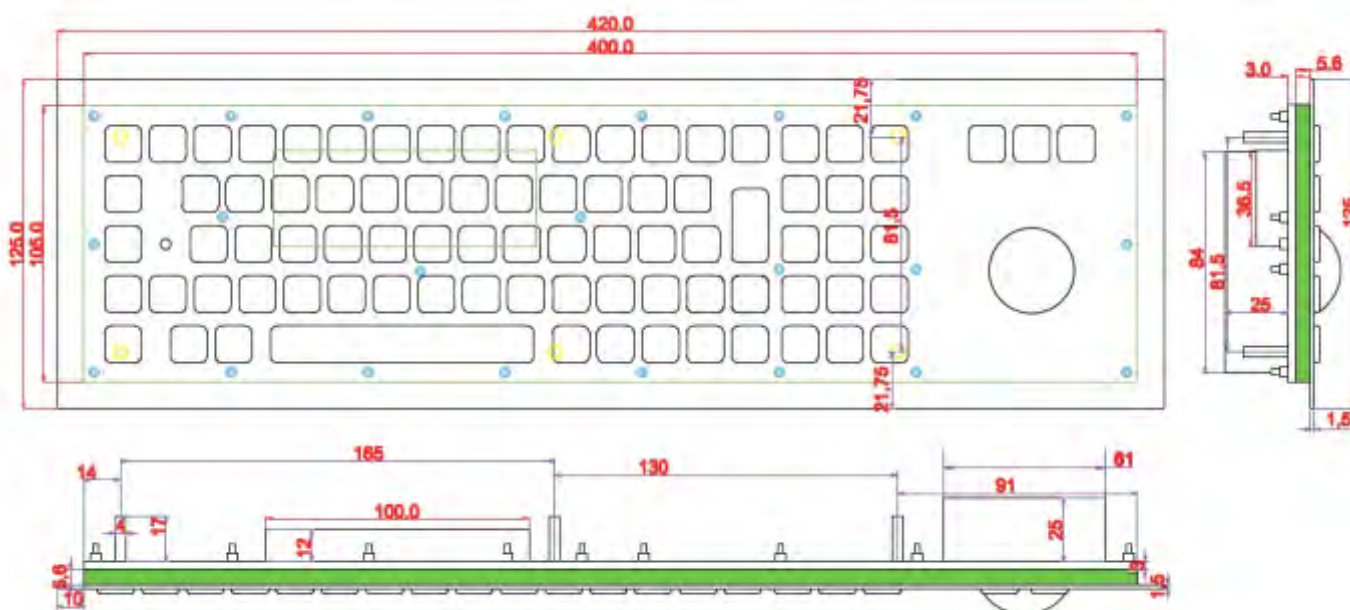
**DIMENSIONS:** 420.0mm x 125.0mm (top panel)

## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, banks, airports, railway-stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs/CDM), Internet public phones etc.



Product Name			IP Rated
K-TEK-A420-MTB-KP-BL-BT	Backlight Keyboard; 400 DPI Mechanical Trackball (Red,Blue,Green,White...);	PS/2;USB	IP65 Static
K-TEK-A420-OTB-KP-BL-BT	Backlight Keyboard; +800 DPI Optical Trackball (Red,Blue,Green,White...);	PS/2;USB	IP6 8 Dynamic
K-TEK-A420-LTB-KP-BL-BT	Backlight Keyboard; +1200 DPI Laser Trackball (Red,Blue,Green,White...);	PS/2;USB	IP6 8 Dynamic
K-TEK-A420-CTB-KP-BL-BT	Backlight Keyboard; 400 DPI Touch Chameleon Trackball (seven colors)	PS/2;USB	IP6 5 Static
Other language versions/interfaces/configuration available on request			





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# BLACK WIDOW

## STAINLESS STEEL KEYBOARD WITH ELECTROPLATED BLACK TITANIUM

### MAIN FEATURE

- Durable and scratch-proof Electroplated titanium black , adjustable Industrial Backlight technology optional,
- Strong polymer keys or stainless steel keys ensure the keyboard's resistance to be willful destruction, vandal proof, against corrosion, weatherproof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to degree of protection IP65 from the panel, the keyboard is sealed against the ingress of liquid and dirt, when mounted in a suitable enclosure.
- The keyboards have an excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation.
- Internet friendly key layout, key-tops are laser-etched or high quality ink print in legends and characters for easy readability, long life to prevent lettering rub-off.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Easily mounting into enclosure or panel, and is provided with PS/2, USB connection output cables that plug directly into the host computer for normal keyboard operations.
- Operational life of more than 10 million cycles per key.
- Resistant to most commonly used cleaning agents.
- Integral 38mm IP65 Mechanical trackball /IP68 washable optical trackball /IP65 chameleon trackball with left, middle & right mouse keys

### MECHANICAL DATA

- Key top style: Protuberant rectangular keys.
- Key Size: 11.4mm x 11.4mm for normal keys, 11.4mm x 20.9mm for enter key, 11.4mm x 64.8mm for space bar
- Key travel: 2.0mm
- Switch life: more than 10 million of operations.
- Lettering: Sunk laser legends & characters in high quality ink
- Actuator/keys materials: polymer or stainless steel

### ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 20mA
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC
- EN55022:1988+A1:2000+A2:2003
- EN55024: 1988+A1:2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan>5 years
- Switch Contact Material: Carbon-on-Gold key switch technology PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

### ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C
- Storage temperature: -30°C to +70°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.
- Saline mist: 96 hours, IEC 60512-6
- Damp heat test at + 40°C: 21 days, IEC 60512-6
- Dry heat test at + 85°C: 10 days, IEC 60512-6

### RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP65(front panel)**
- **Vandal resistant IK10**
- Key Lifespan >10 million actuations
- MTBF >50000H
- MTTR <30min

# K-TEK-A343TB-BT

**DESCRIPTION:** 66 keys Vandal proof IP65 compact format stainless steel keyboard with durable and scratch-proof electroplated titanium black, integrated 38mm trackball, carbon-on-gold key switch technology with long stroke 2.0mm, rear panel mounting solution.

## APPLICATION

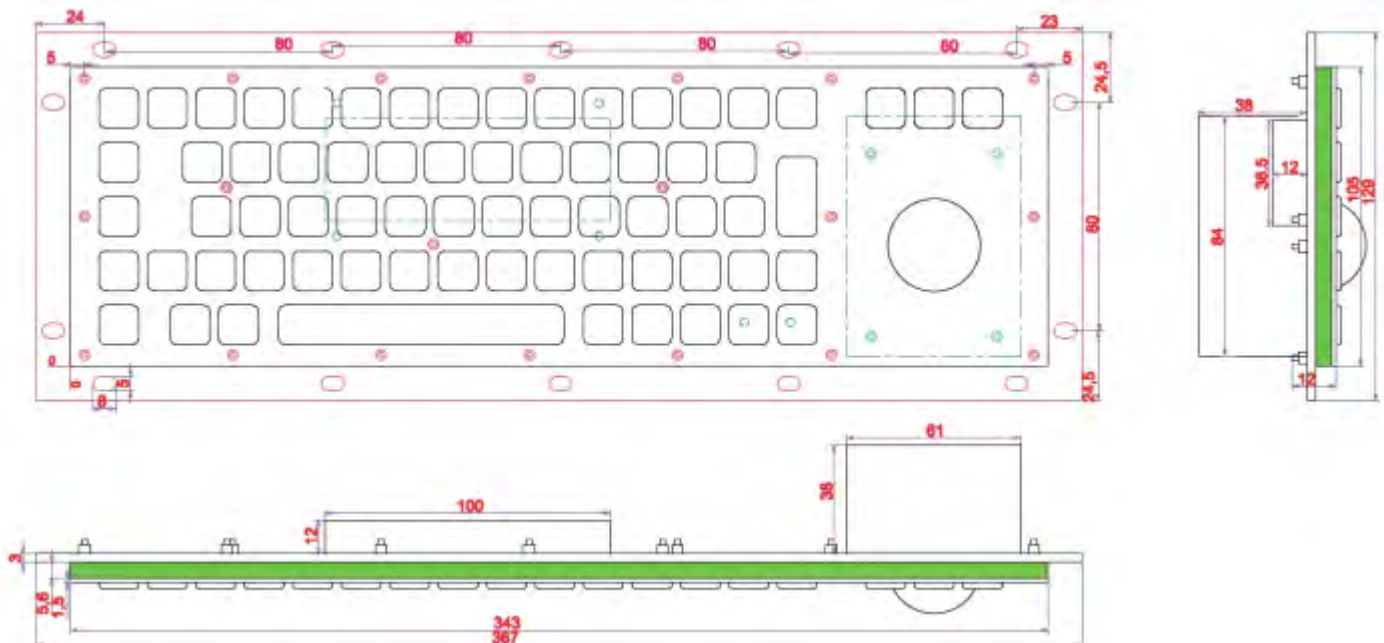
- This durable and black Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 69
- **G.W.:** 1.80 kgs
- **Dimensions:** 343.0mm x 105.0mm (top panel)

Product Name			IP Rated TB
K-TEK-A343-MTB-BT	Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-A343-CTB-BT	Keyboard; 400 DPI Touch Chameleon Trackball (Adjustable seven colors backlight); <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-A343-LTB-BT	Keyboard; 1200 DPI IP65 Laser Trackball; <b>Adjustable Industrial Backlight is optional</b>	PS/2;USB	IP68 Dynamic
K-TEK-A343-OTB-BT	Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable Industrial Backlight is optional</b>	PS/2;USB	IP68 Dynamic

Other language versions/interfaces/configuration available on request



# K-TEK-A361TB-BT

**DESCRIPTION:** 66 keys Vandal proof IP65 compact format stainless steel keyboard with durable and scratch-proof electroplated titanium black, integrated 38mm trackball, carbon-on-gold key switch technology with long stroke 2.0mm, top panel mounting solution.

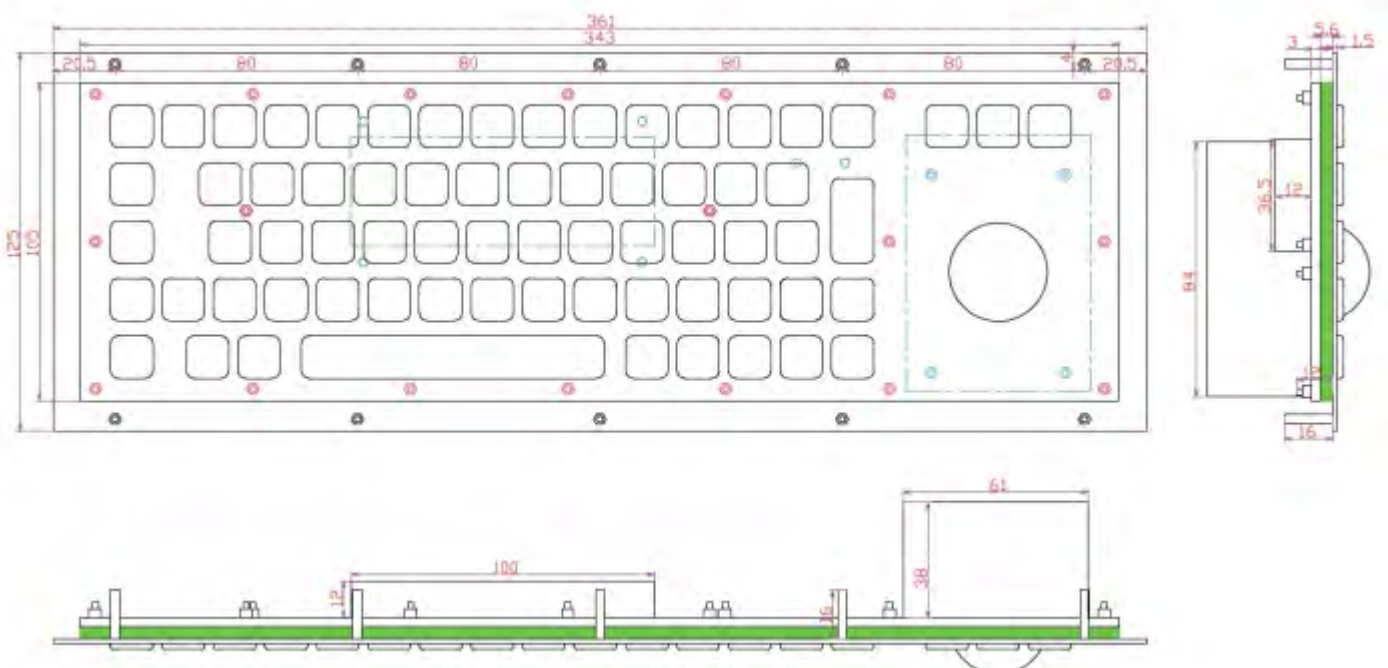
## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 69
- **G.W.:** 1.80 kgs
- **Dimensions:** 361.0mm x 125.0mm (front panel)

Product Name			IP Rated
K-TEK-A361-MTB-BT	Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-A361-CTB-BT	Keyboard; 400 DPI Touch Chameleon Trackball (adjustable seven colors backlight); <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-A361-LTB-BT	Keyboard; 1200 DPI IP65 Laser Trackball; <b>Adjustable industrial Backlight is optional</b>	PS/2;USB	IP68 Dynamic
K-TEK-A361-OTB-BT	Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable Industrial Backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-A420TB-KP-FN-BT

**DESCRIPTION:** 97 Keys Compact Format Vandal Proof IP65 Stainless Steel Keyboard with full keyboard functionalities, with IP65 static 38.0mm mechanical trackball module with 400 DPI resolutions, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), function keys F1, F2..F10, F11, F12 are on the top panel for easy operation, with top panel mounting solution.

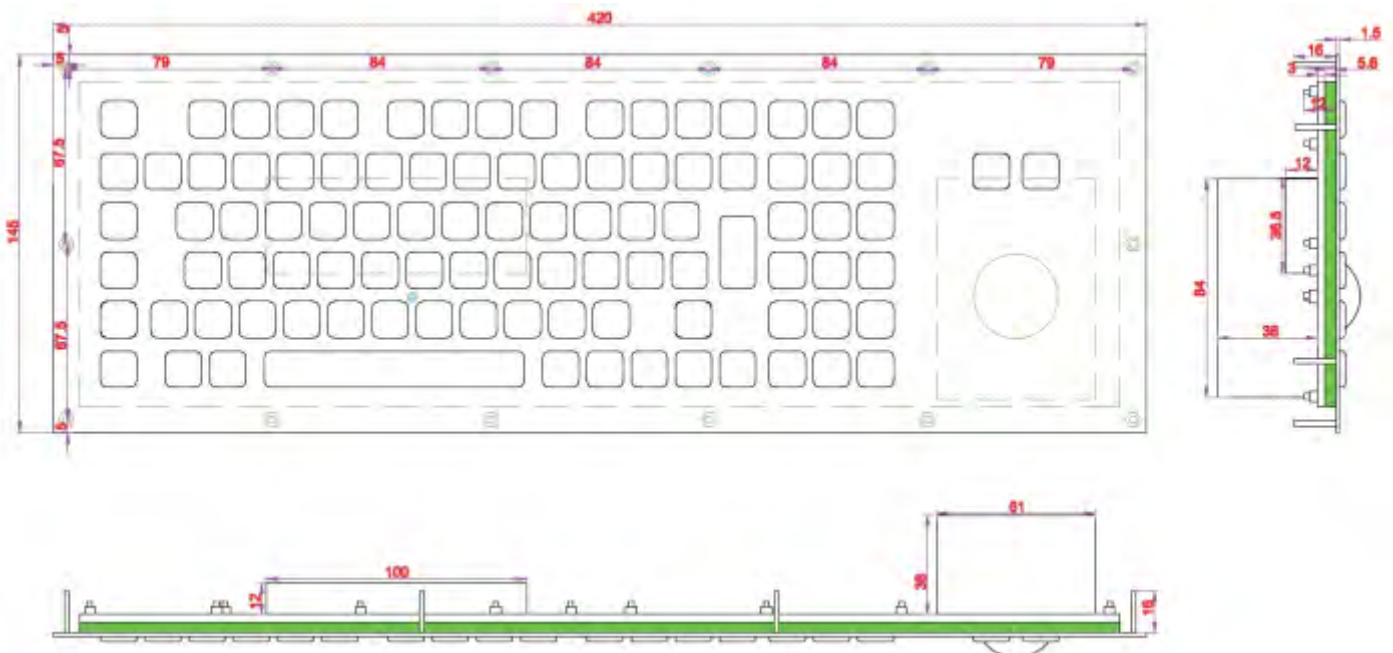
## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 97
- **G.W.:** 2.30 kgs
- **Dimensions:** 420.0mm x 145.0mm (front panel)

Product Classifications and Descriptions			IP Rated TB
<b>K-TEK-A420-MTB-KP-FN-BT</b>	Keyboard; IP65 static Mechanical Trackball Module with 400 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP65 static
<b>K-TEK-A420-LTB-KP-FN-BT</b>	Keyboard; IP68 dynamic Laser Trackball Module with 1200 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP68 dynamic
<b>K-TEK-A420-OTB-KP-FN-BT</b>	Keyboard; IP68 dynamic washable Optical Trackball Module with 800 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP68 dynamic



# K-TEK-A340KP-FN-DT-BT

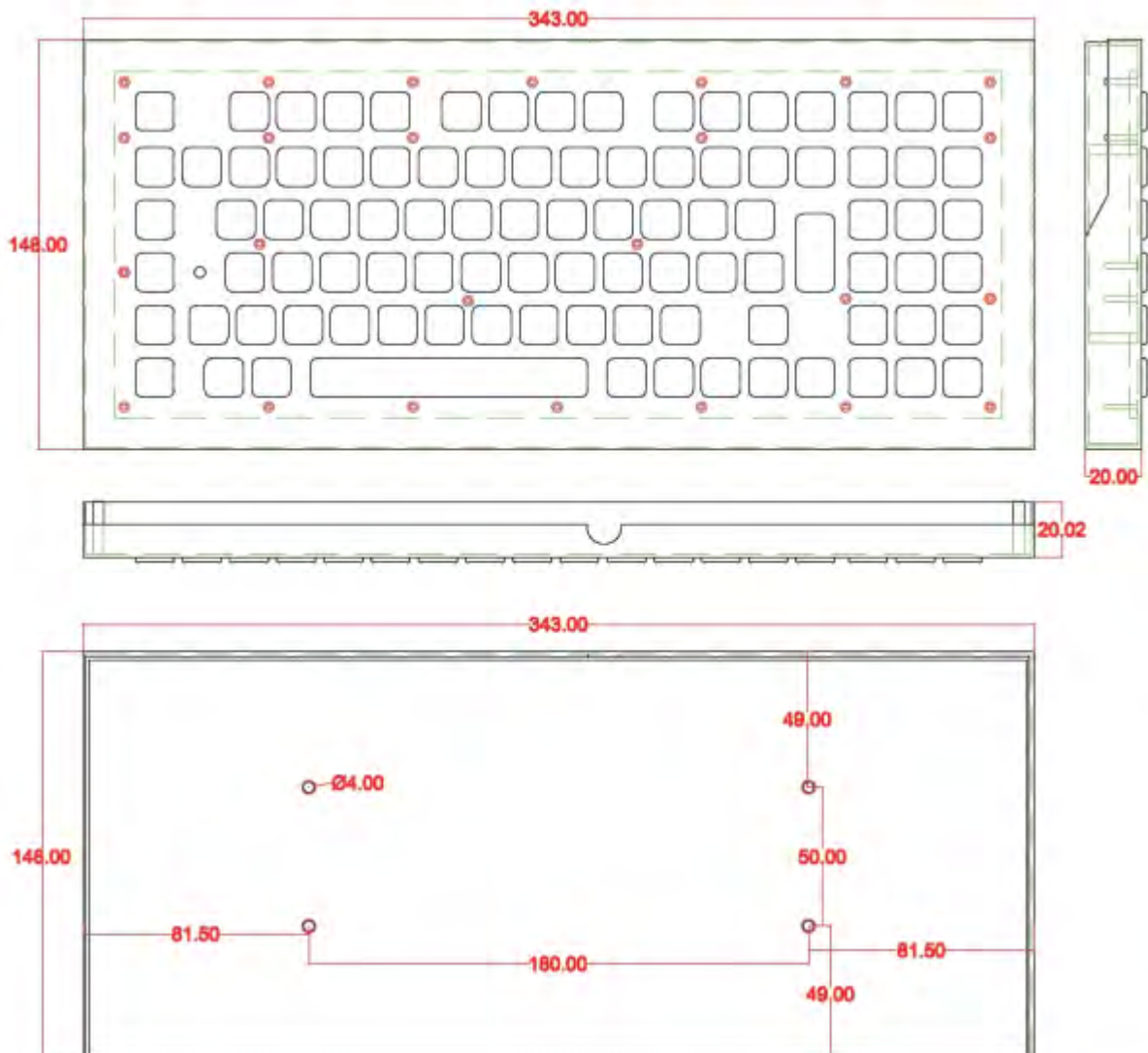
**DESCRIPTION:** 95 keys compact format vandal proof IP65 stainless steel keyboard with carbon-on-gold key switch technology with long stroke 2.0mm for fast and accurate data input, with integrated numeric keypad, function keys F1, F2..F10, F11, F12 are on the top panel for easy operation, super quality durable Black Titanium Electroplated on stainless steel housing, Stand alone desk top version.

## APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 95
- **G.W.:** 2.30 kgs
- **Dimensions:** 343.0mm x 148.0mm x 20.0mm (L x W x H)



## K-TEK- A111KP

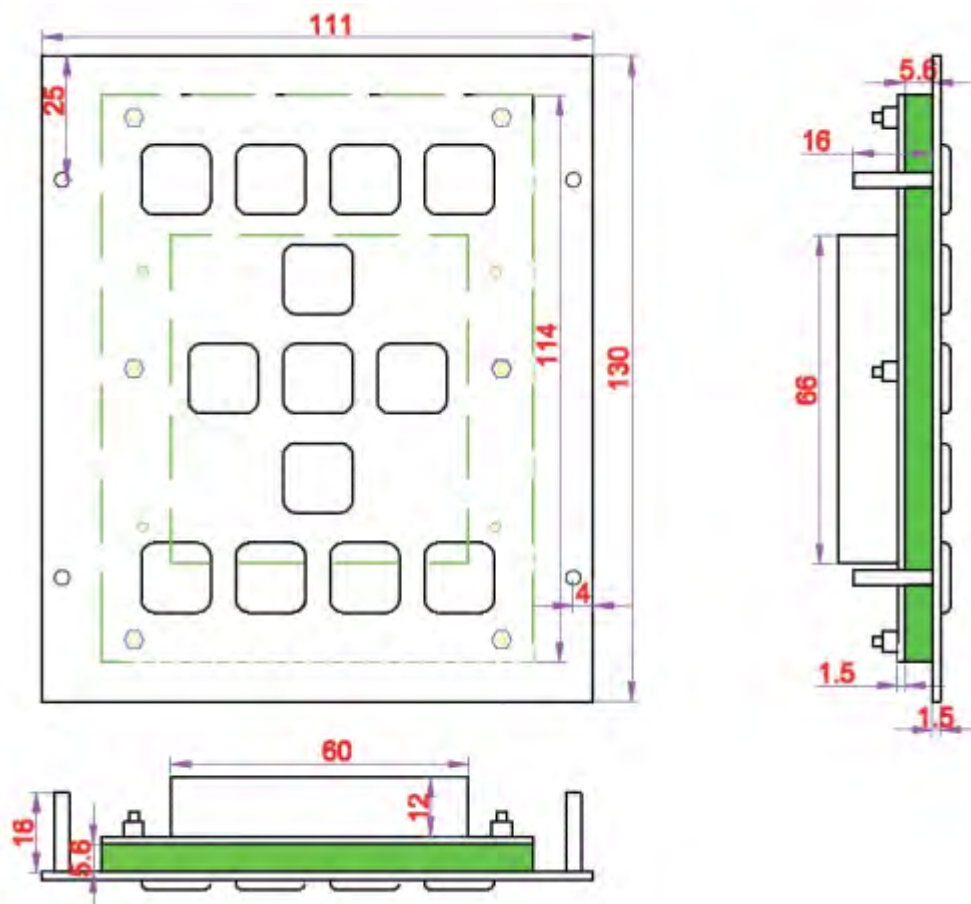
**DESCRIPTION:** 13 keys Vandal proof IP65 compact format stainless steel keyboard in durable and scratch-proof electroplated titanium black with industrial backlight, carbon-on-gold key switch technology with long stroke 2.0mm, top panel mounting solution.

### APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 13
- **G.W.:** 0.50 kgs
- **Dimensions:** 130.0mm x 111.0mm (top panel)



## K-TEK-M380TB-BT

**DESCRIPTION:** 71 keys vandal proof IP65 industrial & military keyboard with adjustable industrial backlight and 38.0mm trackball, with carbon-on-gold key switch technology with long stroke 2.0mm, high quality durable Electroplate Titanium Black on the top stainless steel plate, rear panel mounting solution, USB or PS2 interface.

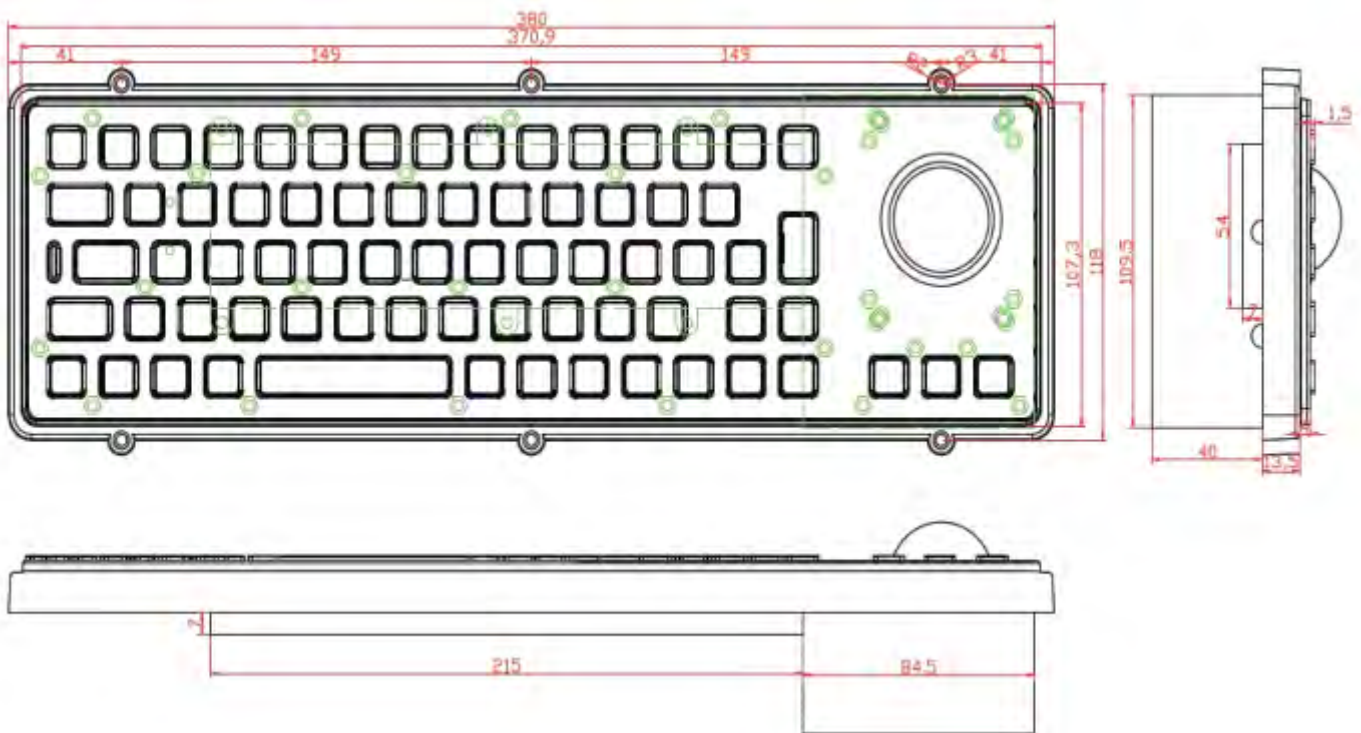
### APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application



- **Number of Keys:** 71
- **G.W.:** 2.00 kgs
- **Dimensions:** 380.0mm x 108.0mm(top panel)

Product Name			IP Rated Trackball
K-TEK-M380-MTB-BT	Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-BT	Keyboard; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-LTB-BT	Keyboard; 1200 DPI IP68 Laser Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP68 Dynamic
K-TEK-M380-OTB-BT	Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TB-FN-BT

**DESCRIPTION:** 85 keys vandal proof IP65 industrial and military keyboard with adjustable industrial backlight and 38mm IP68 dynamic washable stainless steel laser trackball module with 1200DPI resolutions, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

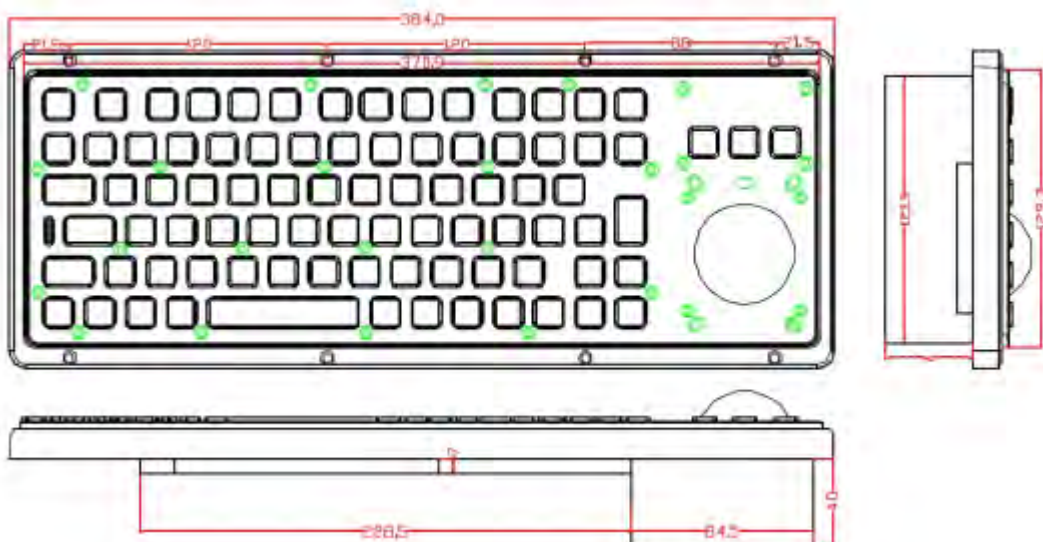
## APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 2.00 kgs
- **Dimensions:** 380.0mm x 129.5mm (top panel)

Product Name			IP Rated Trackball
K-TEK-M380-MTB-FN-BT	Keyboard; Function keys; 400 DPI Mechanical Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-FN-BT	Keyboard; Function keys; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-LTB-FN-BT	Keyboard; Function keys; 1200 DPI IP68 Laser Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP68 Dynamic
K-TEK-M380-OTB-FN-BT	Keyboard; Function keys; 800 DPI IP68 Optical Trackball; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			





# K-TEK-M380TB-FN-DT-BT

**DESCRIPTION:** 85 keys vandal proof IP65 movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and 38.0mm IP65 static mechanical trackball module with 400 DPI resolutions, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing (optional)

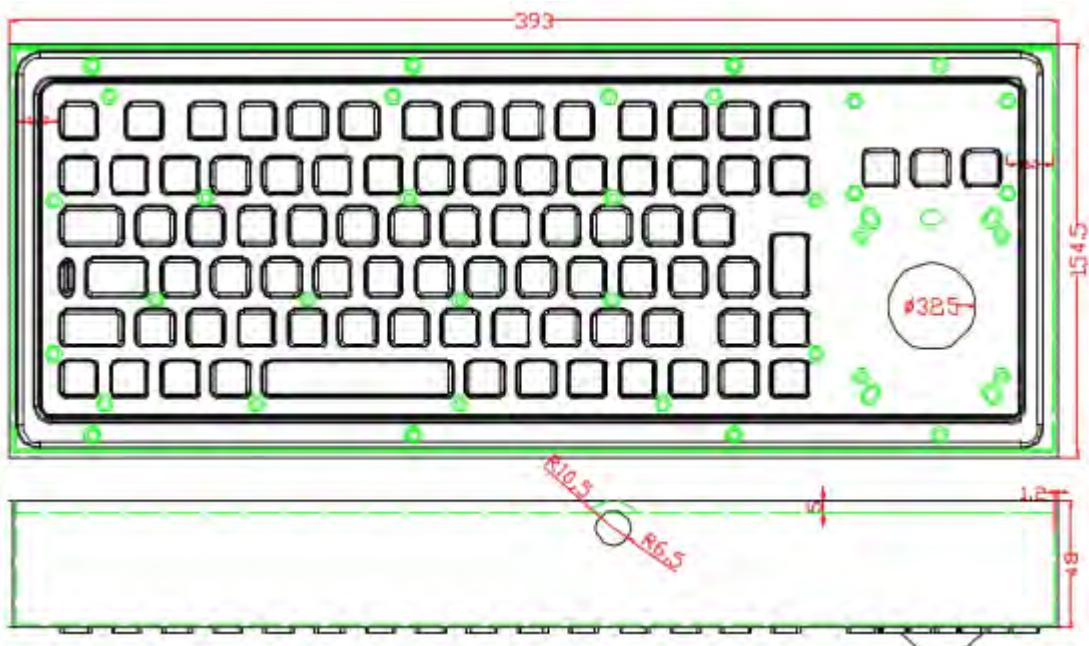
## APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 2.50 kgs
- **Dimensions:** 393.0mm x 155.0mm x 36.0mm (L x W x H)

Product Name			IP Rated Trackball
K-TEK-M380-MTB-FN-DT-BT	Keyboard; Function keys; 400 DPI Mechanical Trackball; stand lone desktop version; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-FN-DT-BT	Keyboard; Function keys; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); stand lone desktop version; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-OTB-FN-DT-BT	Keyboard; Function keys; 800 DPI IP68 Optical Trackball; stand lone desktop version; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TP-BT

**Description:** 71 keys vandal proof IP65 (dynamic) industrial and military keyboard with sealed & ruggedized tough touchpad, with adjustable industrial backlight (red/blue/white optional), with carbon-on-gold key switch technology with stroke 1.50mm, super quality durable Black Titanium Electroplated on the top stainless steel plate (optional), rear panel mounting.

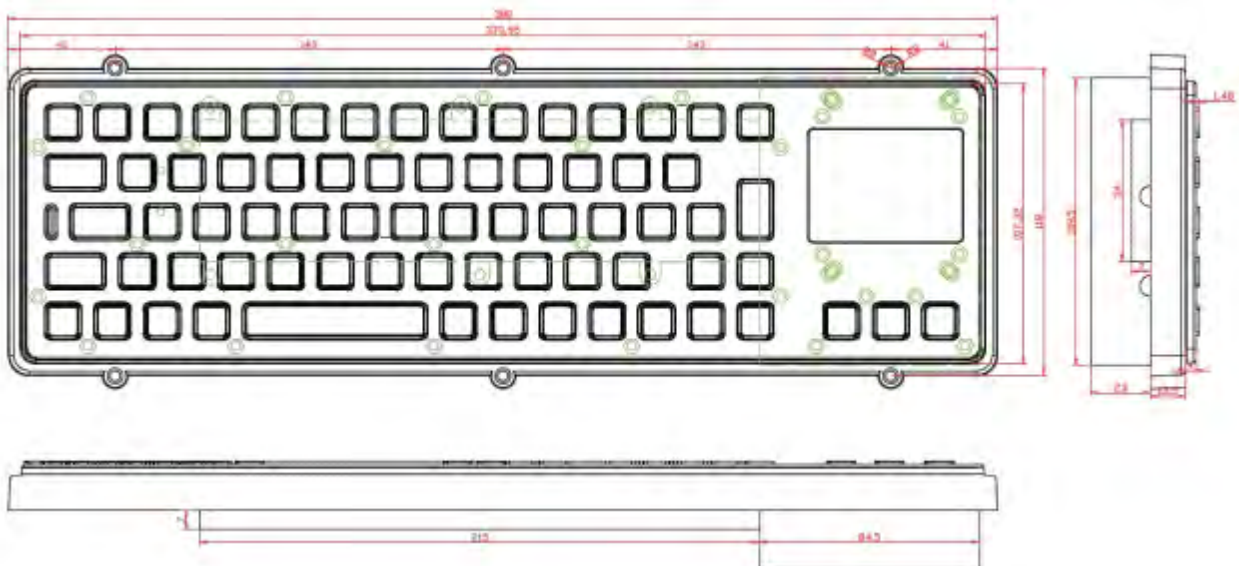
## APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant sealed and ruggedized tough touchpad makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W.:** 1.60 kgs
- **Dimensions:** 380.0mm x 108.0mm (top panel)

Product Name			IP Rated Touchpad
K-TEK-M380TP-BT	Keyboard; integrated ruggedized touchpad; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TP-FN-BT

**Description** 85 keys vandal proof IP65 industrial and military keyboard with adjustable industrial backlight, sealed & ruggedized tough touchpad, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

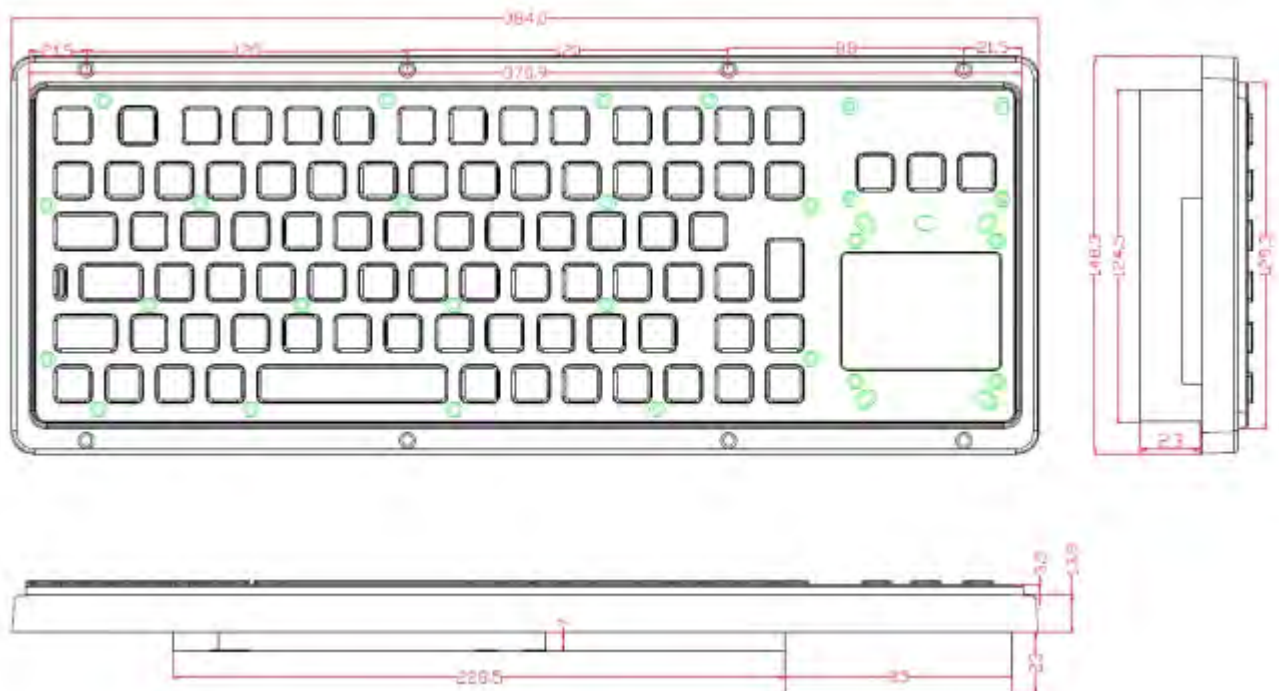
## APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant sealed and ruggedized tough touchpad makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 1.80 kgs
- **Dimensions:** 380.0mm x 129.5mm (top panel)

Product Name		IP Rated Touchpad	
K-TEK-M380TP-FN-BT	Keyboard; Function Keys; integrated ruggedized touchpad; <i>Adjustable Backlight is optional</i>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TP-FN-DT-BT

**DESCRIPTION:** 85 keys vandal proof IP65 movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and IP65 dynamic sealed and ruggedized tough touchpad, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing (optional)

## APPLICATION

- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force and so on.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front & back plates and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant sealed and ruggedized tough touchpad makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 2.20 kgs
- **Dimensions:** 393.0mmx154.4mmx23.0mm( LxWxH)

Product Name			IP Rated Touchpad
K-TEK-M380TP-FN-DT-BT	Keyboard; Function Keys; stand lone desktop version; integrated ruggedized touchpad; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M398KP-FN-BT

**DESCRIPTION:** 103 keys vandal proof IP65 (dynamic) industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with individual numeric keypad on the right side, CLEAN key to lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

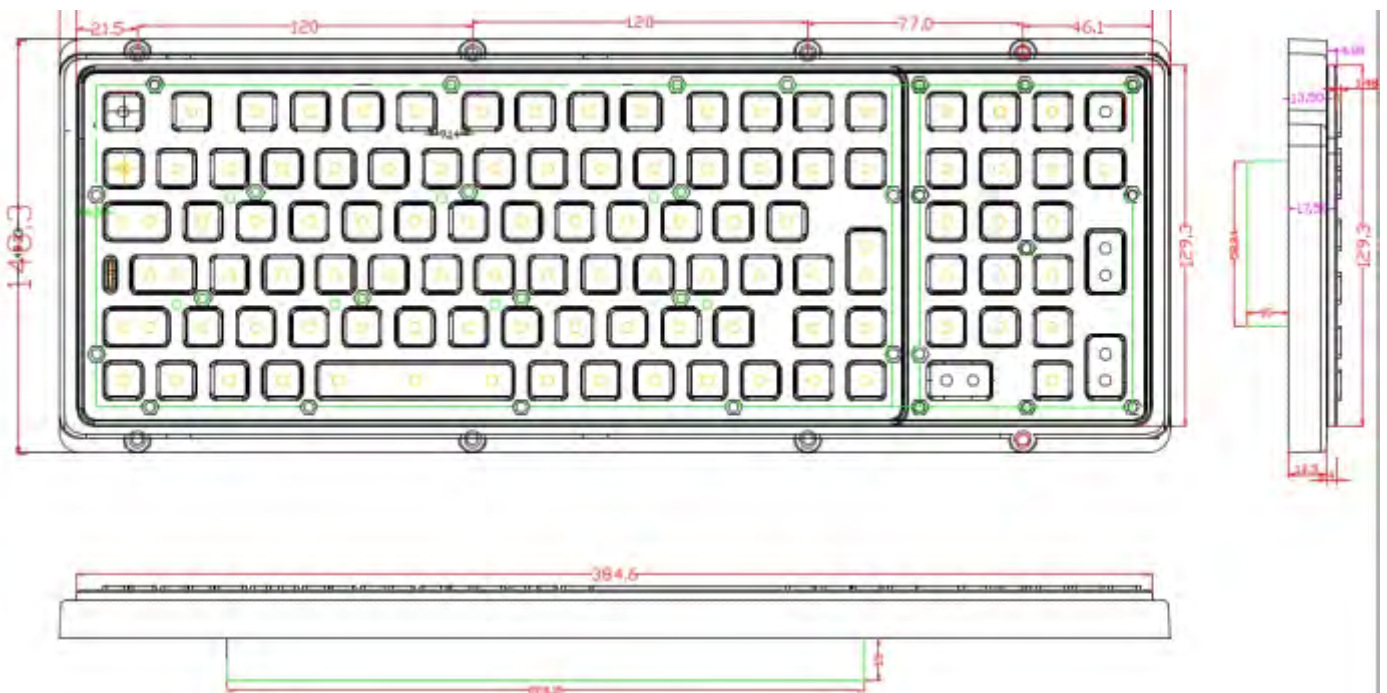
## APPLICATION

- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 103
- **G.W.:** 1.80 kgs
- **Dimensions:** 398.0mm x 129.5mm ( L x W )

Product Name			IP Rated
K-TEK-M398KP-FN-BT	Keyboard; keypad; Function Keys; <b>Adjustable industrial backlight is optional</b>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M460TB-KP-FN-BT

**DESCRIPTION:** 106 keys vandal proof IP65 (dynamic) industrial & military keyboard with full keyboard functionalities, with adjustable industrial backlight, integrated 38mm IP65 static mechanical trackball module with 400 DPI resolutions, numeric keypad and function keys (F1, F2...F11, F12) on the top line, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounting solution.

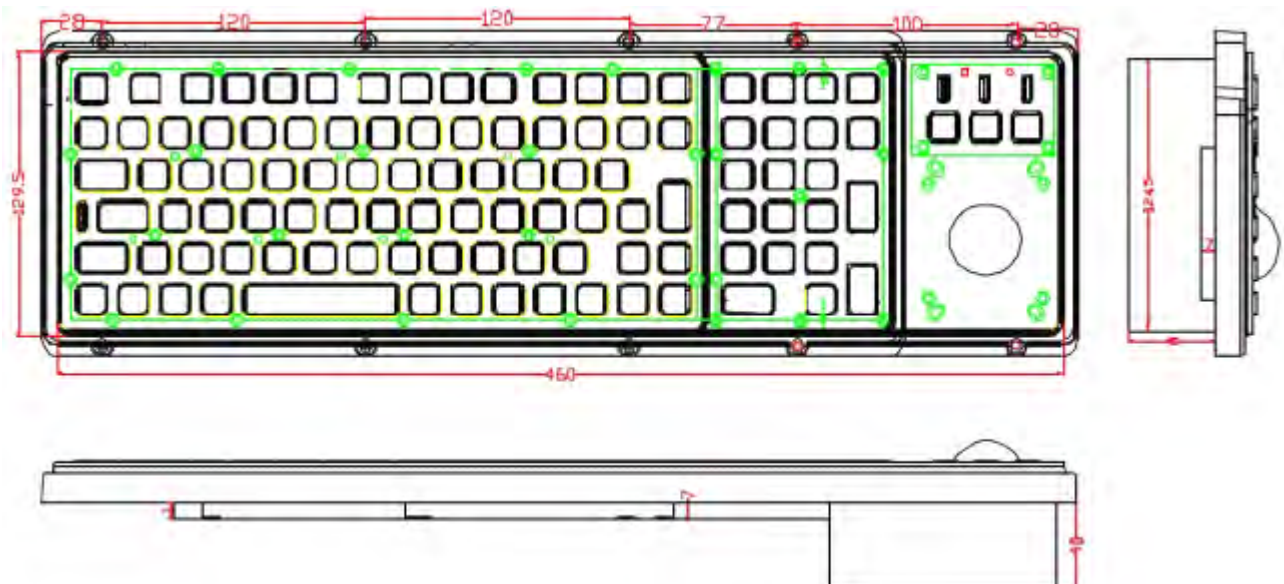
## APPLICATION

- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 2.50 kgs
- **Dimensions:** 460.0mm x 129.5mm (top panel)

Product Name			IP Rated Trackball
K-TEK-M460-MTB--KP-FN-BT	Keyboard; Function keys; keypad; 400 DPI Mechanical Trackball; <i>Adjustable industrial backlight is optional</i>	PS/2;USB	IP65 Static
K-TEK-M460-CTB--KP-FN-BT	Keyboard; Function keys; keypad; 400 DPI Touch Chameleon Backlight Trackball; <i>Adjustable industrial backlight is optional</i>	PS/2;USB	IP65 Static
K-TEK-M460-LTB--KP-FN-BT	Keyboard; Function keys; keypad; 1200 DPI IP68 Laser Trackball; <i>Adjustable industrial backlight is optional</i>	PS/2;USB	IP68 Dynamic
K-TEK-M460-OTB--KP-FN-BT	Keyboard; Function keys; keypad; 800 DPI IP68 Optical Trackball; <i>Adjustable industrial backlight is optional</i>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M460TP-KP-FN-BT

**DESCRIPTION:** 106 keys vandal proof IP65 (dynamic) industrial & military keyboard with full keyboard functionalities, with adjustable industrial backlight, integrated sealed & ruggedized tough touchpad, numeric keypad and function keys (F1, F2...F11, F12) on the top line, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounting solution.

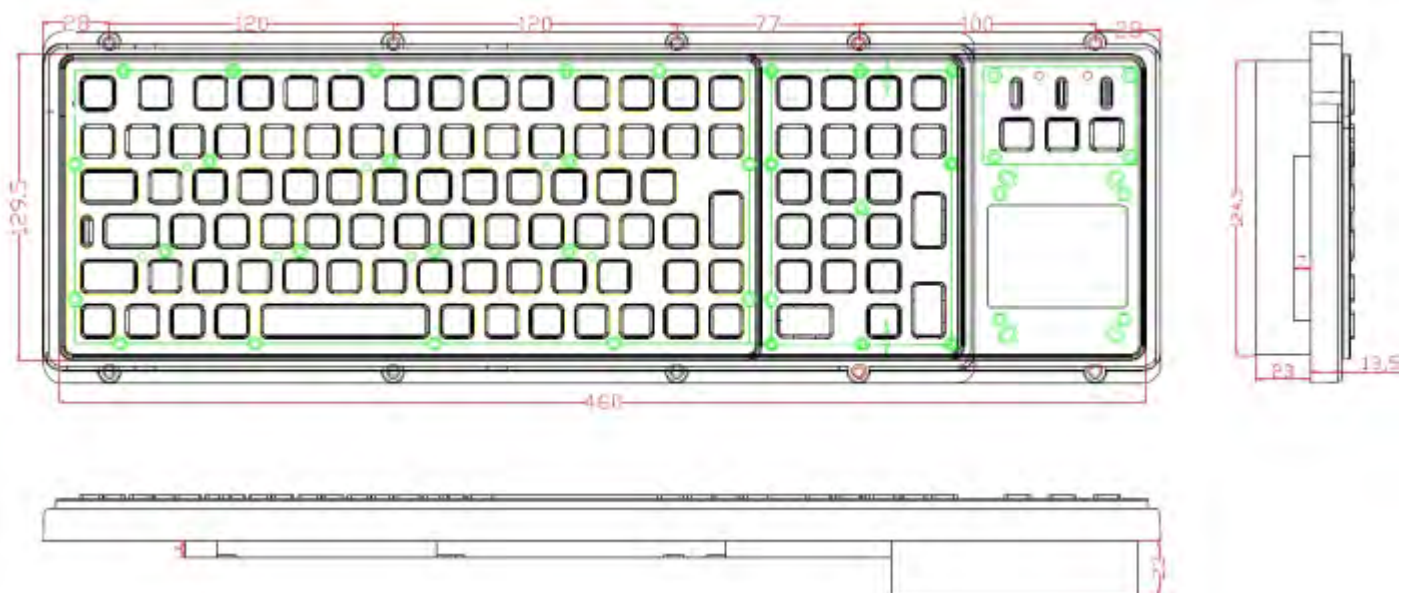
## APPLICATION

- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 2.20 KGs
- **Dimensions:** 460.0mm x 129.5mm (top panel)

Product Name			IP Rated Touchpad
K-TEK-M460TP-KP-FN-DT-BT	Keyboard; Function keys; keypad; integrated ruggedized touchpad; <i>Adjustable Backlight is optional</i>	PS/2;USB	IP65 dynamic
Other language versions/interfaces/configuration available on request			



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# MINI IP65 VANDAL PROOF STAINLESS STEEL KEYBOARD

## MAIN FEATURE

- Imposing **MINI** stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level. We design and manufacture complete electronic modules including controller in close consultation with our customers.
- Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to degree of protection IP65 from the panel, the keyboard is sealed against the ingress of liquid and dirt, when mounted in a suitable enclosure.
- The keyboards have an excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation.
- Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Easily mounting into enclosure or panel, and is provided with PS/2, USB connection output cables that plug directly into the host computer for normal keyboard operations.

## MECHANICAL DATA

- Key top style: Protuberant rectangular keys.
- Key Size: 10.0mm x 11.0mm for normal keys, 10.0mm x 20.0mm for enter key, and space bar keys.
- Key travel: 2.0mm
- Switch life: more than 10 million of operations.
- Lettering: Sunk laser legends & characters in high quality ink
- Actuator/keys materials: stainless steel

## ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 20mA
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC
- EN55022:1988+A1:2000+A2:2003
- EN55024: 1988+A1:2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan>5 years
- Switch Contact Material: Carbon-on-Gold key switch technology PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C
- Storage temperature: -30°C to +70°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.
- Saline mist: 96 hours, IEC 60512-6
- Damp heat test at + 40°C: 21 days, IEC 60512-6
- Dry heat test at + 85°C: 10 days, IEC 60512-6

## RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP65(front panel)**
- **Vandal resistant IK10**
- Key Lifespan >10 million actuations
- MTBF >50000H
- MTTR <30min



## K-TEK-B255-OTB

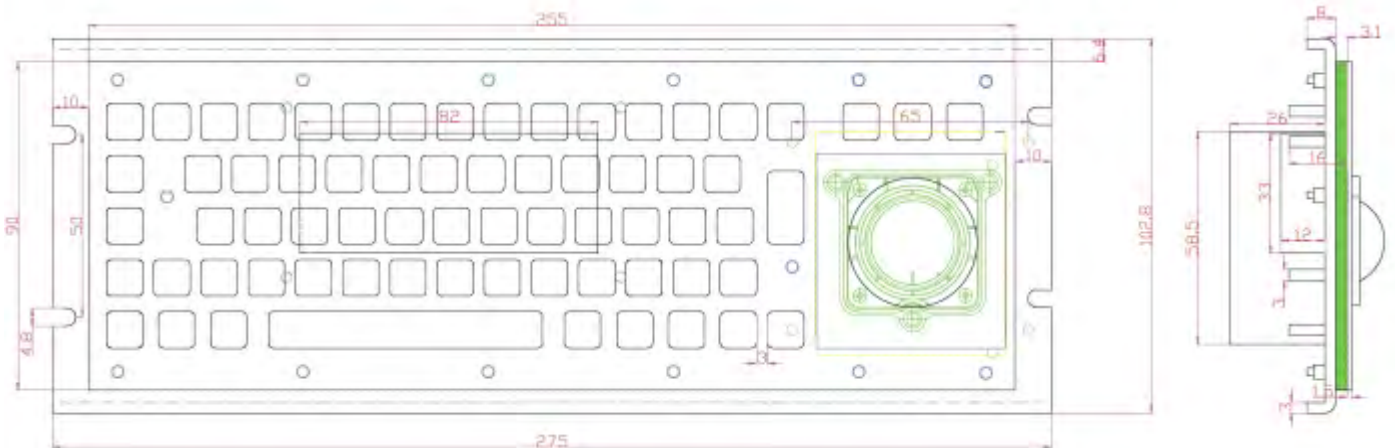
**DESCRIPTION:** MINI IP65 dynamic 68 keys compact format vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800 DPI resolutions, with extremely smooth operation without noise, and 3 mouse keys, with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, rear panel mounting.

### APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs), Internet public phones etc.



- **Number of Keys:** 68
- **G.W.:** 1.00 kgs
- **Dimensions:** 255.0mm x 90.0mm (front panel)



## K-TEK-B255-OTB-FN

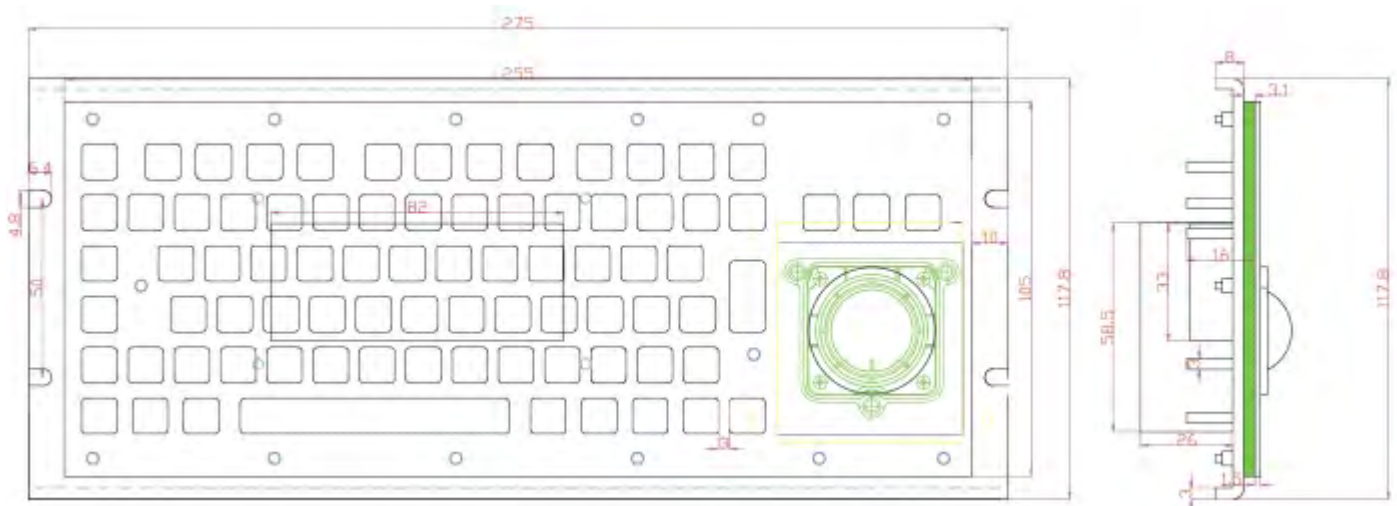
**DESCRIPTION:** MINI IP65 dynamic 81 Keys Compact Format Vandal Proof IP65 Stainless Steel Industrial Keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800 DPI resolutions, with extremely smooth operation without noise, metal dome PCB with gold-on-gold key switch technology with short stroke (0.45mm), function keys F1, F2..F10, F11, F12 are on the top panel for easy operation, with rear panel mounting solution .

### APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, banks, airports, railway-stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs/CDM), Internet public phones etc.



- **Number of Keys:** 81
- **G.W.:** 1.30 kgs
- **Dimensions:** 255.0mm x 105.0mm (top panel)



## K-TEK-B312-OTB-KP-FN

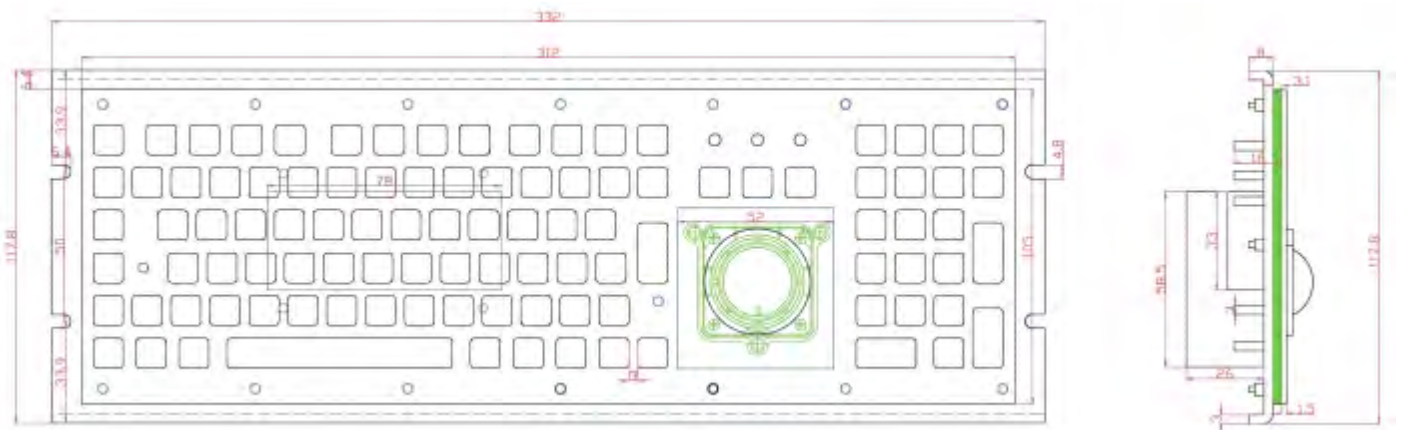
**DESCRIPTION:** MINI IP65 dynamic 102 Keys Compact Format Vandal Proof IP65 Stainless Steel Industrial Full keyboard functionalities Keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800 DPI resolutions, metal dome PCB with gold-on-gold key switch technology with short stroke (0.45mm), numeric keypad, function keys F1, F2..F10, F11, F12 are on the top panel for easy operation, with rear panel mounting solution

### APPLICATION

- This MINI Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, banks, airports, railway-stations and other public areas, ticket vending machines, gas stations, cash machines (ATMs/CDM), Internet public phones etc.
- 



- **Number of Keys:** 102
- **G.W.:**1.50 kgs
- **Dimensions:** 312.0mmx105.0mm(top panel)



## K-TEK-A293-OTB

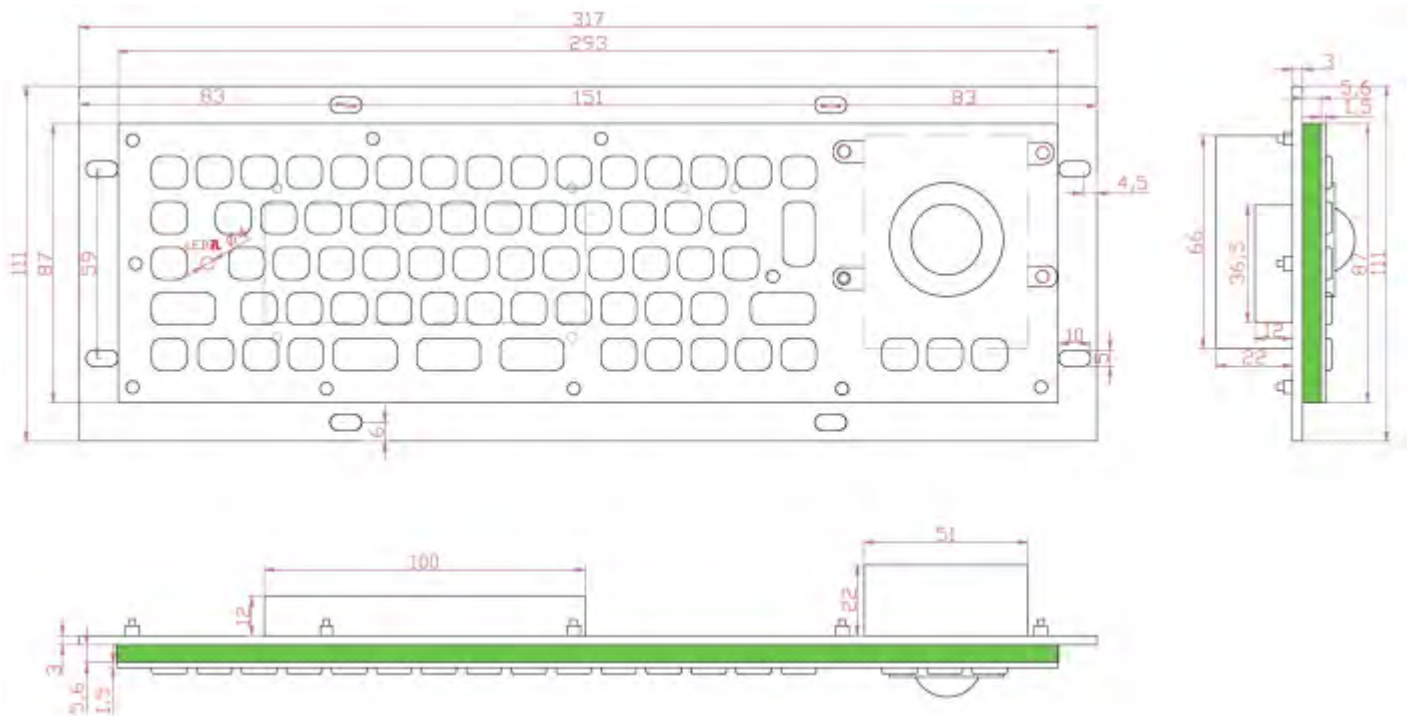
**DESCRIPTION:** MINI IP65 dynamic 71 keys Vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800 DPI resolutions, with extremely smooth operation without noise, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, one complete silicone rubber along mounting aluminum plate for easy mounting & sealing with cabinet, rear panel mounting solution

### APPLICATION

- This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, cash machines (ATM), Internet public phones etc.



- **Number of Keys:** 71
- **G.W.:** 1.00 kgs
- **Dimensions:** 293.0mm x 87.0mm (front panel)



## K-TEK-A300-OTB-FN

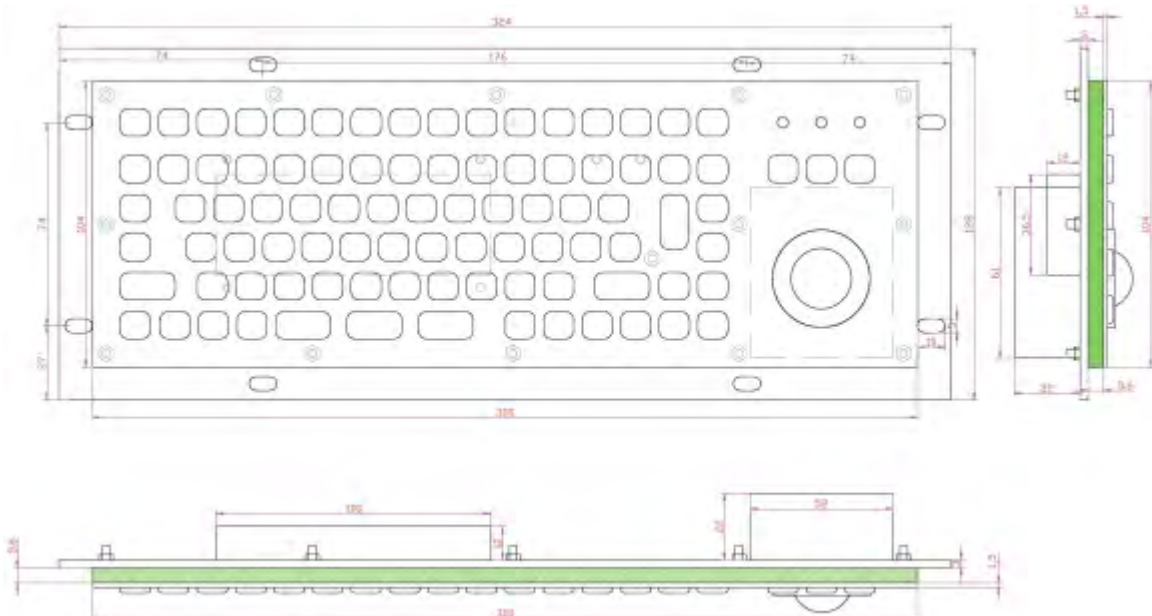
**DESCRIPTION:** MINI IP65 dynamic 89 keys Vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800 DPI resolutions, with extremely smooth operation without noise, function keys on the top line for easy operation, carbon-on-gold key switch technology with long stroke (2.0mm) for fast and accurate data input, one complete silicone rubber along mounting aluminum plate for easy mounting and sealing with cabinet, rear panel mounting solution.

### APPLICATION

- This MINI Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of MINI varied access applications, MINI internet terminals and MINI information kiosks at universities, shopping malls, hotels, airports, railway stations and other public areas, ticket vending machines, gas stations, MINI cash machines (ATM), Internet public phones etc.



- **Number of Keys:** 89
- **G.W.:** 1.30 kgs
- **Dimensions:** 300.0mm x104.0mm(front panel)





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# DARK ELF-IP65 VANDAL PROOF INDUSTRIAL & MILITARY KEYBOARD

## MAIN FEATURE

- **keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.**
- polymer keys ensure the keyboard's resistance to willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to degree of protection IP65 from the panel, the keyboard is sealed against the ingress of liquid and dirt, when mounted in a suitable enclosure.
- The keyboards have an excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
- Internet friendly key layout, key-tops are laser-etched or high quality ink print in legends and characters for easy readability, long life to prevent lettering rub-off.
- RFI / EMI Protection in accordance with current European and U.S. directives.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- They are provided with PS/2, USB connection output cables that plug directly into the host computer for normal keyboard operations.
- Operational life of more than 10 million cycles per key.
- Resistant to most commonly used cleaning agents.

## MECHANICAL DATA

- Key top style: Protuberant rectangular keys.
- Key Size: 11.4mm x 11.4mm for normal keys, 11.4mm x 20.9mm for enter key, 11.4mm x 64.8mm for space bar.
- Key travel: 2.0mm
- Switch life: more than 10 million of operations.
- Lettering: laser-etched or high quality ink print.
- Actuator/keys materials: polymer

## ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 30mA
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC
- EN55022:1988+A1:2000+A2:2003
- EN55024: 1988+A1:2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan>5 years
- Switch Contact Material: Carbon-on-Gold key switch technology PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C
- Storage temperature: -30°C to +70°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.
- Saline mist: 96 hours, IEC 60512-6
- Damp heat test at + 40°C: 21 days, IEC 60512-6
- Dry heat test at + 85°C: 10 days, IEC 60512-6

## RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP65(front panel)**
- **Vandal resistant IK10**
- Key Lifespan >10 million actuations
- MTBF >50000H
- MTTR <30min

# K-TEK-M380TB

**DESCRIPTION:** 71 keys vandal proof IP65 industrial keyboard & military with adjustable industrial backlight and 38.0mm trackball, with carbon-on-gold key switch technology with long stroke 2.0mm, high quality durable Electroplate Titanium Black on the top stainless steel plate, rear panel mounting solution.

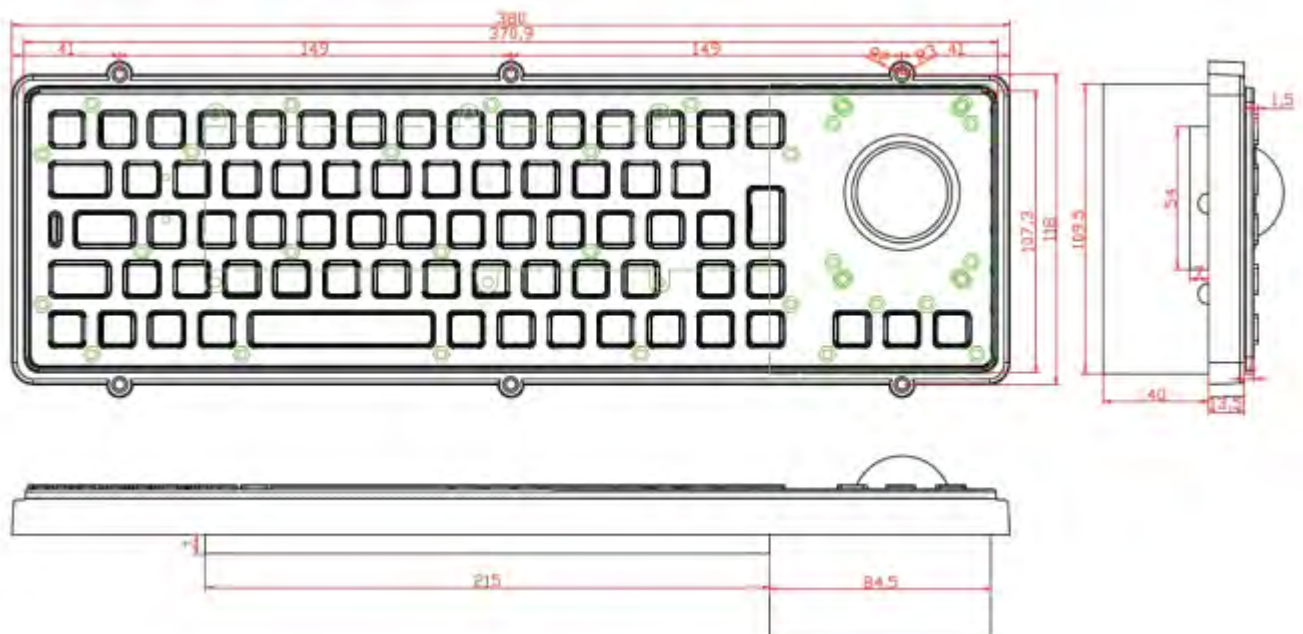
## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W.** 2.00 kgs
- **Dimensions:** 380.0mm x 108.0mm (top panel)

Product Name			IP Rated Trackball
K-TEK-M380-MTB	Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB	Keyboard; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-LTB	Keyboard; 1200 DPI IP68 Laser Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP68 Dynamic
K-TEK-M380-OTB	Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			





# K-TEK-M380TP

**DESCRIPTION:** 71 keys vandal proof IP65 industrial & military keyboard with adjustable industrial backlight and IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional), with carbon-on-gold key switch technology with stroke 1.50mm, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

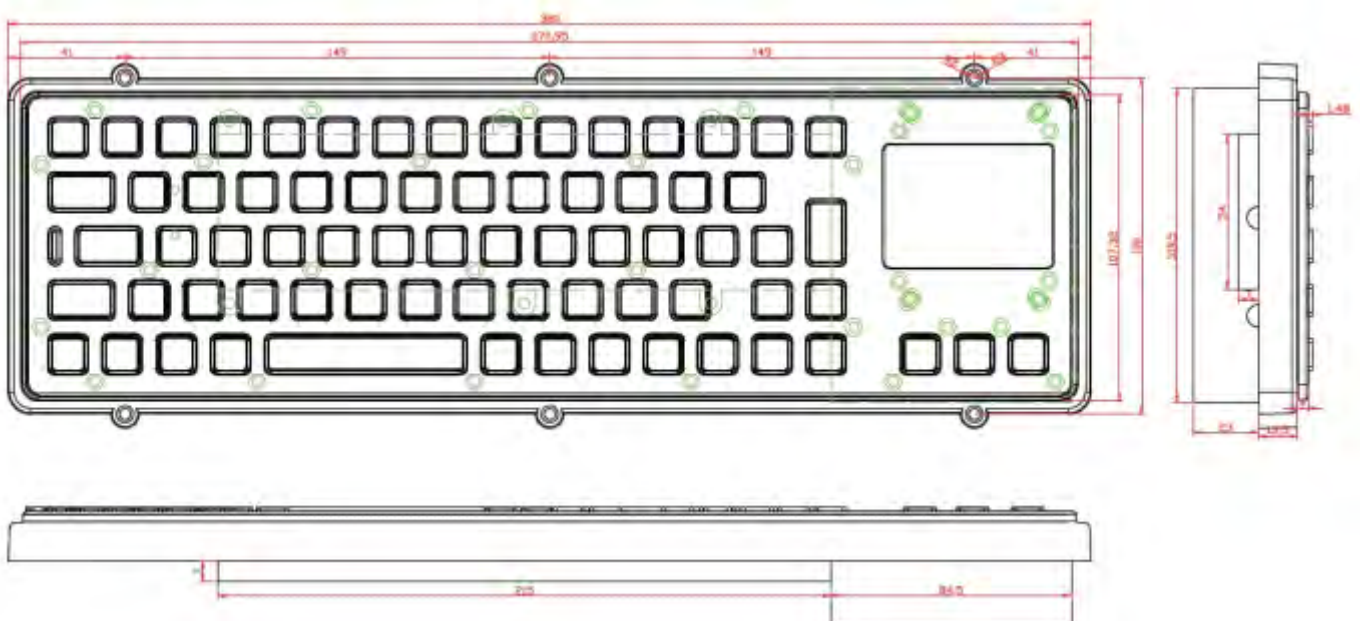
## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W.** 1.60 kgs
- **Dimensions:** 380.0mm x 108.0mm (top panel)

Product Name			IP Rated Touchpad
K-TEK-M380TP	Keyboard; integrated sealed & ruggedized touchpad; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TB-FN

**DESCRIPTION:** 85 keys vandal proof IP65 industrial and military keyboard with adjustable industrial backlight and integrated 38mm IP65 static mechanical trackball module with 400 DPI resolutions, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, USB interface, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.

- **Number of Keys:** 85
- **G.W.** 2.00 kgs
- **Dimensions:** 380.0mmx129.5mm (top panel)



Product Name			IP Rated Trackball
K-TEK-M380-MTB-FN	Keyboard; Function keys; 400 DPI Mechanical Trackball; <i>Adjustable Backlight is optional</i>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-FN	Keyboard; Function keys; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); <i>Adjustable Backlight is optional</i>	PS/2;USB	IP65 Static
K-TEK-M380-LTB-FN	Keyboard; Function keys; 1200 DPI IP68 Laser Trackball; <i>Adjustable Backlight is optional</i>	PS/2;USB	IP68 Dynamic
K-TEK-M380-OTB-FN	Keyboard; Function keys; 800 DPI IP68 Optical Trackball; <i>Adjustable Backlight is optional</i>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TP-FN

**DESCRIPTION:** 85 keys vandal proof IP65 industrial and military keyboard with adjustable industrial backlight, sealed & ruggedized tough touchpad, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

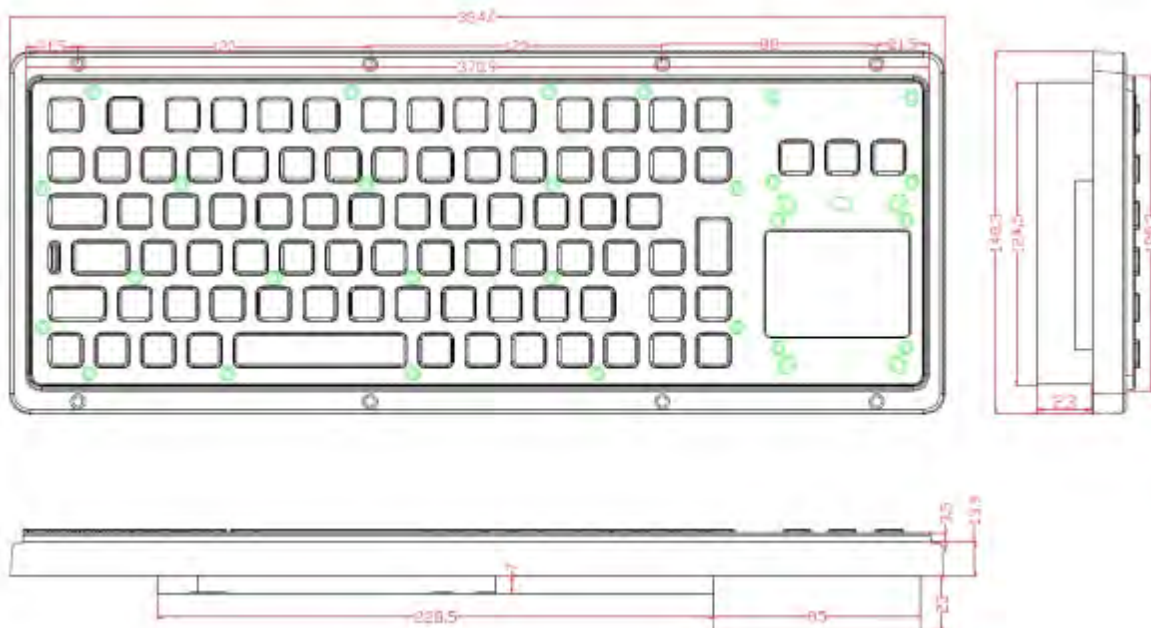
## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 1.80 kgs
- **Dimensions:** 380.0mm x 129.5mm (top panel)

Product Name			IP Rated
K-TEK-M380TP-FN	Keyboard; Function keys; integrated sealed & ruggedized touchpad; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-M298-FN

**DESCRIPTION:** 82 keys vandal proof IP65 (dynamic) industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with CLEAN key to lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 82
- **G.W.:** 1.20 kgs
- **Dimensions:** 298.0mm x 129.5mm (top panel)



## K-TEK-M398KP-FN

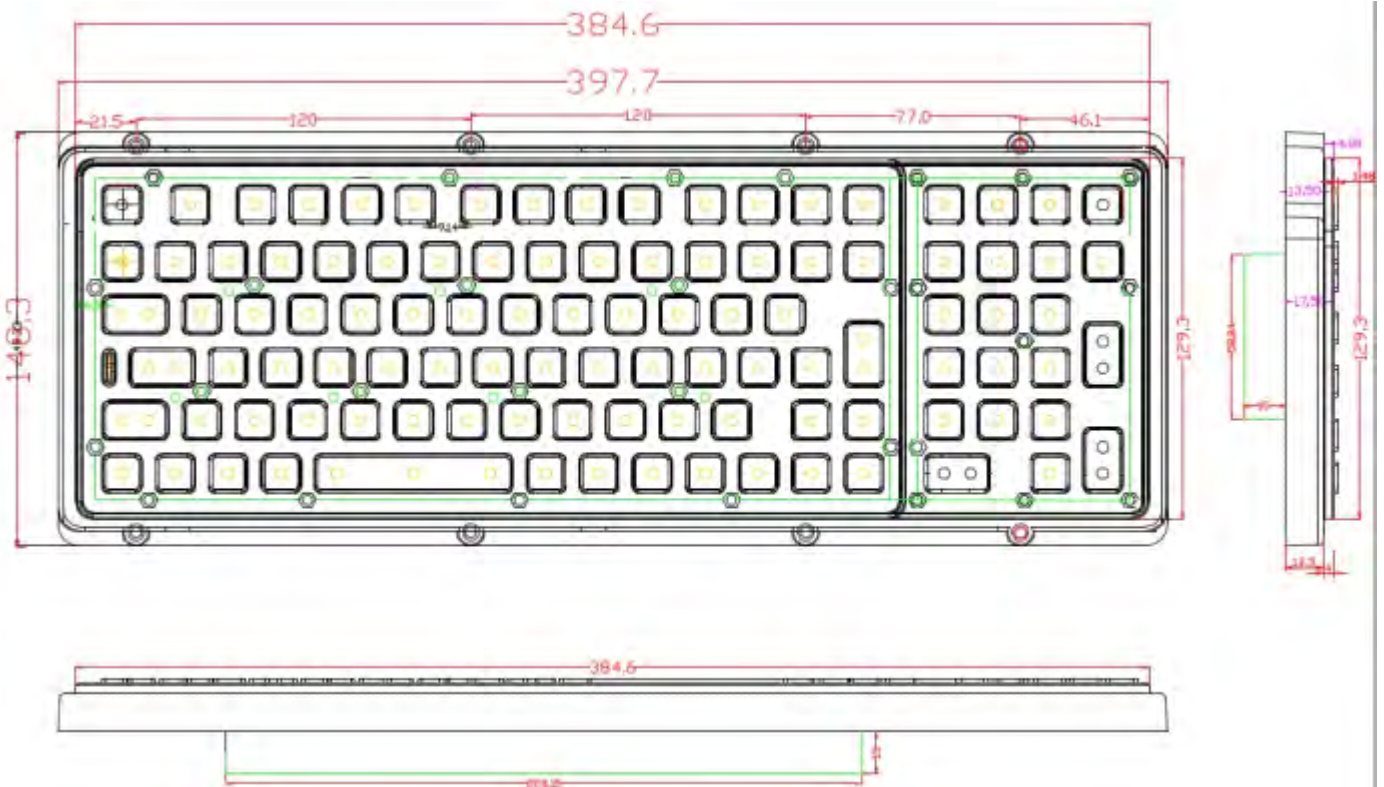
**DESCRIPTION:** 103 keys vandal proof IP65 (dynamic) industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with individual numeric keypad on the right side, CLEAN key to lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on the top stainless steel plate, rear panel mounted.

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 103
- **G.W.:** 1.80 kgs
- **Dimensions:** 398.0mm x 129.5mm (top panel)

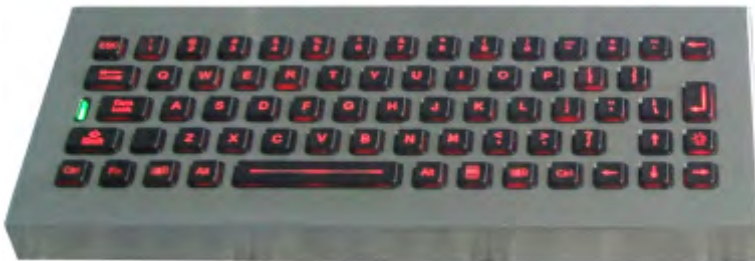


# K-TEK-M298-DT

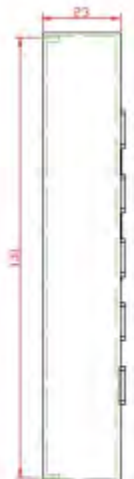
**DESCRIPTION:** 68 keys vandal proof IP65 dynamic movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, , high quality durable black titanium electroplated on stainless steel desk top housing (optional).

## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 68
- **G.W:** 2.00 kgs
- **Dimensions:** 315.0mm x 134.0mm x 23.0mm (L x W x H)



## K-TEK-M298-FN-DT

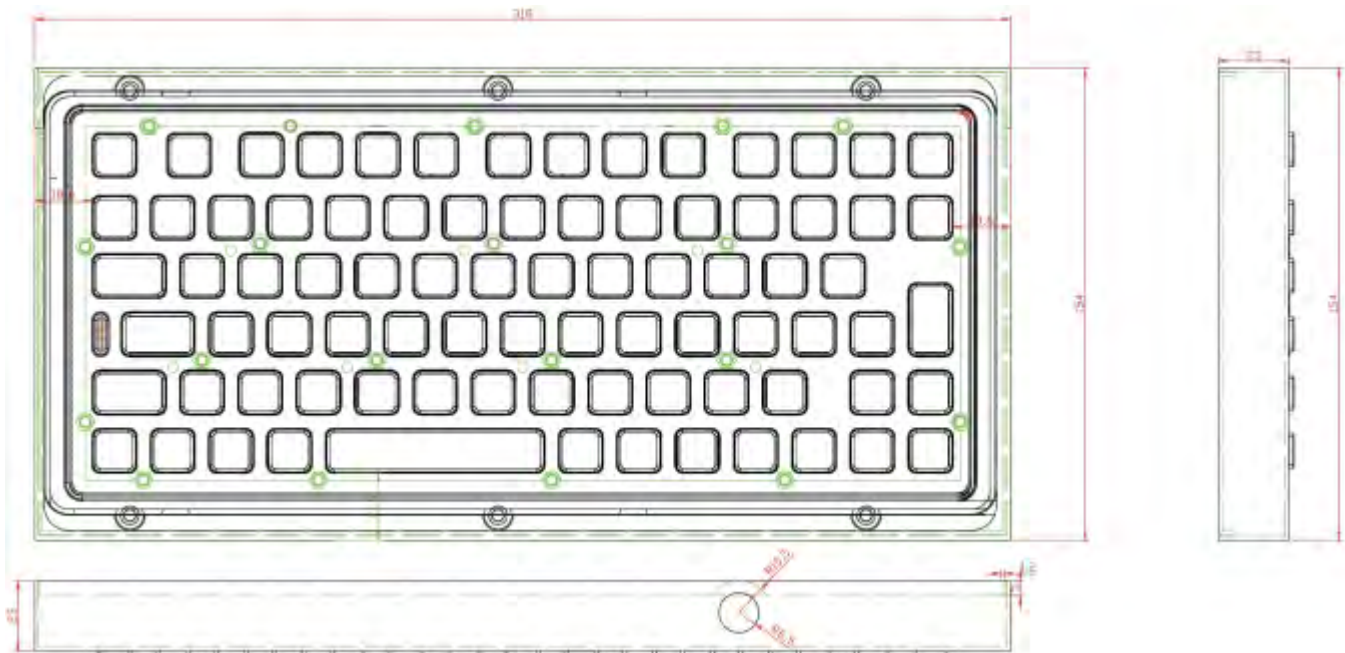
**DESCRIPTION:** 82 keys vandal proof IP65 dynamic movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with CLEAN key to lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing (optional).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 82
- **G.W:** 1.80 kgs
- **Dimensions:** 318.0mm x 154.0mm x 23.0mm  
( L x W x H )

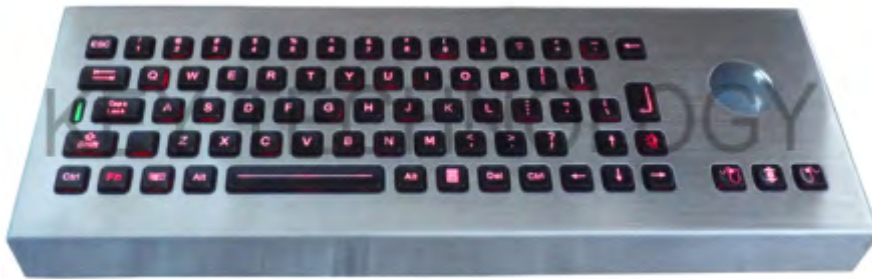


# K-TEK-M380TB-DT

**DESCRIPTION:** 71 keys vandal proof IP65 movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and 38.0mm IP65 static mechanical trackball module with 400 DPI resolutions, with carbon-on-gold key switch technology with stroke 1.50mm, high quality durable black titanium electroplated on stainless steel desk top housing (optional).

## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W.:** 2.20 kgs
- **Dimensions:** 380.0mm x 134.0mm x 36.0mm (L x W x H)

Product Name			IP Rated
K-TEK-M380-MTB-DT	Desktop Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-DT	Desktop Keyboard; 400 DPI Touch Chameleon Backlight Trackball (Adjustable seven colors backlight); <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-OTB-DT	Desktop Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			





# K-TEK-M380TP-DT

**DESCRIPTION:** 71 keys vandal proof IP65 dynamic movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and IP65 dynamic sealed & ruggedized tough touchpad, with carbon-on-gold key switch technology with stroke 1.50mm, USB interface, high quality durable black titanium electroplated on stainless steel desk top housing (optional)

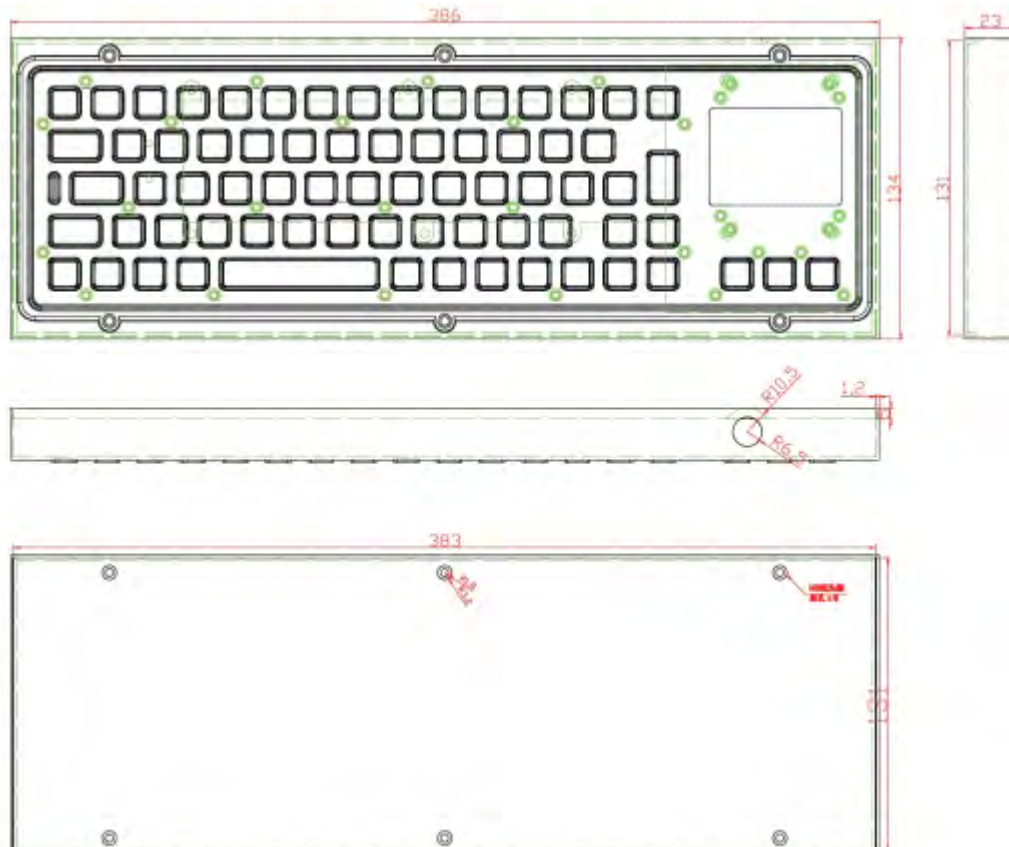
## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W.:** 1.80 kgs
- **Dimensions:** 380.0mm x 135.0mm x 23.0mm  
( L x W x H )

Product Name		IP Rated Touchpad	
K-TEK-M380TP-DT	Keyboard; integrated ruggedized touchpad; Adjustable Backlight is optional	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M380TB-MDT

**DESCRIPTION:** 71 keys vandal proof IP65 (dynamic) mounting desktop industrial and military keyboard with adjustable industrial backlight with 38mm integrated trackball, with carbon-on-gold key switch technology with long stroke 2.0mm. can be hinged down/ for wall mounting. Trackball is with adjustable seven color backlight **optional**.

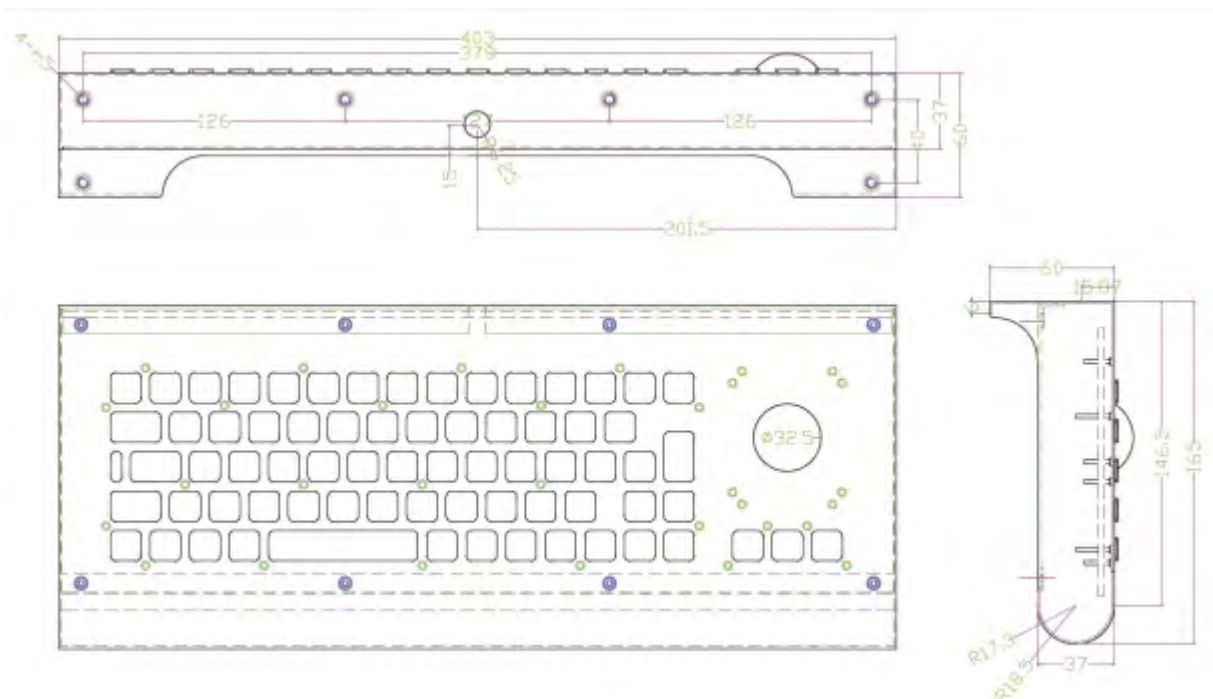
## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 71
- **G.W:** 3.50 kgs
- **Dimensions:** 403.0mm x 165.0mm x 37.0mm  
( L x W x H)

Product Name			IP Rated
K-TEK-M380-MTB-MDT	Desktop Keyboard; 400 DPI Mechanical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-CTB-MDT	Desktop Keyboard; 400 DPI Chameleon Trackball(Adjustable seven colors backlight); <b>Adjustable Backlight is optional</b>	PS/2;USB	IP65 Static
K-TEK-M380-OTB-MDT	Desktop Keyboard; 800 DPI IP68 Optical Trackball; <b>Adjustable Backlight is optional</b>	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M460TP-KP-FN-DT

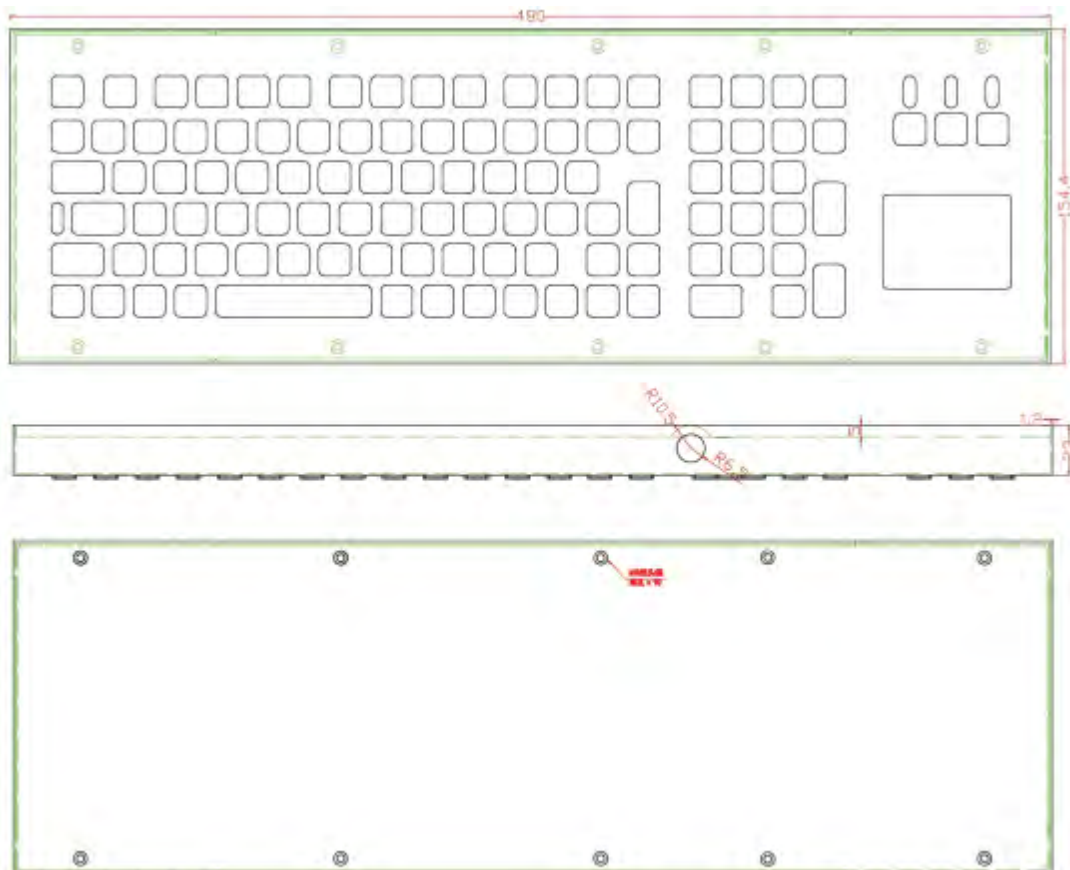
**DESCRIPTION:** 106 keys vandal proof IP65 dynamic movable stand alone desk top industrial & military keyboard with full keyboard functionalities, with adjustable industrial backlight, integrated sealed and ruggedized tough touchpad, numeric keypad and function keys (F1, F2.....,F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing(optional).

## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 2.20 kgs
- **Dimensions:** 480.0mm x 154.5mm x 23.0mm  
( L x W x H)

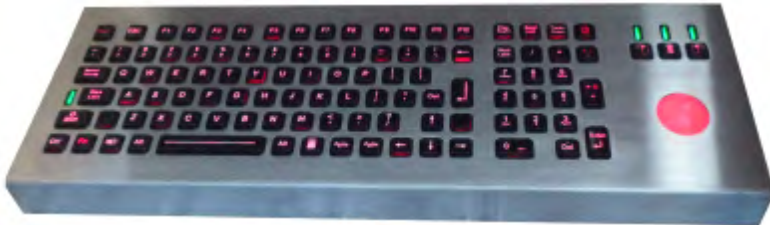


## K-TEK-M460TB-KP-FN-DT

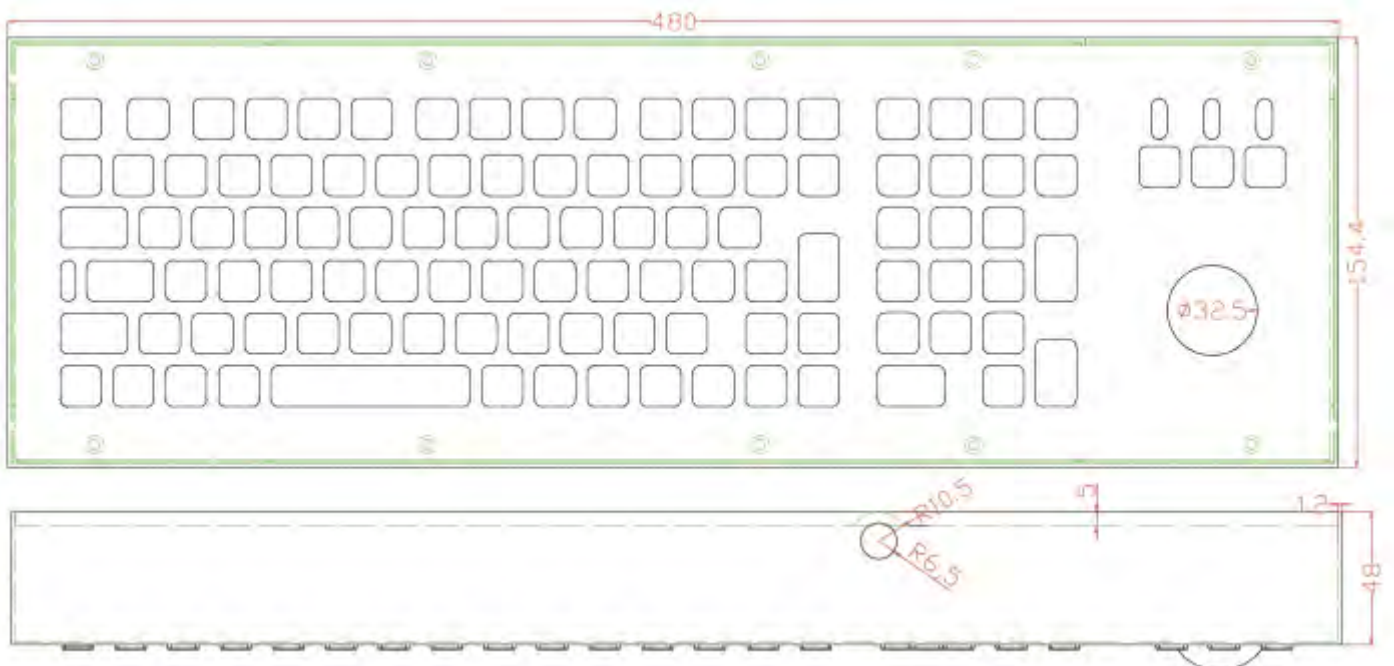
**DESCRIPTION:** 106 keys vandal proof IP65 movable stand alone desk top industrial & military keyboard with full keyboard functionalities, with adjustable industrial backlight, integrated 38mm IP65 static mechanical trackball module with 400 DPI resolutions, numeric keypad and function keys (F1, F2...F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with stroke 1.50mm, red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing(optional).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 3.00 kgs
- **Dimensions:** 480.0mm x 154.5mm x 36.0mm  
( L x W x H )



## K-TEK-M380TP-FN-DT

**DESCRIPTION:** 85 keys vandal proof IP65 (dynamic) stand alone desk top industrial and military keyboard with adjustable industrial backlight, with sealed & ruggedized touchpad, function keys F1...F12 are on the top line for easy operation, with carbon-on-gold key switch technology with long stroke 2.0mm.,red clean key lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing (optional)

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 2.20 kgs
- **Dimensions:** 393.0mm x 154.5mm x 23.0mm (L x W x H)



## K-TEK-M380TB-FN-DT

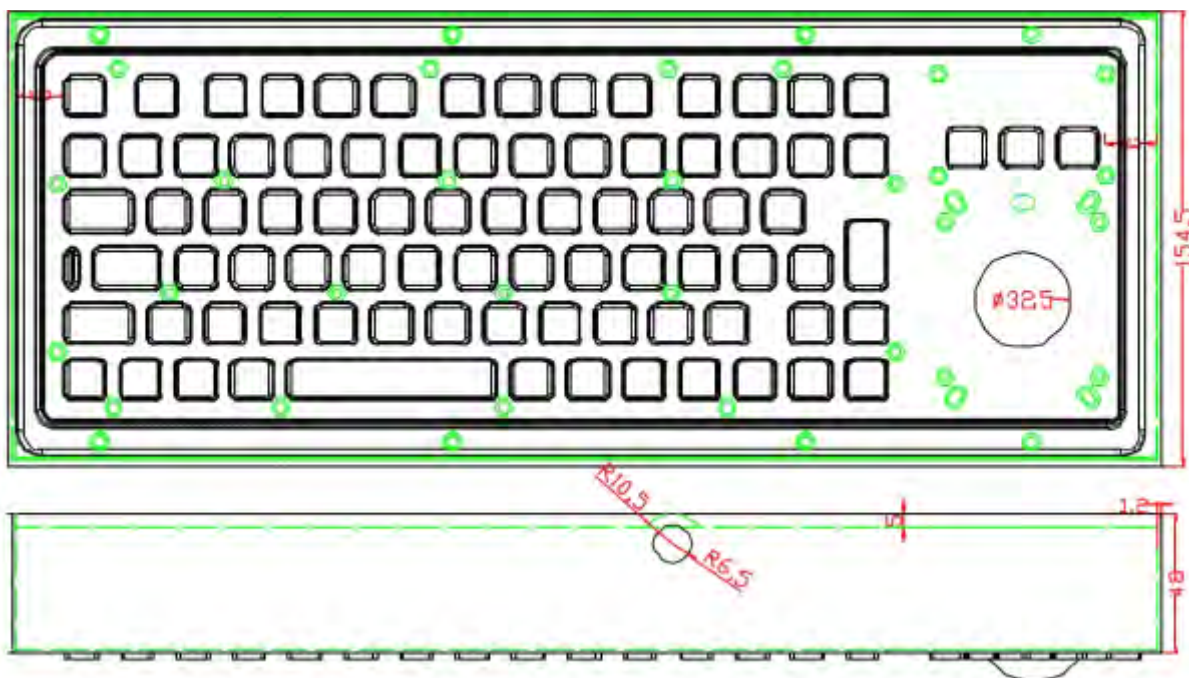
**DESCRIPTION:** 85 keys vandal proof IP65 stand alone desk top industrial & military keyboard with adjustable industrial backlight and 38.0mm trackball , with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with carbon-on-gold key switch technology with long stroke 1.5mm, **red clean** key lock/disable the keyboard for cleaning and washing without needing to take out the keyboard from PC, USB interface, high quality durable Electroplate Titanium Black on the top stainless steel plate (**optional**).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 85
- **G.W.:** 2.50 kgs
- **Dimensions:** 393.0mm x 154.5mm x 36.0mm  
( L x W x H )

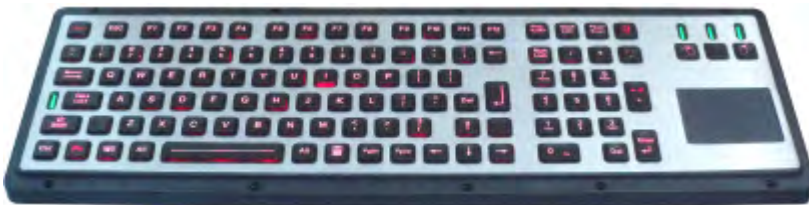


## K-TEK-M460TP-KP-FN

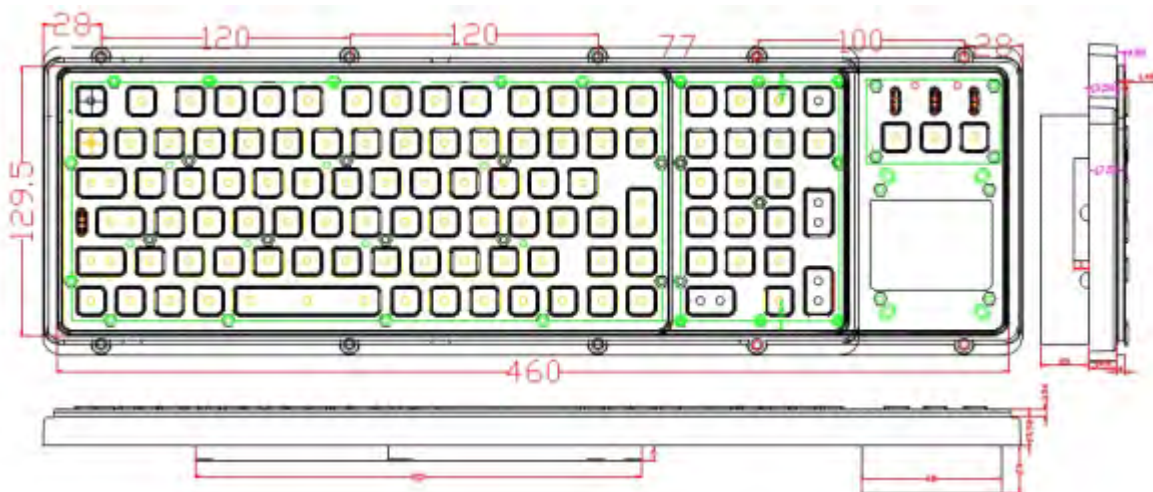
**DESCRIPTION:** 106 keys vandal proof IP65 (dynamic) industrial & military keyboard with adjustable industrial backlight, integrated sealed ruggedized touchpad, numeric keypad and function keys (F1, F2...F11, F12) on the top line with full keyboard functionalities, with carbon-on-gold key switch technology with long stroke 2.0mm, rear panel mounting solution, **red clean** key lock/disable the keyboard for cleaning and washing without needing to take out the keyboard from PC, **high quality durable Electroplate Titanium Black** on the top stainless steel plate.

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 2.20 kgs
- **Dimensions:** 460.0mm x 129.5mm (top panel)



## K-TEK-M460TB-KP-FN

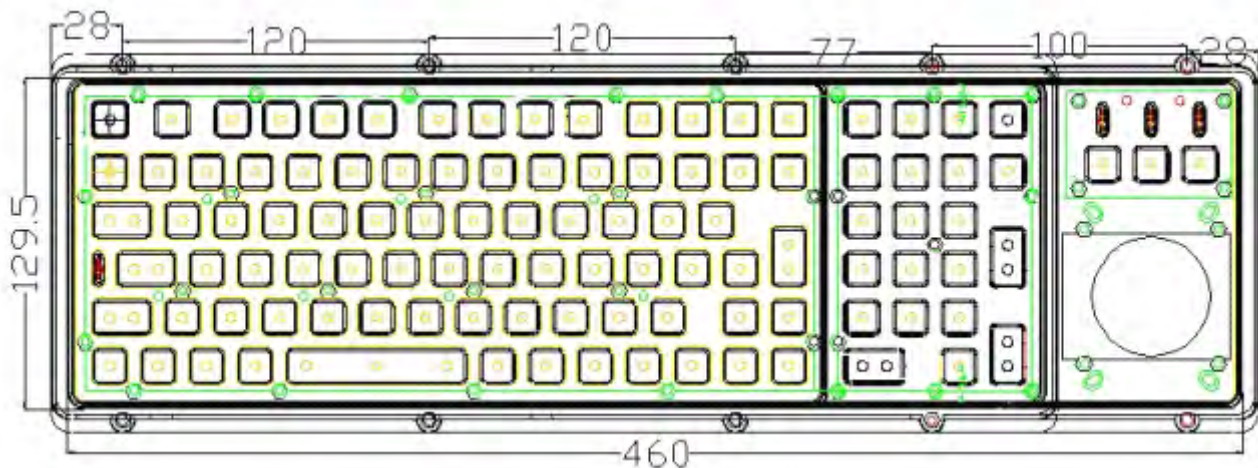
**DESCRIPTION:** 106 keys vandal proof IP65 (dynamic) industrial & military keyboard with adjustable industrial backlight, integrated 38mm trackball with 800 DPI resolutions, numeric keypad and function keys (F1, F2...F11, F12) on the top line with full keyboard functionalities, with carbon-on-gold key switch technology with long stroke 1.5mm, rear panel mounting solution, red clean key lock/disable the keyboard for cleaning and washing without needing to take out the keyboard from PC, high quality durable Electroplate Titanium Black on the top stainless steel plate..

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 106
- **G.W.:** 1.60 kgs
- **Dimensions:** 460.0mm x 129.5mm (top panel)





## K-TEK-M398KP-FN-DT

**DESCRIPTION:** 103 keys vandal proof IP65 dynamic movable stand alone desk top industrial & military keyboard with adjustable industrial backlight and carbon-on-gold key switch technology with stroke 1.50mm, with FN (F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12) on the top line for easy operation, with individual numeric keypad on the right side, CLEAN key to lock/disable the keyboard for easy cleaning and washing without needing to take out the keyboard from PC, high quality durable black titanium electroplated on stainless steel desk top housing (optional).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboard is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 103
- **G.W.:** 2.00 kgs
- **Dimensions:** 404.50mm x 154.5mm x 23.0mm  
(L x W x H)



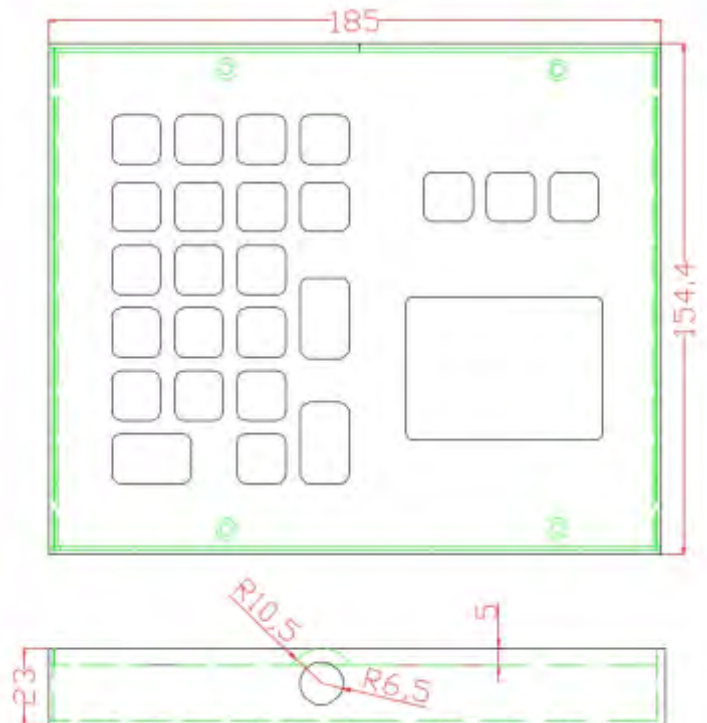
## K-TEK-M185TP-KP-DT

**DESCRIPTION:** 24 keys vandal proof IP65 (dynamic) stand alone desktop industrial & military keypad with industrial backlight, with sealed & ruggedized tough touchpad & carbon-on-gold key switch technology for fast and accurate data input, high quality durable Electroplate Titanium Black on the top stainless steel plate (optional).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.

- **Number of Keys:** 24
- **G.W.:** 1.00 kgs
- **Dimensions:** 185.mm x 154.4mm x 23.0mm (L x W x H)



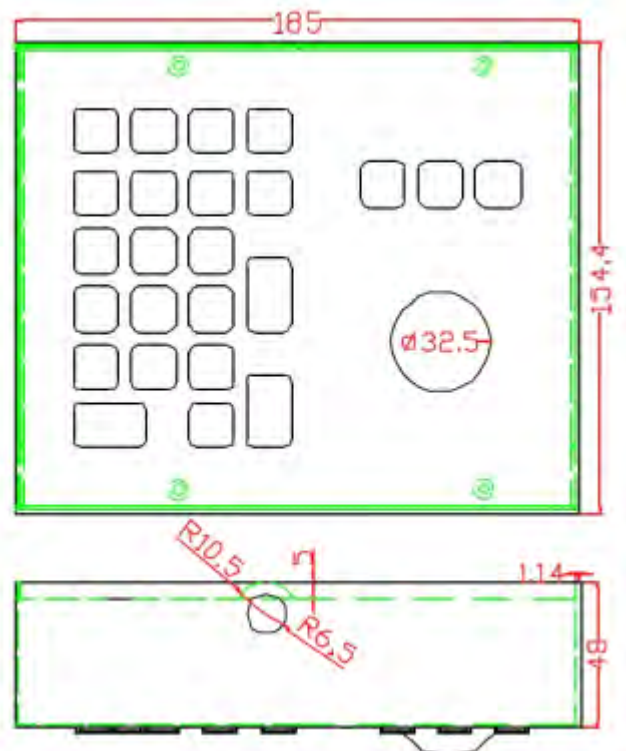
## K-TEK-M185TB-KP-DT

**DESCRIPTION:** 24 keys vandal proof IP65 (dynamic) stand alone desktop industrial and military keypad with ruggedized trackball, with carbon-on-gold key switch technology with long stroke 2.0mm. Trackball is with adjustable seven color backlight optional. high quality durable Electroplate Titanium Black on the top stainless steel plate (optional).

### APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.

- **Number of Keys:** 24
- **G.W.:** 1.20 kgs
- **Dimensions:** 185.00mm x 154.4mm x 36.0mm(L x W x H)



# K-TEK-M116KP-DT

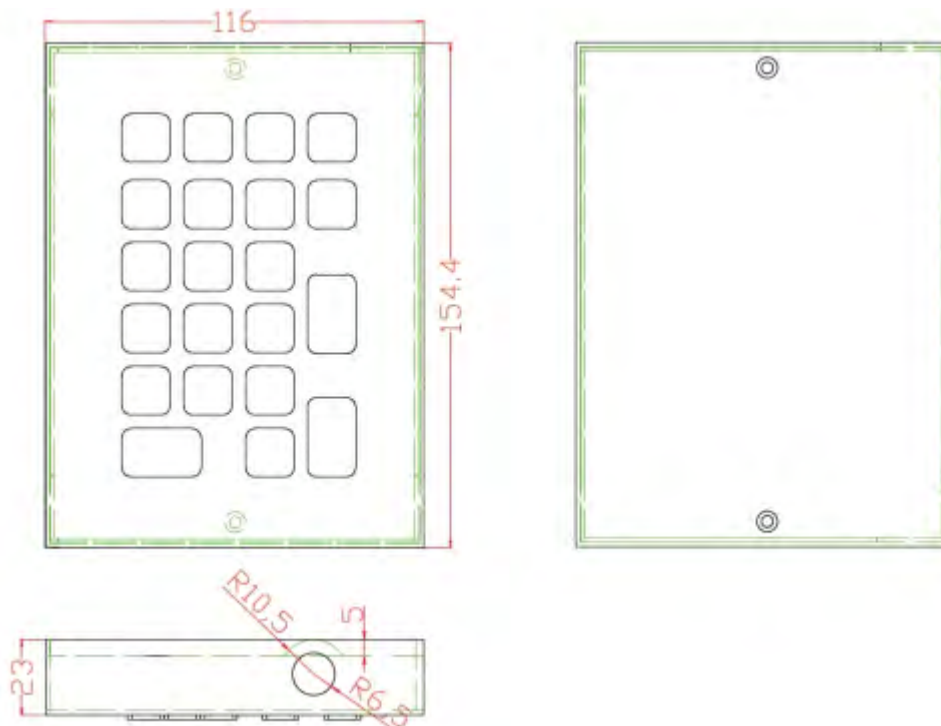
**DESCRIPTION:** 21 keys vandal proof IP65 (dynamic) stand alone desktop industrial and military keypad with industrial backlight and integrated numeric keypad, with carbon-on-gold key switch technology with long stroke 2.0mm.high quality durable Electroplate Titanium Black on the top stainless steel plate (optional).

## APPLICATION

- keyboard with NVIS-compliant red adjustable backlighting, while NVIS backlighting makes this keyboard ideal for military, aviation or vehicle applications where night vision goggles are necessary.
- This keyboards is constructed to survive in exposed, unsupervised, public environments, and military as Army, Navy, Air force.
- Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



- **Number of Keys:** 21
- **G.W.:** 0.80 kgs
- **Dimensions:** 116.0mm x 154.4mm x 23.0mm (L x W x H)



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# IP65/ 67/ 68 ADVANCED INPUT DEVICE

## IP65 INDUSTRIAL MEMBRANE KEYBOARD

### SPECIFICATION KEYBOARD:

- Key switch Technology: metal dome key switch technology with short travel keys
- Actuation Force: 1.0N for key 11.0mm x 11.0mm and 14.0mm x 14.0mm (press point)
- Key Travel: 0.45mm
- Key switch Lifetime: 3 mil. operations
- Protection Level: IP65, NEMA 4x
- Mounting Type: panel mounting or Desk Top.
- Operating Temperature: -20 °C to +50 °C;
- Colors: 4 (Blue, white, grey, black)
- Key Dimensions (print area): 11.0mm x 11.0mm or 14.0mm x 14.0mm

### TOUCHPAD:

- Touchpad cover: Composite
- Motion Detection
- Method: capacitive
- Resolution: 40 counts / mm
- More than Lifetime 10 million strokes
- Mutual Capacitance sensing
- X/Y position sensing resolution: 40 counts/mm
- X/Y position reporting: Relative
- Output (self-detectable depending on cable): PS2 or USB
- Tracking speed: Maximum 1,016 m/sec
- Power supply voltage: 5 V DC  $\pm$ 0.25V
- Current rating (active mode): 17 ma

### ELECTRICAL DATA:

- Supply Voltage: +5V DC +/- 5%
- Current Rating: appr. 20mA
- EMC Standard: It is compliance with the council EMC directive 89/336/EECEN55022: 1988+A1: 2000+A2: 2003 EN55024: 1988+A1: 2001+A2: 2003
- Emission EN 50081-1
- Immunity: EN 50082-1
- Lifespan > 5 years
- Interface: PS2, USB available.
- **OS: Window95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unit, Mac OSX**

### RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- Protection Level: IP65 (front panel)
- Key Lifespan >3 million actuations
- Touchpad lifespan > 10 million of times
- MTBF >50000H
- MTTR <30min

# K-TEK-D321KP-FN

**DESCRIPTION:** 105 keys IP65 rated compact format industrial membrane keyboard with integrated numeric keypad and function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

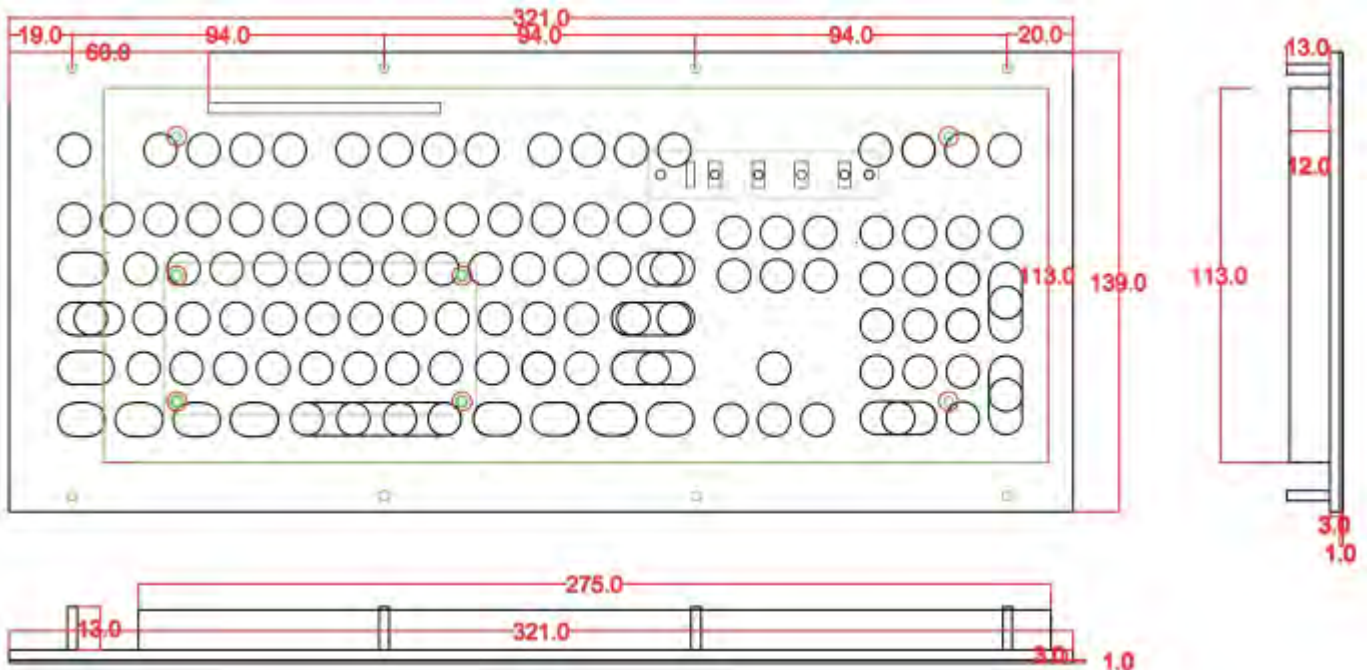
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 105
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.00 kgs
- **Dimensions:** 321.0mm x 139.0mm(Front Panel)

Product Name		IP Rate	
K-TEK-D321TP-KP-FN	Keyboard; Touchpad; Numeric Keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			

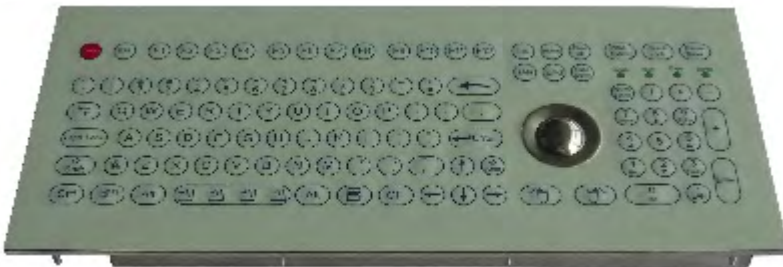


## K-TEK-D321TB-KP-FN

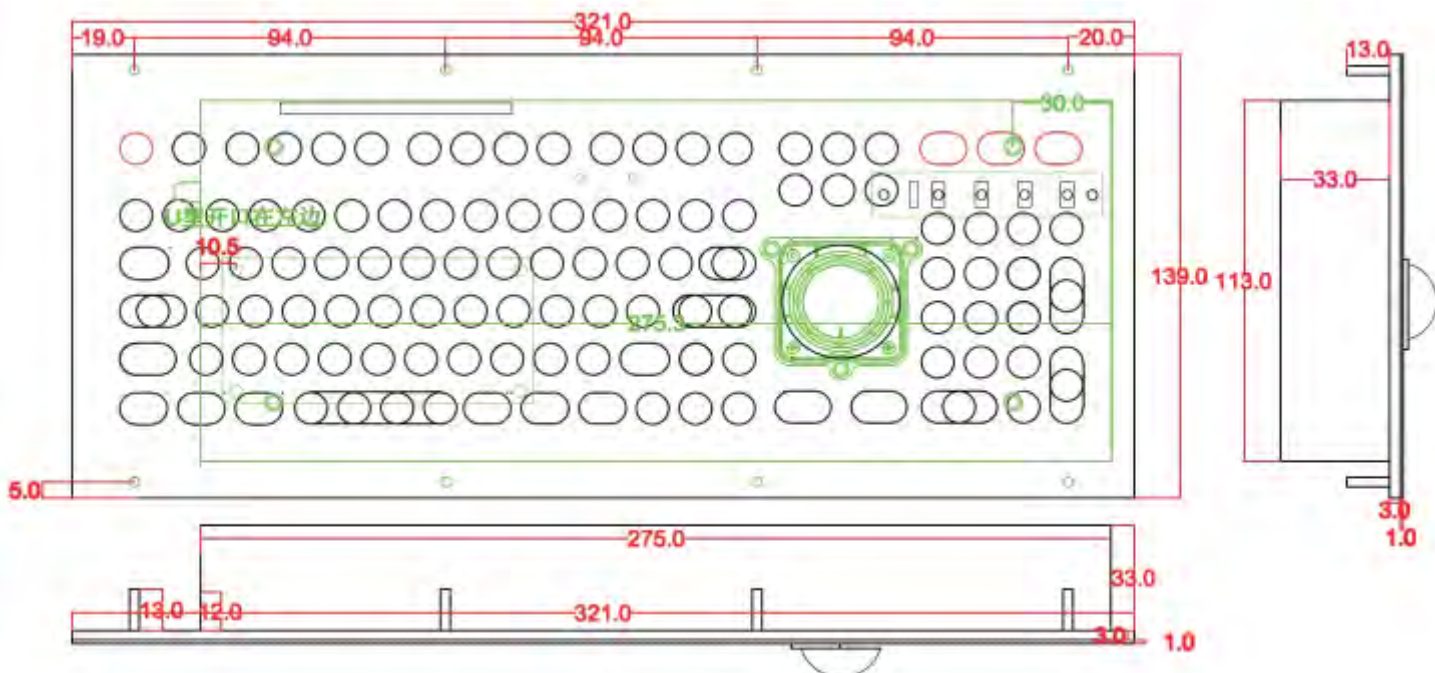
**DESCRIPTION:** 107 keys IP65 rated compact format industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, IP68 rated washable optical trackball module with 800 DPI resolutions, function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

### MAIN FEATURE:

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 107
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.30 kgs
- **Dimensions:** 321.0mm x 139.0mm(Front Panel)



# K-TEK-D321TP-KP-FN

**DESCRIPTION:** 107 keys IP65 rated compact format industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, sealed & ruggedized tough touchpad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

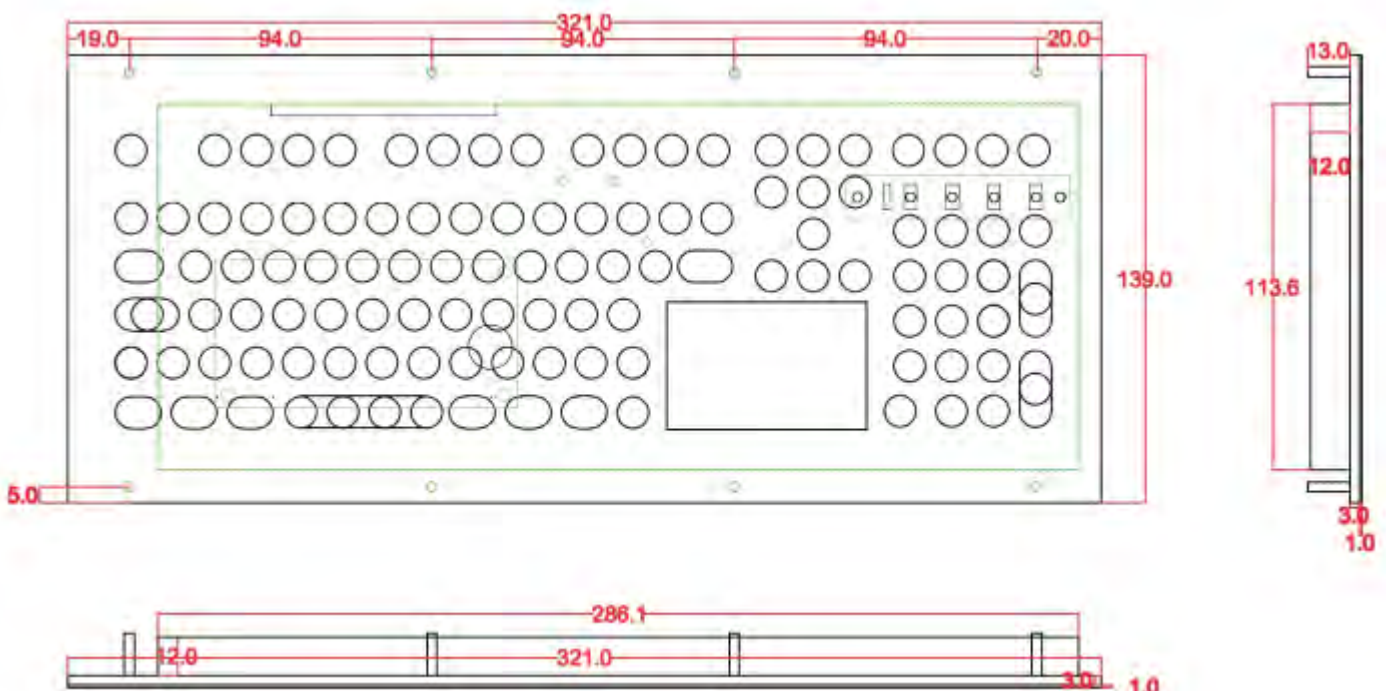
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.

- **Number of Keys:** 107
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.00 kgs
- **Dimensions:** 321.0mm x 139.0mm (Front Panel)



Product Name			IP Rate
K-TEK-D321TP-KP-FN	Keyboard; Touchpad; Numeric Keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





# K-TEK-D379TP-KP-FN

**DESCRIPTION:** 120 keys IP65 rated compact format industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, sealed & ruggedized tough touchpad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

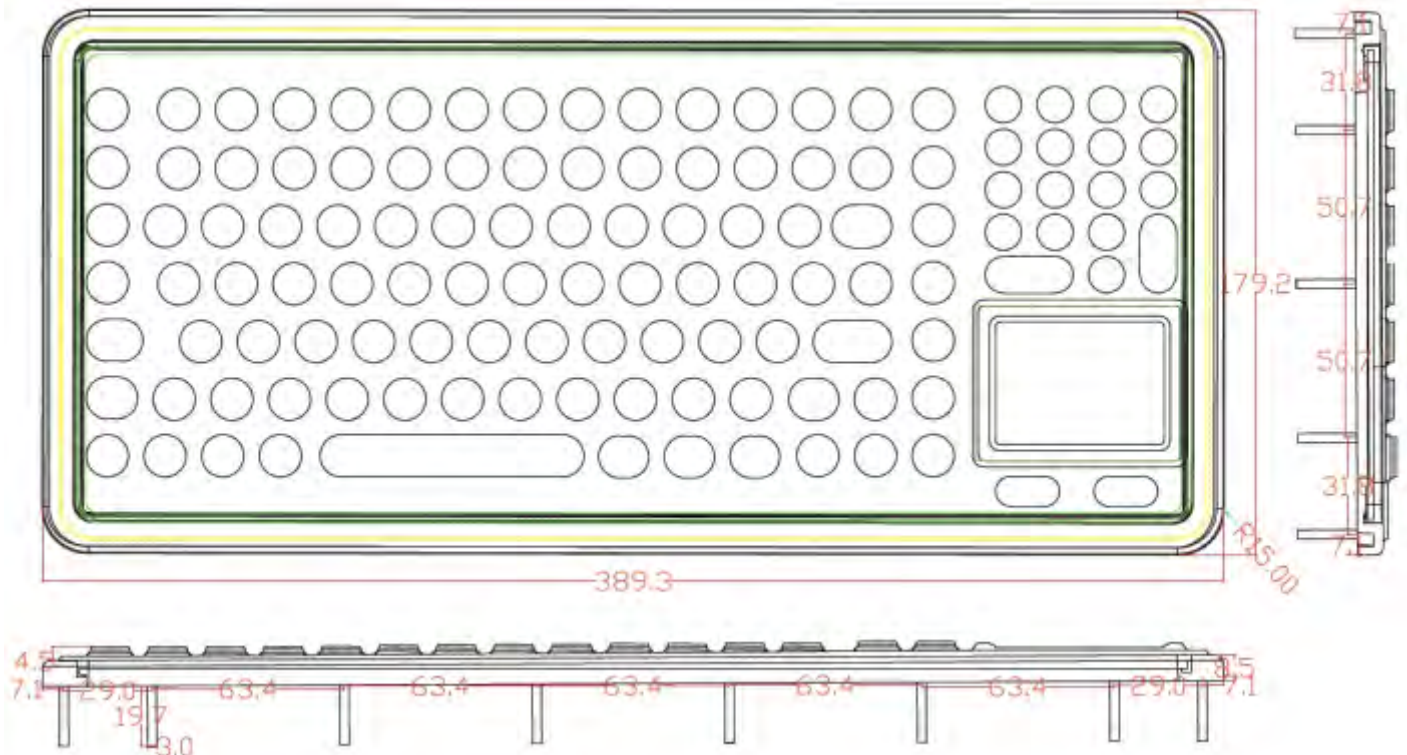
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 120
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.20 kgs
- **Dimensions:** 389.30mm x 179.2mm (Front Panel)

Product Name		IP Rate	
K-TEK-D376TP-KP-FN	Keyboard; Touchpad; Numeric Keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-D410KP-FN

**DESCRIPTION:** 106 keys IP65 rated industrial membrane keyboard with full keyboard functionalities, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

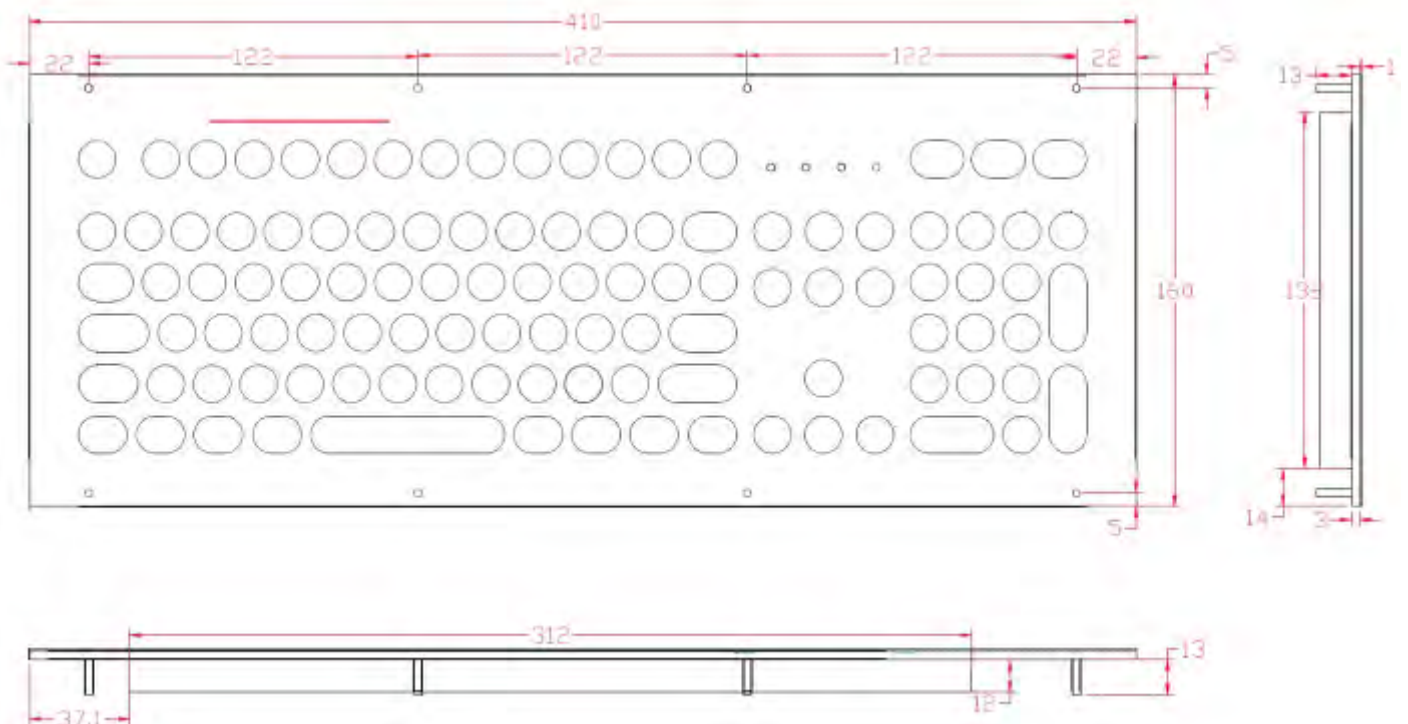
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 106
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.30 kgs
- **Dimensions:** 410.0mm x 160.0mm (Front Panel)

Product Name			IP Rate
K-TEK-D410KP-FN	Keyboard; Numeric Keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-D410-OTB-KP-FN

**DESCRIPTION:** 108 keys IP65 rated compact format industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, IP68 dynamic washable 38mm optical trackball with 800 DPI resolutions & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

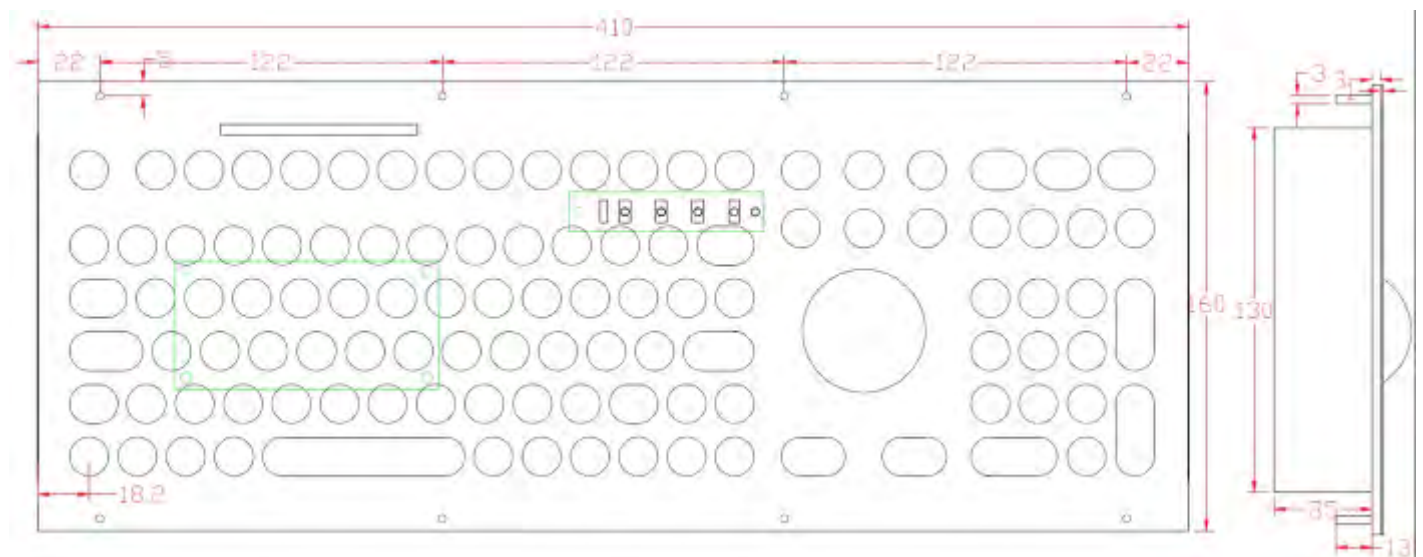
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with IP68 optical trackball. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.60 kgs
- **Dimensions:** 410.0mm x 160.0mm (Front Panel)

Product Name			IP Rate
K-TEK-D410-OTB-KP-FN	Keyboard; IP68 optical trackball; Numeric Keypad; Function keys	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# TEK-D410TP-KP-FN

**DESCRIPTION:** 108 keys IP65 rated industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, sealed & ruggedized tough touchpad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, top panel mounted.

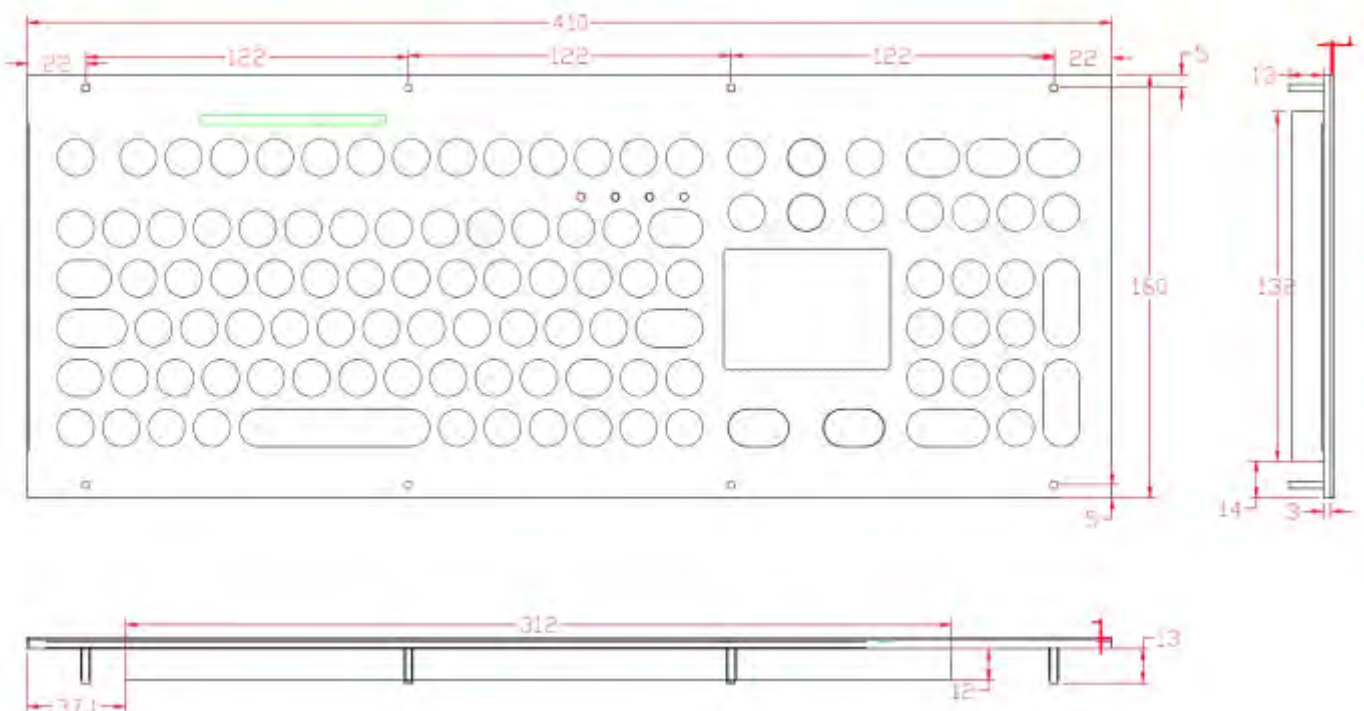
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.30 kgs
- **Dimensions:** 410.0mm x 160.0mm (Front Panel)

Product Name			IP Rate
K-TEK-D410TP-KP-FN	Keyboard; touchpad; Numeric Keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-D275TP-FN-DT

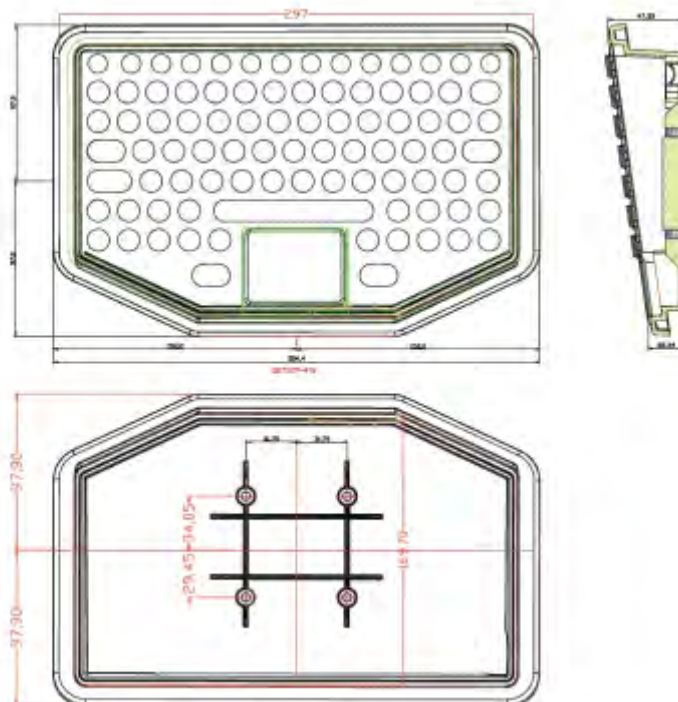
**DESCRIPTION:** 89 keys IP65 rated industrial membrane keyboard with full keyboard functionalities with sealed & ruggedized tough touchpad, F1,F2,F3,F4...F12 function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling, with anti-microbial keyboard surface, **Clean** key for easy cleaning without needing to take out the keyboard from PC, mounting movable desk top version with robust polycarbonate case.

**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



Product Name			IP Rate
K-TEK-D275KP-FN-DT	Keyboard; Numeric Keypad; Function keys; desktop version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-D321KP-FN-DT

**DESCRIPTION:** 107 keys IP65 rated compact format industrial membrane keyboard with integrated numeric keypad and function keys, foil-covered aluminum front plate and around sides are mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, movable stand alone desktop version.

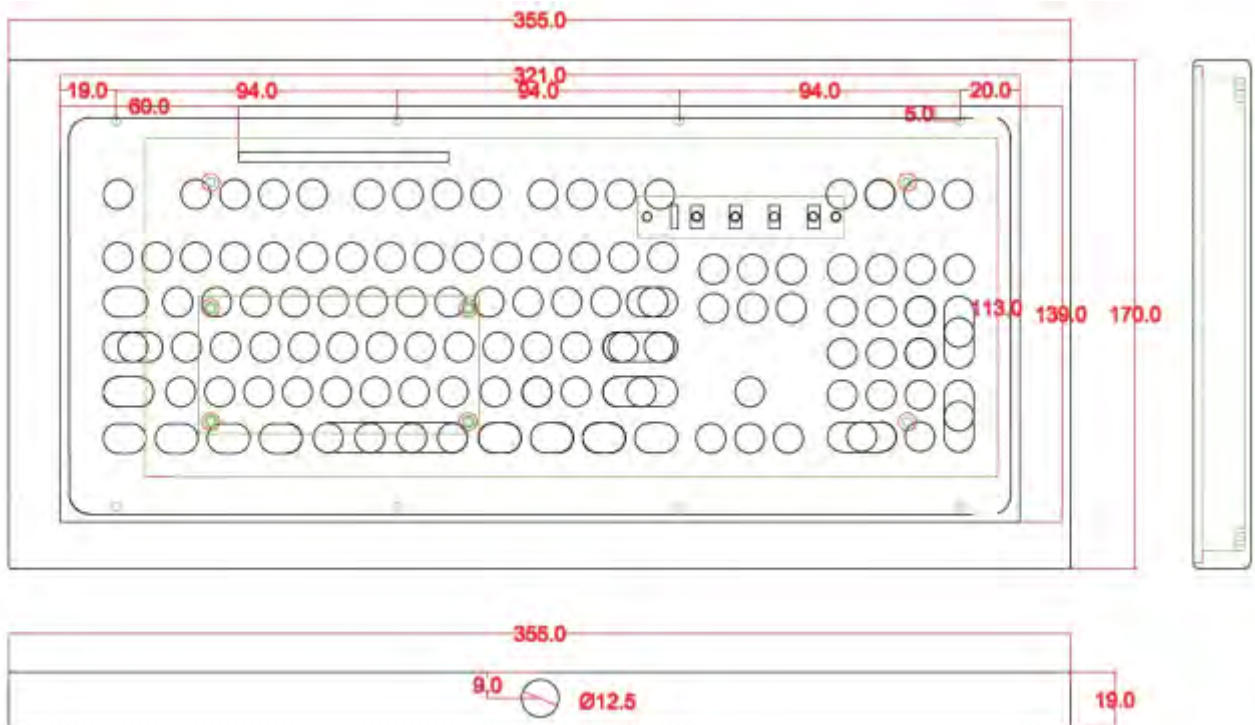
**MAIN FEATURE:**

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 107
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.20 kgs
- **Dimensions:** 355.0mm x 139.0mm(Front Panel)

Product Name			IP Rate
K-TEK-D321KP-FN-DT	Keyboard; Numeric Keypad; Function keys; desktop version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-D321TP-KP-FN-DT

**DESCRIPTION:** 1057 keys IP65 rated compact format industrial membrane keyboard with sealed and ruggedized touch-pad, with integrated numeric keypad and function keys, foil-covered aluminum front plate and around sides are mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface,with Clean key for easy cleaning without needing to take out the keyboard from PC, movable stand alone desktop version.

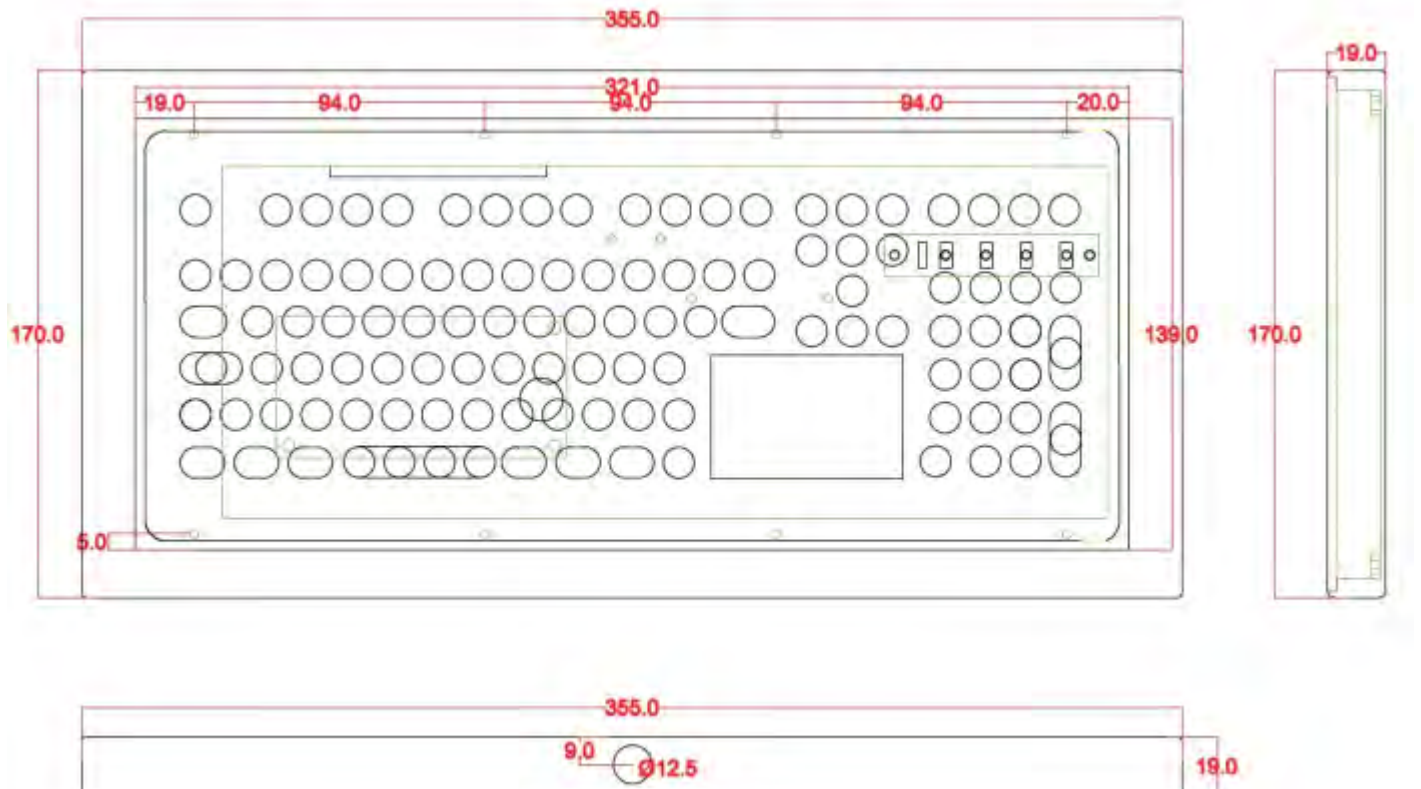
## MAIN FEATURE:

- The foil-covered aluminum front plate is mounted flush for easy cleaning. The polyester front foil is wear-and tear-resistant and can withstand most chemicals and liquids. The keyboard is protected against dust, dirt, grease and liquids to IP65/NEMA4 and is available in PS/2 and USB versions. Custom keyboard layouts or imprints are available upon request.
- This keyboard is available in different keyboard layouts with integrated capacitive touchpad. This stylish, yet rugged medical keyboard is ideal for any application requiring a rugged enclosure and low profile.



- **Number of Keys:** 107
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.20 kgs
- **Dimensions:** 355.0mm x 139.0mm(Front Panel)

Product Name			IP Rate
K-TEK-D321TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys,Desktop version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-D396TP-KP-FN-DT

**DESCRIPTION:** 108 keys IP68 rated industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, sealed & ruggedized tough touchpad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, integrated sealed & ruggedized touchpad, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, mountable mounting desk top version with robust polycarbonate case.

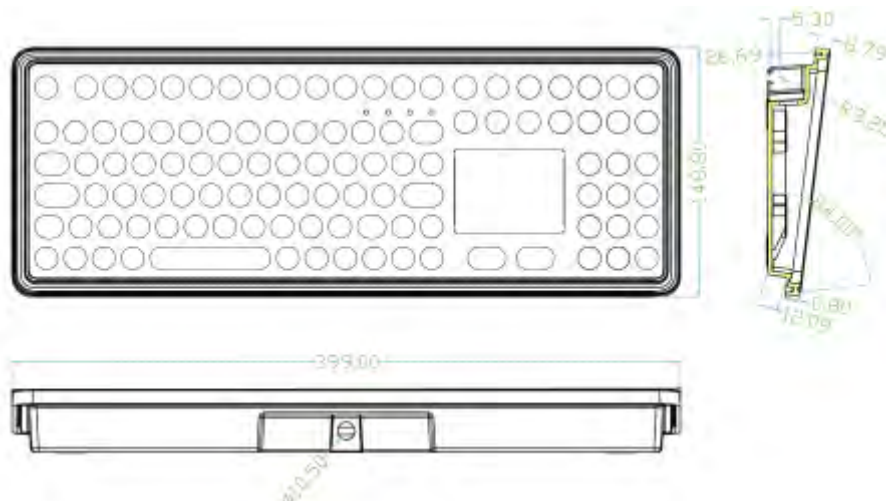
**MAIN FEATURE:**

- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality.
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Special dura-coating for excellent mechanical and chemical resistance
- With firm tactile key feel, 0.45mm key travel.
- Integrated touchpad.
- Integrated numeric keypad.
- Optical IP68 trackball mouse available
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.
- Enclosure: polystyrene, ABS Polycarbonate Case
- Low-profile keys for easy cleaning
- Key life: 3 millions



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.30 kgs
- **Dimensions:** 396.0mm x 150.0mm x 27.0mm(L x W x H)

Product Name			IP Rate
K-TEK-D396TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys; Mounting Desk Top keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





## K-TEK-D396-OTB-KP-FN-DT

**DESCRIPTION:** 108 keys IP68 rated industrial membrane keyboard with full keyboard functionalities with integrated numeric keypad, IP68 washable optical trackball & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, mountable desk top version with robust polycarbonate case.

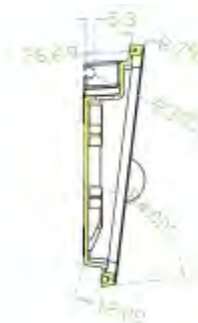
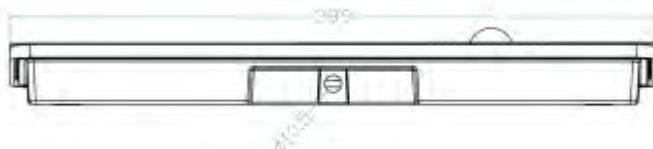
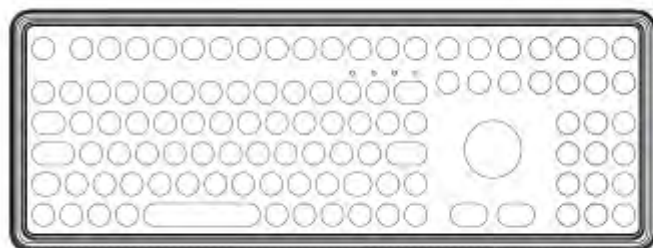
**MAIN FEATURE:**

- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality.
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Clean key
- -Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
- -User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Special dura-coating for excellent mechanical and chemical resistance
- Surface touch-key,
- Optical IP68 trackball mouse available
- Integrated numeric keypad.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.
- Enclosure: polystyrene, ABS Polycarbonate Case
- Low-profile keys for easy cleaning
- Key life: 3 millions



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.40 kgs
- **Dimensions:** 396.0mm x 150.0mm x 27.0mm (L x W x H)

Product Name			IP Rate
K-TEK-D396-OTB-KP-FN-DT	Keyboard; IP68 Trackball; Numeric Keypad; Function keys; Mounting Desk Top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			

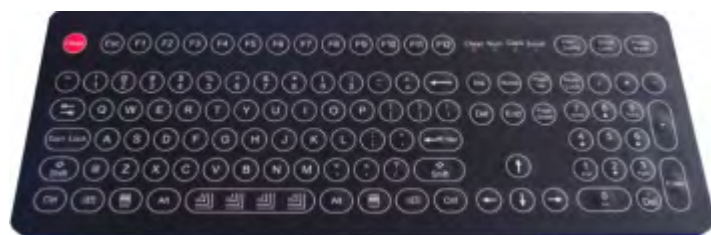


## K-TEK-D399KP-FN-DT

**DESCRIPTION:** 107 keys IP68 rated industrial membrane keyboard with integrated numeric keypad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, movable stand alone desk top version with robust polycarbonate case.

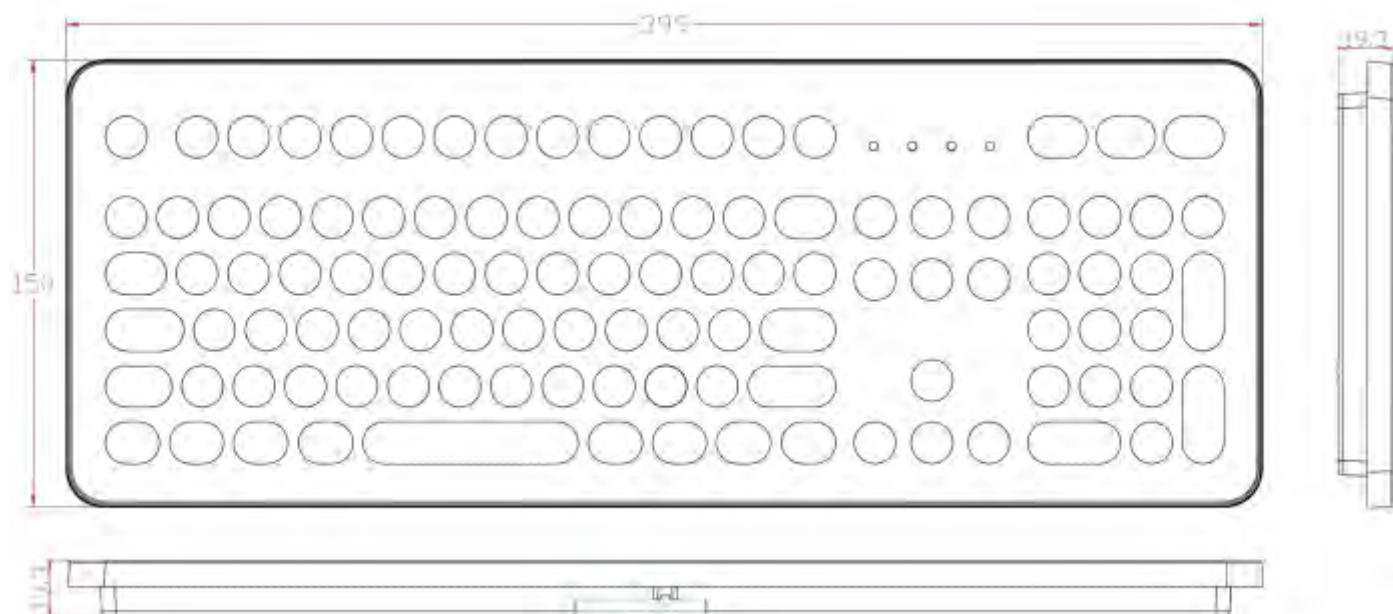
**MAIN FEATURE:**

- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality.
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Special dura-coating for excellent mechanical and chemical resistance
- With firm tactile key feel, 0.45mm key travel.
- Integrated numeric keypad.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.
- Enclosure: polystyrene, ABS Polycarbonate Case
- Low-profile keys for easy cleaning
- Key life: 3 millions



- **Number of Keys:** 107
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.20 kgs
- **Dimensions:** 399.0mm x 150.0mm x 20.0mm(L x W x H)

Product Name			IP Rate
K-TEK-D399KP-FN-DT	Keyboard; Numeric Keypad; Function keys; Desk Top keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-D399TP-KP-FN-DT

**DESCRIPTION:** 108 keys IP68 rated industrial membrane keyboard with full keyboard functionalities, with integrated numeric keypad, sealed & ruggedized tough touchpad & function keys, foil-covered aluminum front plate is mounted flush with durable polyester withstand to most chemicals and liquids under the harshest environments, with gold-on-gold metal dome key switch technology with short stroke 0.45mm with tactile feeling for reliable data input, with anti-microbial keyboard surface, Clean key for easy cleaning without needing to take out the keyboard from PC, movable stand alone desk top version with robust polycarbonate case.

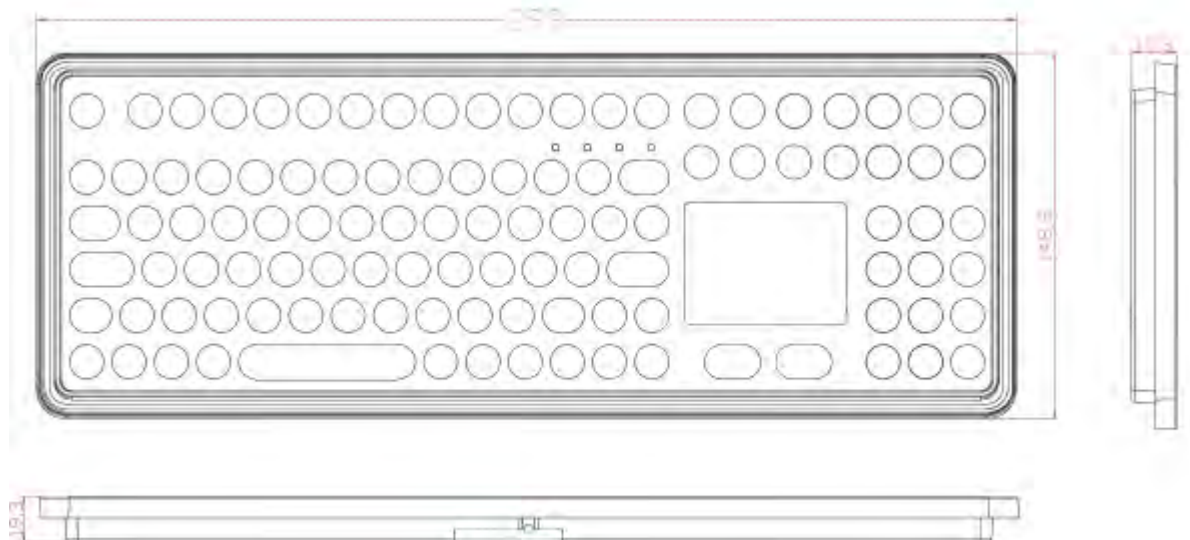
**MAIN FEATURE:**

- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality.
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Special dura-coating for excellent mechanical and chemical resistance
- With firm tactile key feel, 0.45mm key travel.
- Integrated touchpad.
- Integrated numeric keypad.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.
- Enclosure: polystyrene, ABS Polycarbonate Case
- Low-profile keys for easy cleaning
- Key life: 3 millions

- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.30 kgs
- **Dimensions:** 399.0mm x 150.0mm x 20mm (L x W x H)



Product Name			IP Rate
K-TEK-D399TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys; Desk Top keyboard	PS/2; USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



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# IP 65/IP68 INDUSTRIAL SILICONE KEYBOARD

## MAIN FEATURE

- keyboard with NVIS-compliant red adjustable backlighting optional, while NVIS backlighting makes this keyboard ideal for aviation or vehicle applications where night vision goggles are necessary.
- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Special dura-coating for excellent mechanical and chemical resistance
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- With firm tactile key feel, 1.5mm key travel.
- Integrated numeric keypad.
- Optical IP68 mouse available
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.

## MECHANICAL DATA

- Key top style: Protuberant rectangular keys with tactile feeling.
- Touchpad cover: Composite
- More than Lifetime 10 million strokes
- Mutual Capacitance sensing
- X/Y position sensing resolution: 40 counts/mm
- X/Y position reporting: Relative
- Output (self-detectable depending on cable): PS2 or USB
- Tracking speed: Maximum 1,016 m/sec
- Power supply voltage: 5 VDC  $\pm 0.25V$
- Current rating (active mode): 17 mA
- Switch life: more than 10 million of operations.
- Cable Length: 2.5m

## ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating:
  - PS2: keyboard with 210mA@5V (from keyboard port)
  - USB: 220mA@5V (from CPU port)
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC EN55022: 1988+A1:2000+A2:2003 EN55024: 1988+A1: 2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan> 3 years
- Switch Contact Material: Carbon-on-Gold key switch technology with gold PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

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## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-30°C to +65°C
- Storage temperature: :-40°C to +65°C
- Humidity: 100%
- Atmospheric pressure: 60-106Kpa
- Shock: 3x11 ms pulses of 50g on each of 3 axes
- Vibration: POWER SPECTRAL DENSITY: 0.04g/Hz, FREQUENCY RANGE: 20Hz - 2kHz, DURATION OF TEST PER AXIS: 3 hours
- Flammability  
PRINTED CIRCUIT BOARD: 94 VO  
SILICONE OVERLAY: 94 HB  
INTERFACE CABLE: 94 V

## RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP68, NEMA 6P**
- Key Lifespan >10 million actuations
- MTBF >50000H
- MTTR <30min

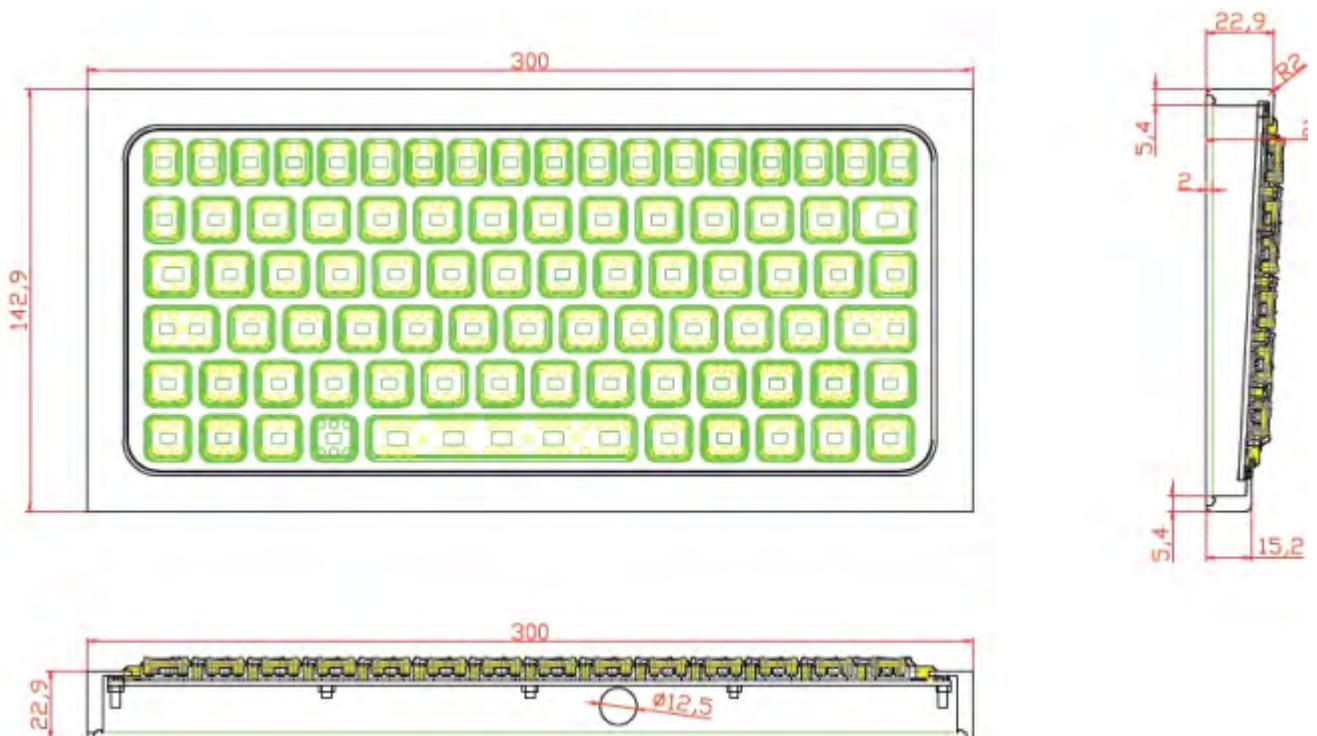
# K-TEK-M270FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with 83 keys, 12 function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, **Clean** key for easy cleaning, stand alone desk top version with sealed aluminum back plate with sand blasting & oxygenation surface treatment, adjustable industrial backlight optional.



- **Number of Keys: 83**
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.20 kgs
- **Dimensions:** 304.40mm x 195.8mm x 47.3(22.3)

Product Name		IP Rate	
K-TEK-M270FN-DT	Keyboard; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



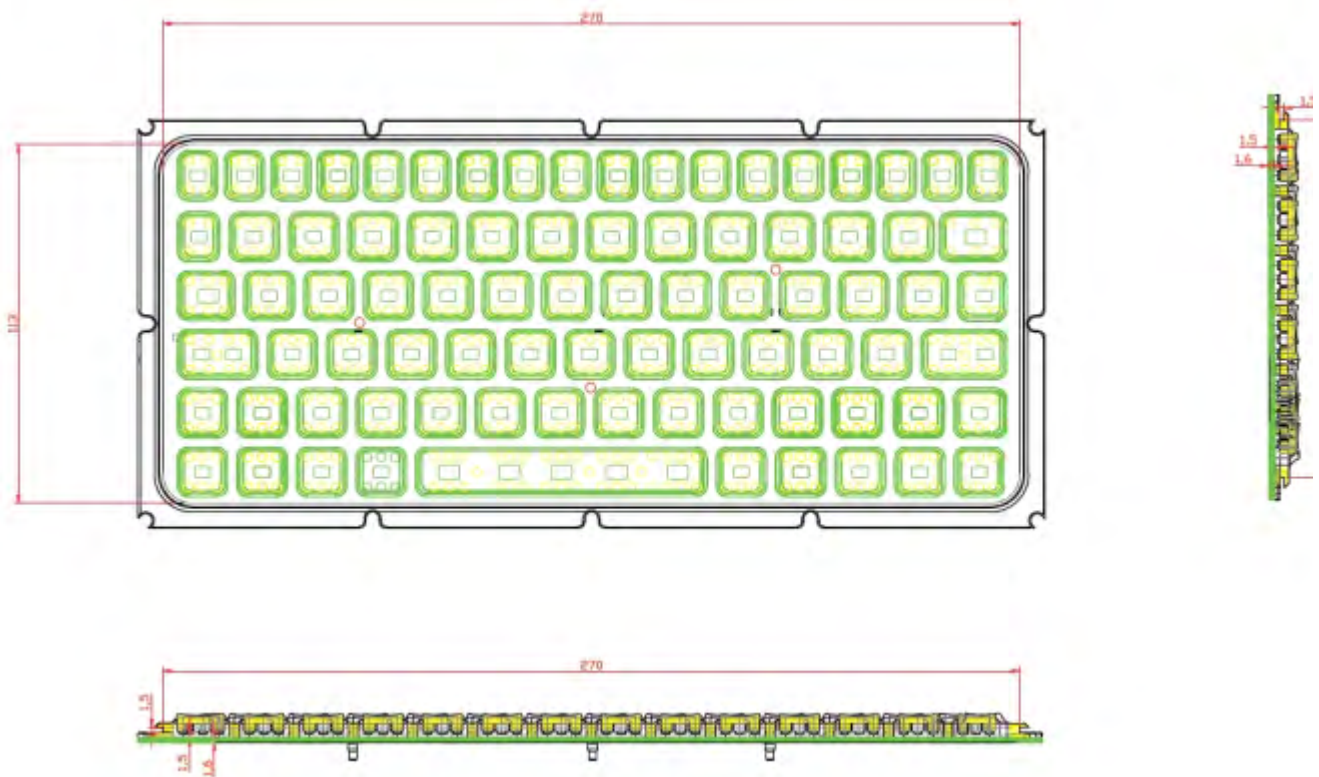
# K-TEK-M270FN-OEM

**DESCRIPTION:** IP65 rated ruggedized industrial silicone rubber keyboard with 83 keys, 12 function keys and carbon-on-gold key switch technology with stroke 1.50mm, tactile feedback, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, **Clean** key for easy cleaning, front panel mounting solution, adjustable industrial backlight optional.



- **Number of Keys: 83**
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 0.80 kgs
- **Dimensions:** 304.40mm x 195.8mm x 47.3(22.3)

Product Name			IP Rate
K-TEK-M270FN-OEM	Keyboard; Function keys; Front panel mounting solution	PS2/USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



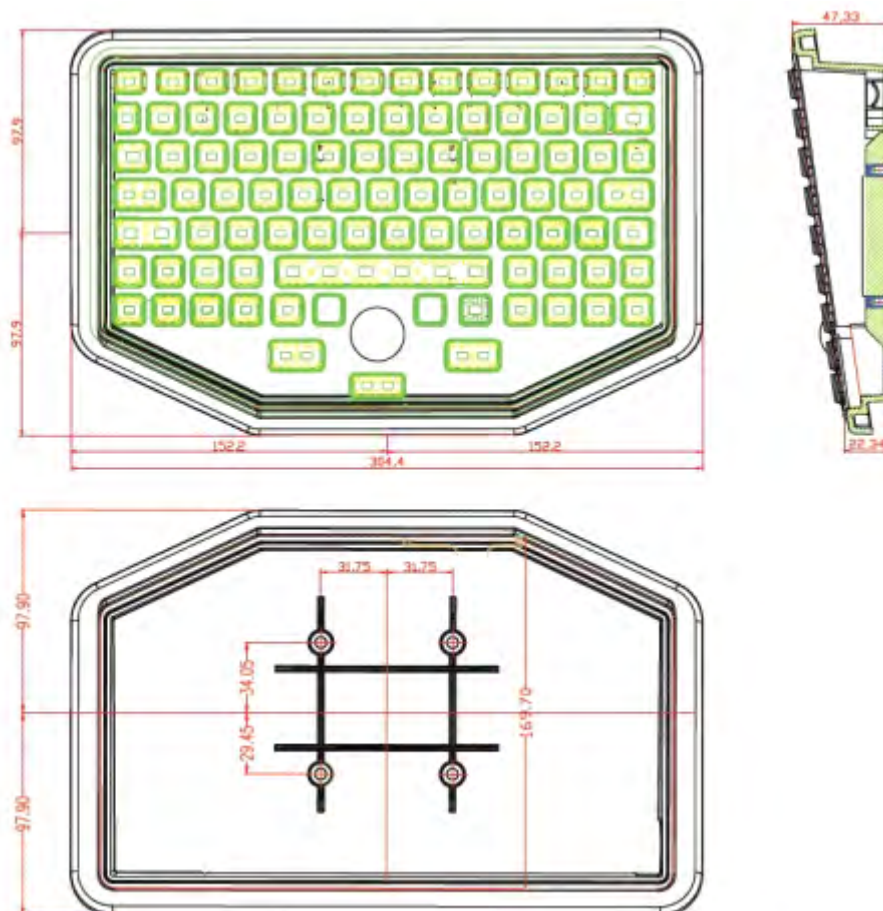
# K-TEK-M275-OTB-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 92 keys, IP68 dynamic rated optical trackball module with 800 DPI resolutions, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, **Clean** key for easy cleaning, mountable desk top version with robust polycarbonate case, adjustable industrial backlight optional.



- **Number of Keys: 92**
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.20 kgs
- **Dimensions:** 304.40mm x 195.8mm x 47.3(22.3) (L x W x H)

Product Name		IP Rate	
K-TEK-M275-OTB-FN-DT	Keyboard; Trackball; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			





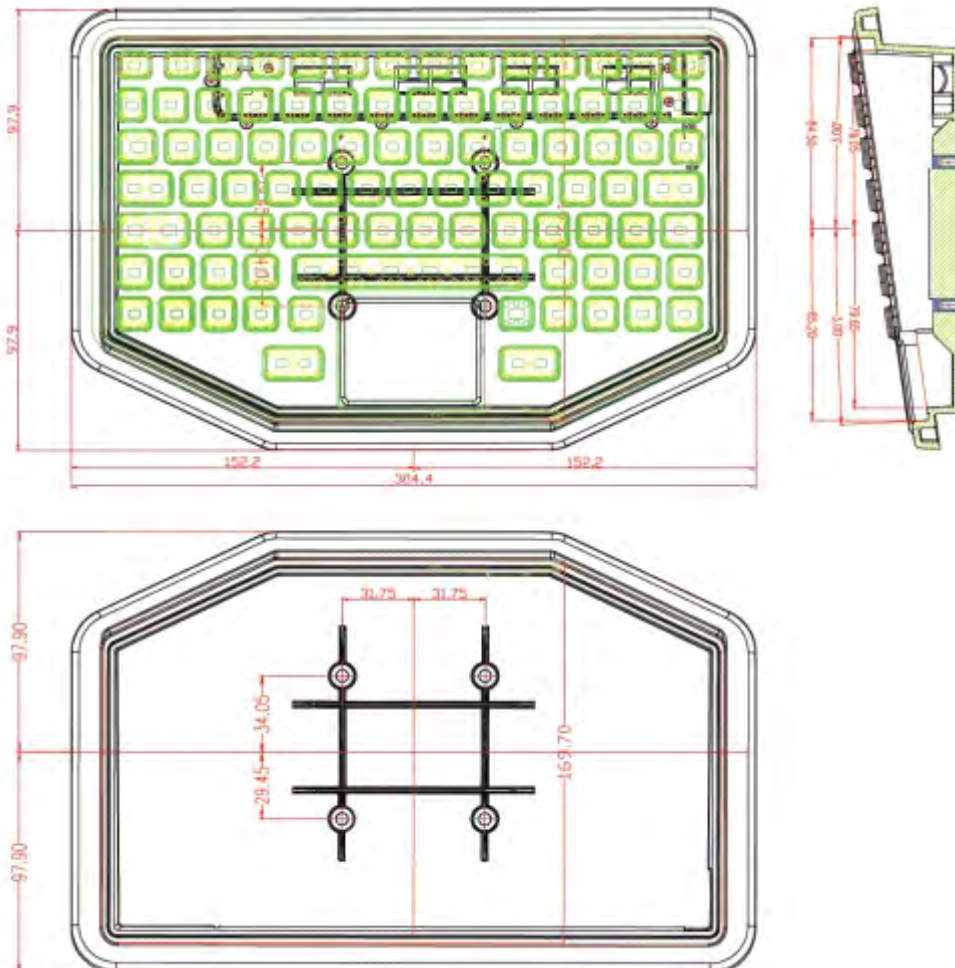
# K-TEK-M275TP-FN-DT

**DESCRIPTION:** 89 keys IP68 rated compact format ruggedized industrial silicone rubber keyboard with full keyboard functionalities with sealed & ruggedized tough touchpad, integrated numeric keypad & function keys, with carbon-on-gold key switch technology with stroke 1.50mm, tactile feed back, with durable coating & antimicrobial keyboard surface resistant to most chemicals and corrosive liquids, **Clean** key for easy cleaning, wall mounting desk top version with robust polycarbonate case, **adjustable industrial backlight optional, wired and wireless optional.**



- **Number of Keys:** 89
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.00 kgs
- **Dimensions:** 304.40mm x 195.8mm x 47.3(22.3) (L x W x H)

Product Name		IP Rate	
K-TEK-M275TP-FN-DT	Keyboard; Touchpad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



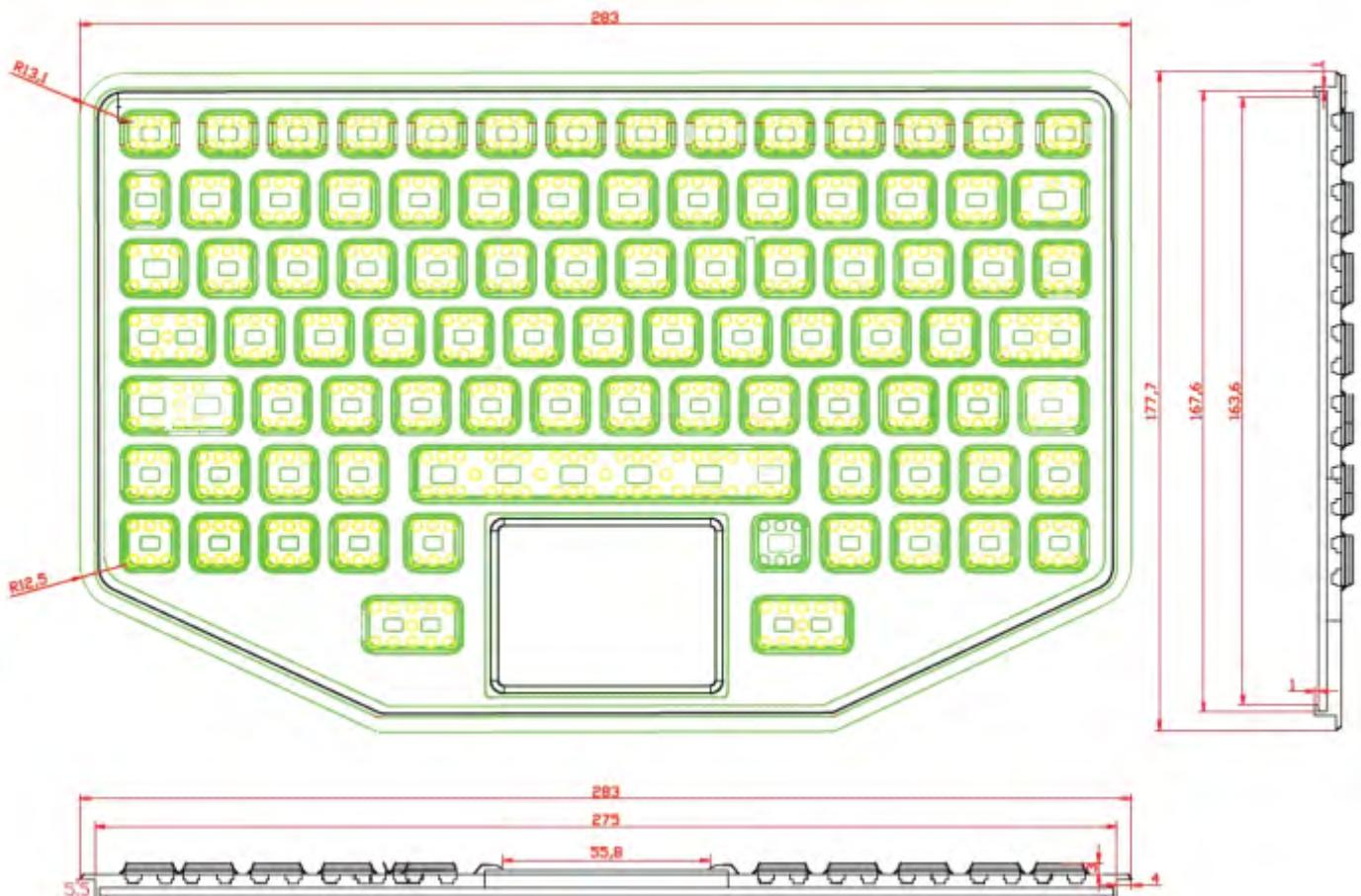
## K-TEK-M275TP-FN-OEM

**DESCRIPTION:** 89 keys IP65 dynamic rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with sealed & ruggedized tough touchpad, integrated numeric keypad & function keys, with carbon-on-gold key switch technology with stroke 1.50mm, tactile feedback, with durable coating & antimicrobial keyboard surface resistant to most chemicals and corrosive liquids, Clean key for easy cleaning without taking out from PC, front panel mounting solution, adjustable industrial backlight optional, Industrial level keyboard and Military level keyboard optional.



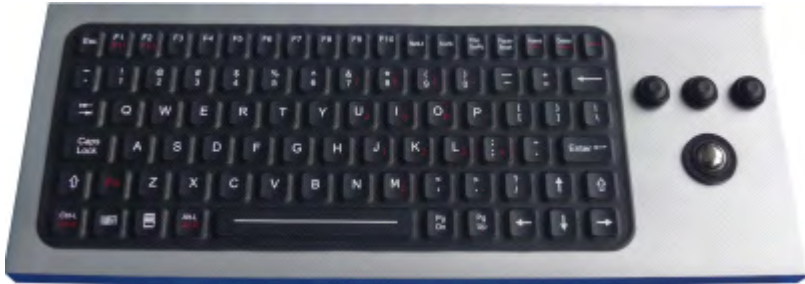
- **Number of Keys:** 89
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 0.80 kgs
- **Dimensions:** 275.0mm x 167.60mm (L x W)

Product Name		IP Rate
K-TEK-M275TP-FN-OEM	Keyboard; Touchpad; Function keys	PS/2;USB IP65 Dynamic
Other language versions/interfaces/configuration available on request		



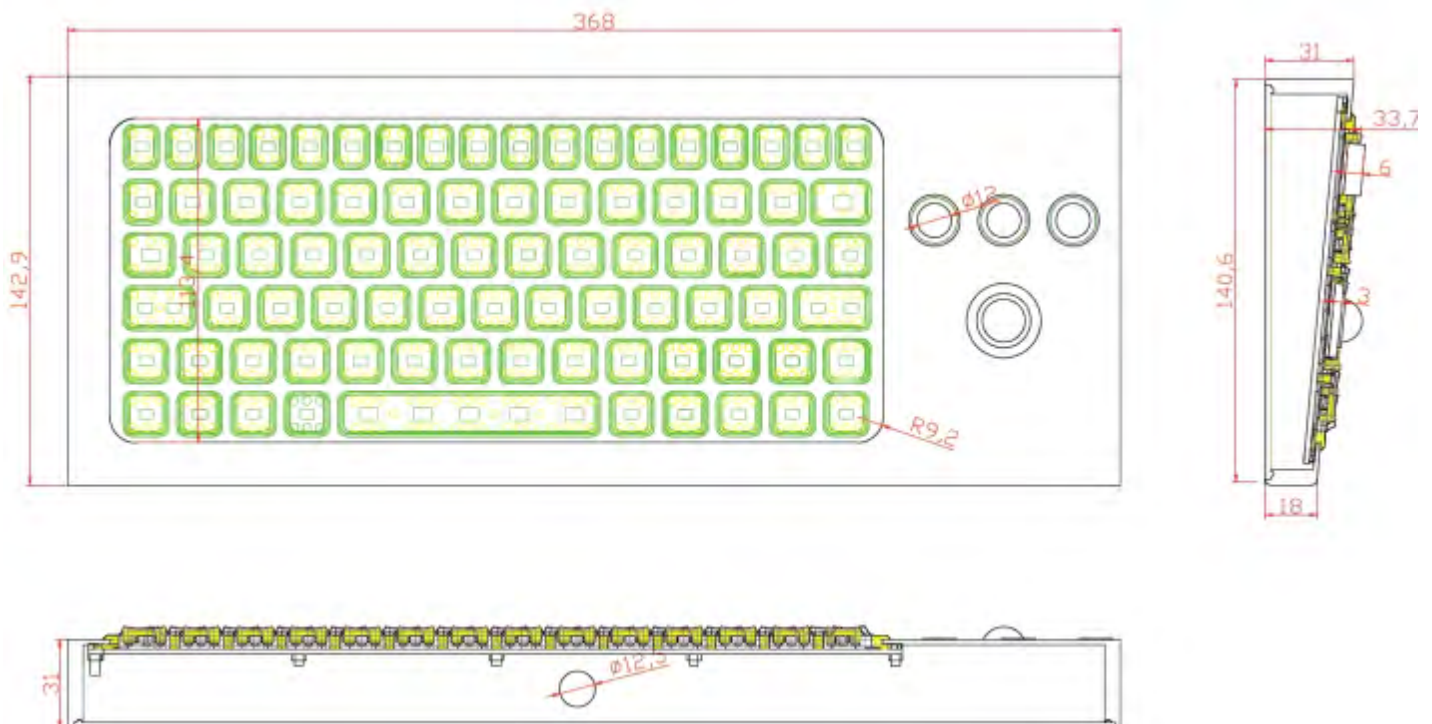
## K-TEK-M368-OTB-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 86keys, IP68 dynamic rated 12mm optical trackball module with 400 DPI resolutions, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, mountable desk top version with robust polycarbonate case, adjustable industrial backlight optional.



- **Number of Keys:** 86
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.30 kgs
- **Dimensions:**368.0mm x 142.90mm x 31.0mm (L x W x H)

Product Name		IP Rate	
K-TEK-M3 68-OTB-FN-DT	Keyboard; Optical trackball; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M375KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with 106 keys, integrated numeric keypad, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, movable stand alone desk top version, adjustable industrial backlight optional.

**APPLICATIONS:**

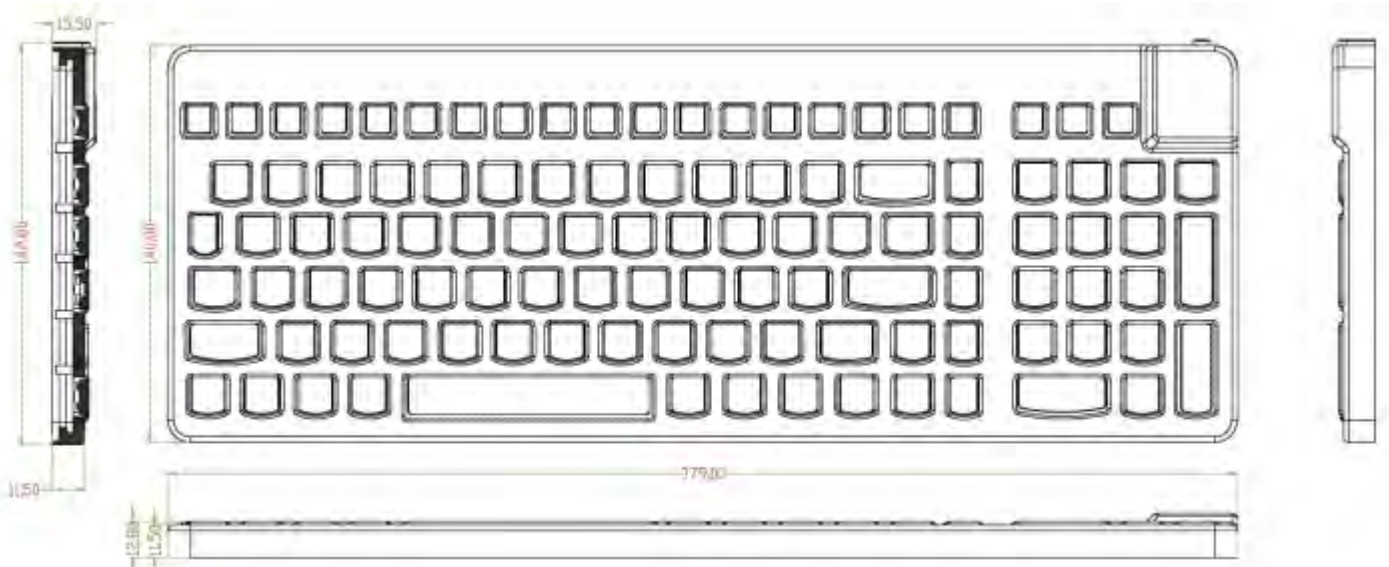
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

- **MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- **MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc
- **MILITARY:** Army, Navy, Air force
- **INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- **OTHER INDUSTRIES**



- **Number of Keys:** 106
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.80 kgs
- **Dimensions:** .379.0mmx142.8mmx15.5mm(L x W x H)

Product Name			IP Rate
K-TEK-M375KP-FN-DT	Keyboard; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M376KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 119 keys, integrated numeric keypad, **24 function keys** and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, **Clean** key for easy cleaning, stand alone desk top version with sealed aluminum back plate with sand blasting & oxygenation surface treatment, adjustable industrial backlight optional.

**APPLICATIONS:**

This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

MEDICAL: lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;

MATERIAL HANDLING: mobile keyboard, data entry, assembly line etc

MILITARY: Army, Navy, Air force

INDUSTRIAL: Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses

OTHER INDUSTRIES



- **Number of Keys:** 119
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.60 kgs
- **Dimensions:** 376.0mm x 170.0mm x 18.0mm (L x W x H)

Product Name		IP Rate	
K-TEK-M375KP-FN-DT	Keyboard; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M390KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with 106 keys, integrated numeric keypad, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, movable stand alone desk top version with sealed 5.0mm aluminum back plate with sand blasting & oxygenation surface treatment, adjustable industrial backlight optional.

**APPLICATIONS:**

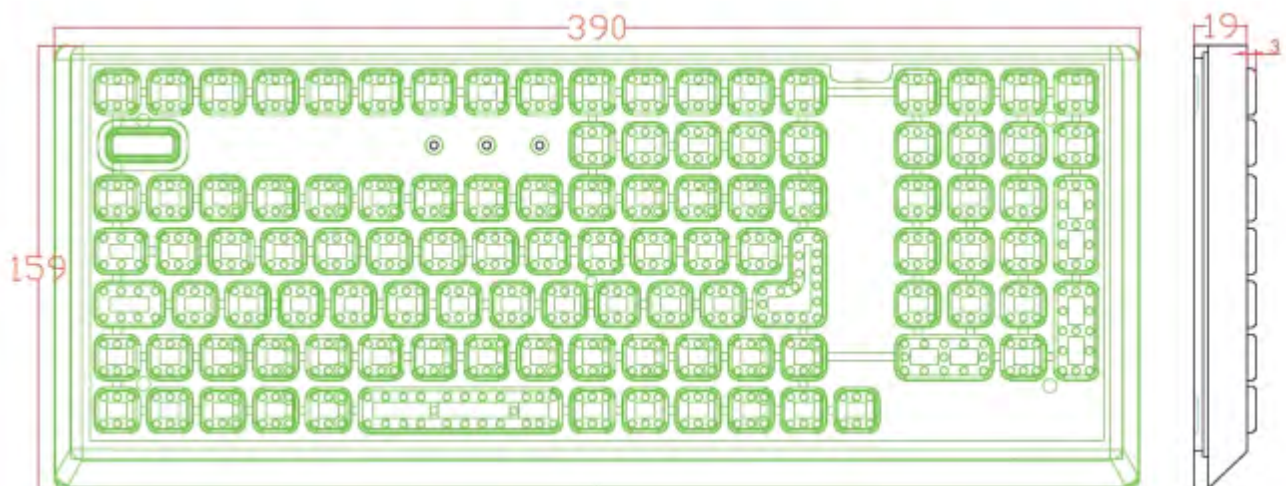
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

- **MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- **MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc
- **MILITARY:** Army, Navy, Air force
- **INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- **OTHER INDUSTRIES**



- **Number of Keys:** 106
- **Clean key**  
-Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime  
-User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **Enclosure:** industrial silicone, Aluminum (rear side).
- **G.W.:** 1.40 kgs
- **Dimensions:** 390.0mm x 159.0mm x 19.0mm (L x W x H)

Product Name		IP Rate	
K-TEK-M390KP-FN-DT	Keyboard; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M399KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with 106 keys, integrated numeric keypad, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, movable stand alone desk top version with robust polycarbonate case, adjustable industrial backlight optional.

## APPLICATIONS:

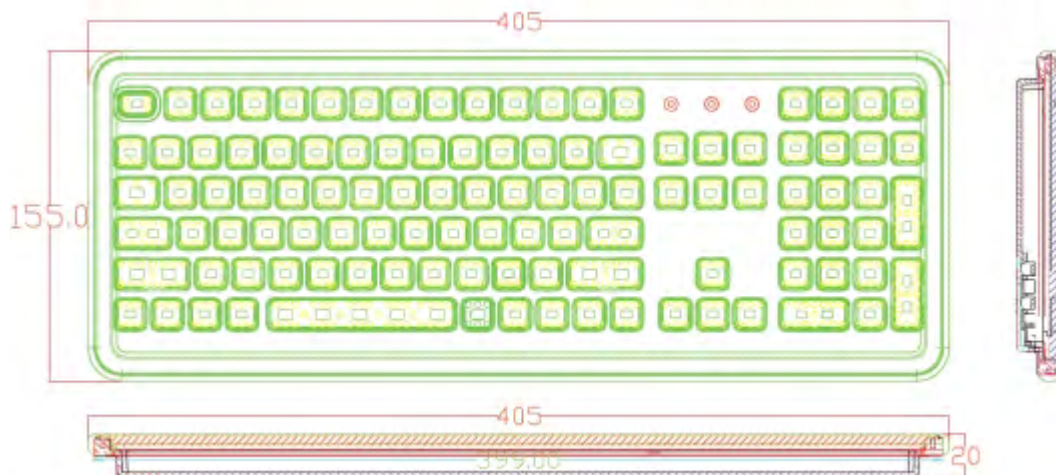
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

- **MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- **MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc
- **MILITARY:** Army, Navy, Air force
- **INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- **OTHER INDUSTRIES**



- **Number of Keys:** 106
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Enclosure: industrial silicone, Aluminum (rear side).
- **G.W.:** 1.20 kgs
- **Dimensions:** 399.0mm x 155.0mm x 20.0mm (L x W x H)

Product Name			IP Rate
K-TEK-M399KP-FN-DT	Keyboard; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



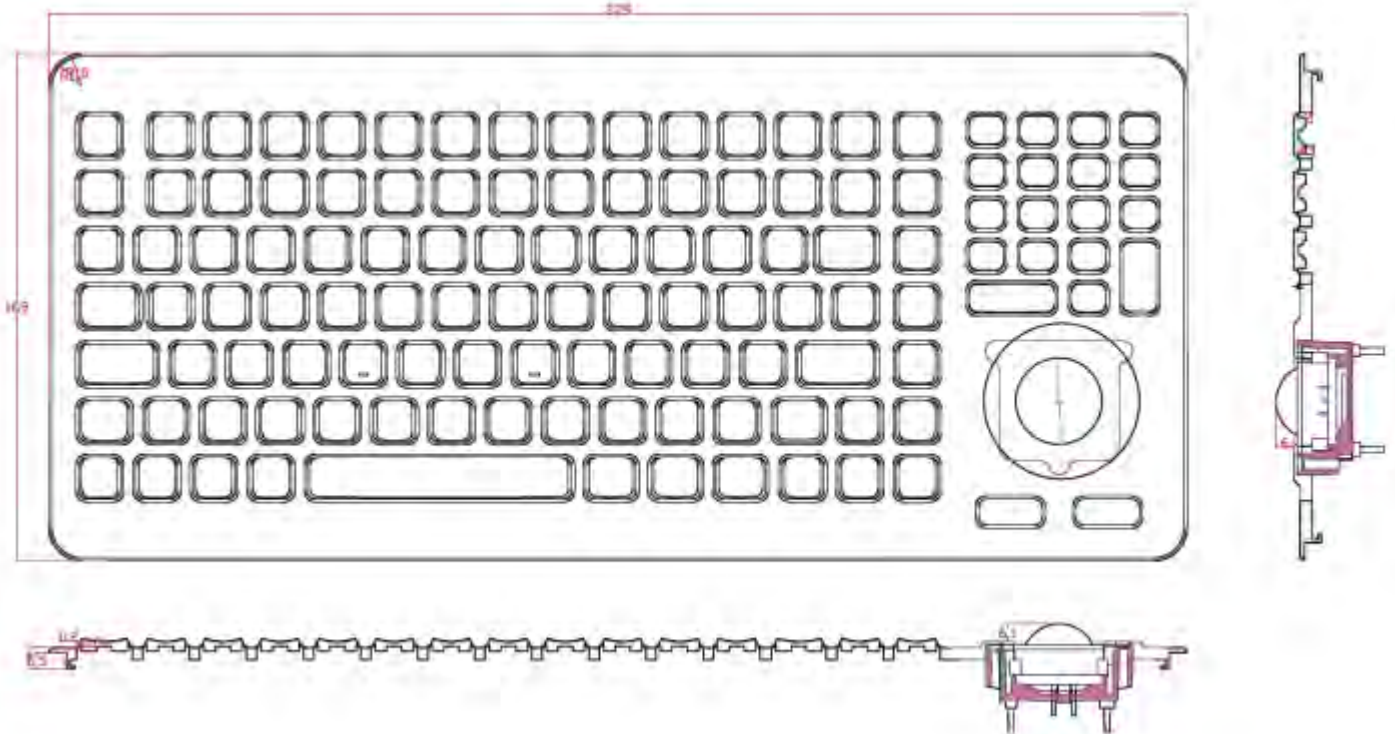
# K-TEK-M379-OTB-KP-FN-OEM

**DESCRIPTION:** IP65 dynamic rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 120 keys, integrated numeric keypad and 24 FN keys, 25mm IP68 dynamic rated washable optical trackball module with 800 DPI resolutions, function keys, with carbon-on-gold key switch technology with stroke 1.50mm with tactile feeling, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, top silicone rubber tightly sealed with robust polycarbonate frame with top panel mounted solution, adjustable industrial backlight optional. (Industrial level and Military level optional).



- **Number of Keys:** 120
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.20 kgs
- **Dimensions:** 379.00mm x 169.00mm (L x W)

Product Name			IP Rate
K-TEK-M379-OTB-KP-FN-OEM	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad, Function keys;	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





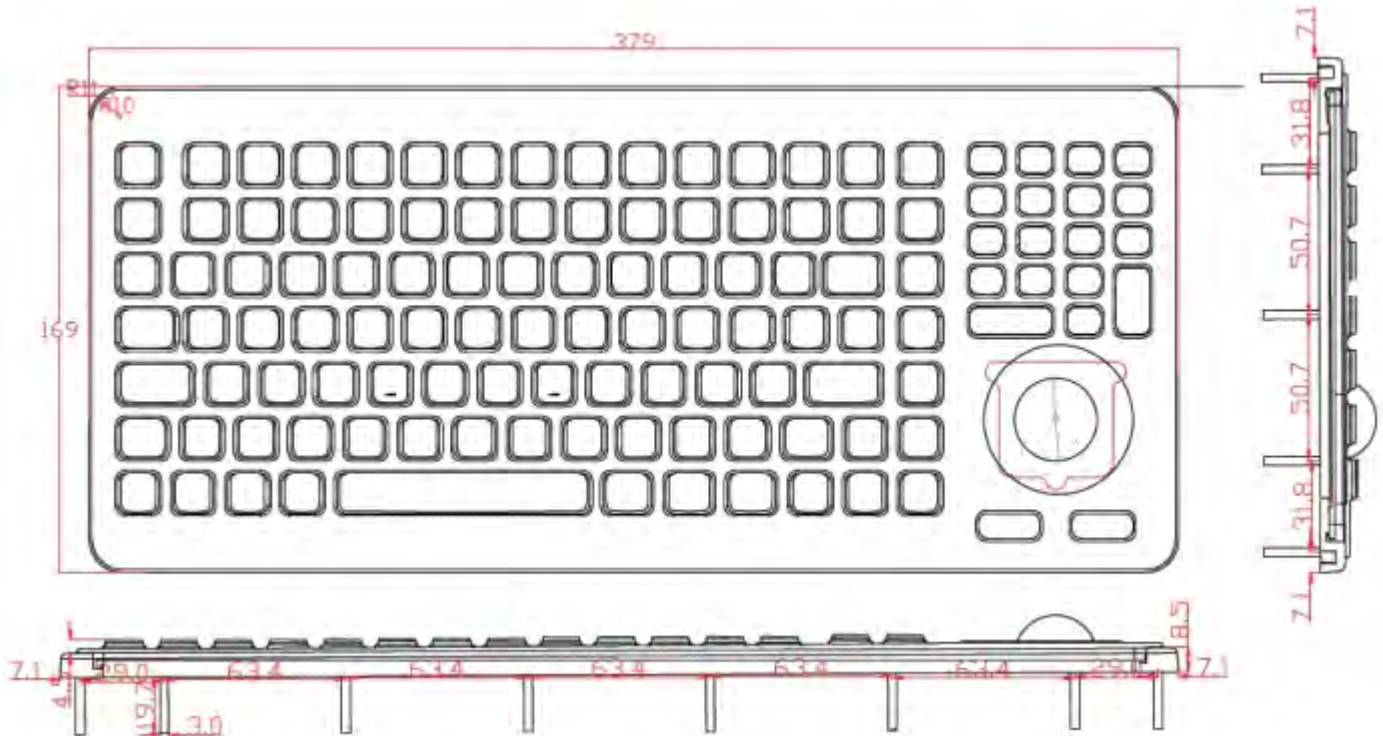
## K-TEK-M379-OTB-KP-FN

**DESCRIPTION:** IP65 dynamic rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 120 keys, integrated numeric keypad and 24 FN keys, 25mm IP68 dynamic rated optical trackball module with 800 DPI resolutions, function keys, with carbon-on-gold key switch technology with stroke 1.50mm with tactile feeling, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, top panel mounted with plastic frame sealed with top ruggedized industrial silicone cover, adjustable industrial backlight optional.



- **Number of Keys:** 120
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 1.30 kgs
- **Dimensions:** 379.0mm x 169.0mm( L x W)

Product Name		IP Rate	
K-TEK-M379--OTB-KP-FN	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad, Function keys	PS/2;USB	IP6 5 Dynamic
Other language versions/interfaces/configuration available on request			



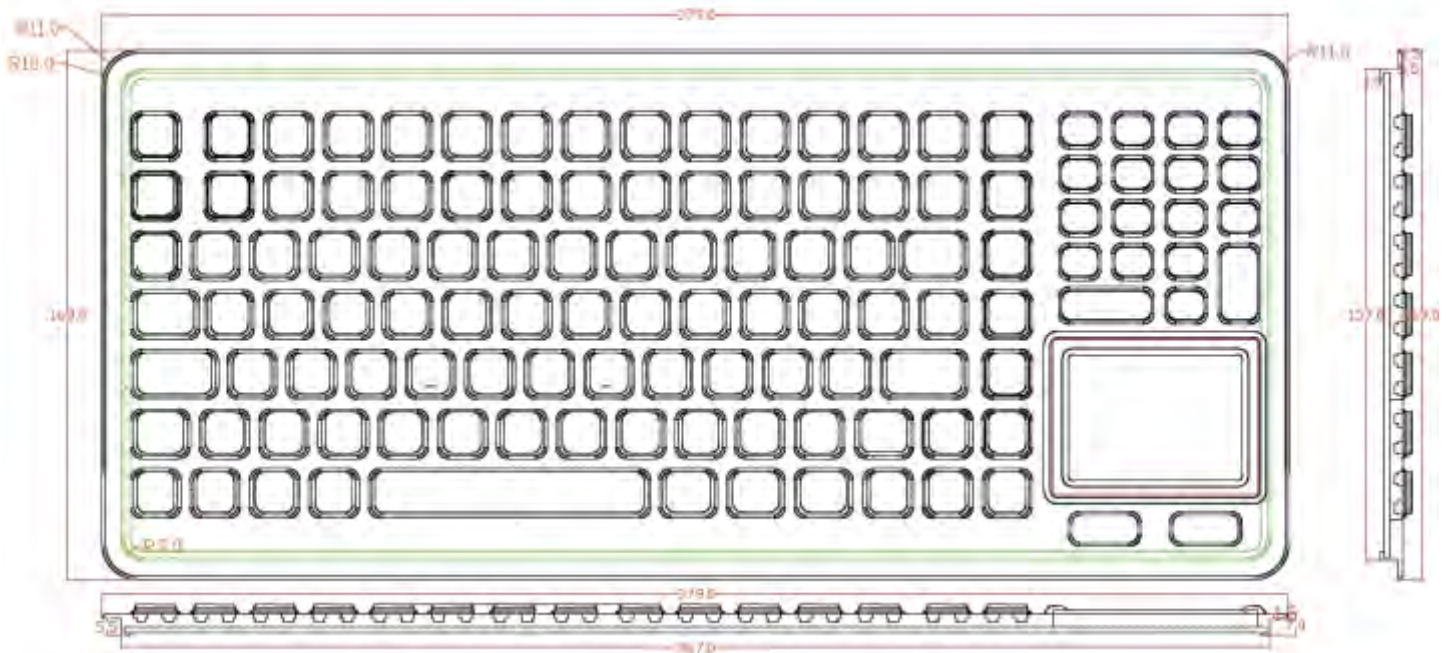
## K-TEK-M379TP-KP-FN-OEM

**DESCRIPTION:** IP65 dynamic rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 120 keys, integrated numeric keypad and 24 FN keys, sealed & ruggedized tough touchpad, function keys, with carbon-on-gold key switch technology with stroke 1.50mm with tactile feeling, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, top silicone rubber tightly sealed with robust polycarbonate frame with top panel mounted solutions , adjustable industrial backlight optional.



- **Number of Keys:** 120
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W:** 0.80 kgs
- **Dimensions:** 379.00mm x 167.00mm ( L x W )

Product Name		IP Rate	
K-TEK-M379TP-KP-FN-OEM	Keyboard; Numeric Keypad; Touchpad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



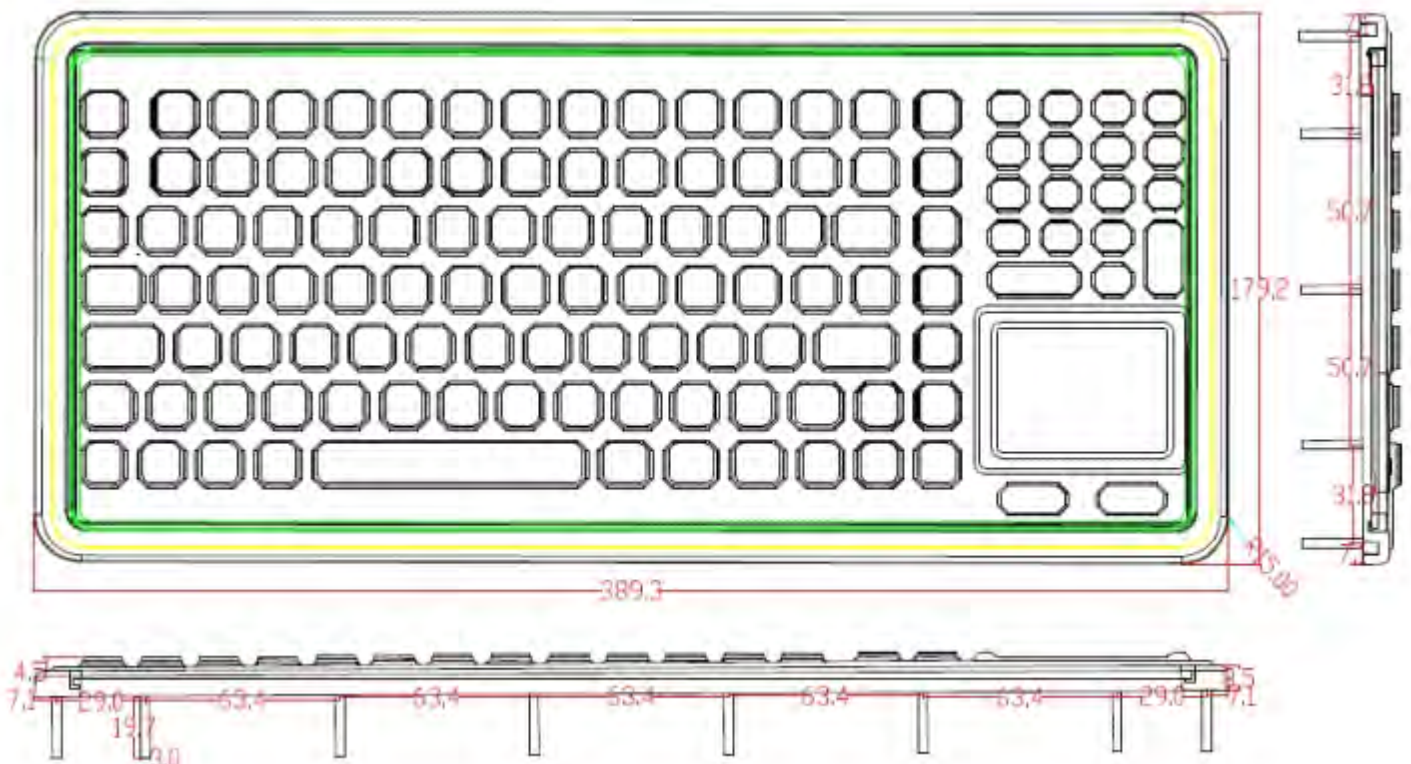
# K-TEK-M379TP-KP-FN

**DESCRIPTION:** IP65 dynamic rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 120 keys, integrated numeric keypad and 24 FN keys, sealed & ruggedized tough touchpad, function keys, with carbon-on-gold key switch technology with stroke 1.50mm with tactile feeling, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, top silicone rubber tightly sealed with robust polycarbonate frame with top panel mounted solutions , adjustable industrial backlight optional.

- **Number of Keys:** 120
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- **G.W.:** 1.00 kgs
- **Dimensions:** 389.3.0mm x 179.2.0mm(L x W )



Product Name			IP Rate
K-TEK-M379TP-KP-FN	Keyboard; Numeric Keypad; Touchpad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M390TP-KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 108 keys, integrated numeric keypad, sealed & ruggedized tough touchpad, function keys; with carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, movable stand alone desk top version with sealed 5.0mm aluminum back plate with sand blasting & oxygenation surface treatment, adjustable industrial backlight optional.

**APPLICATIONS:**

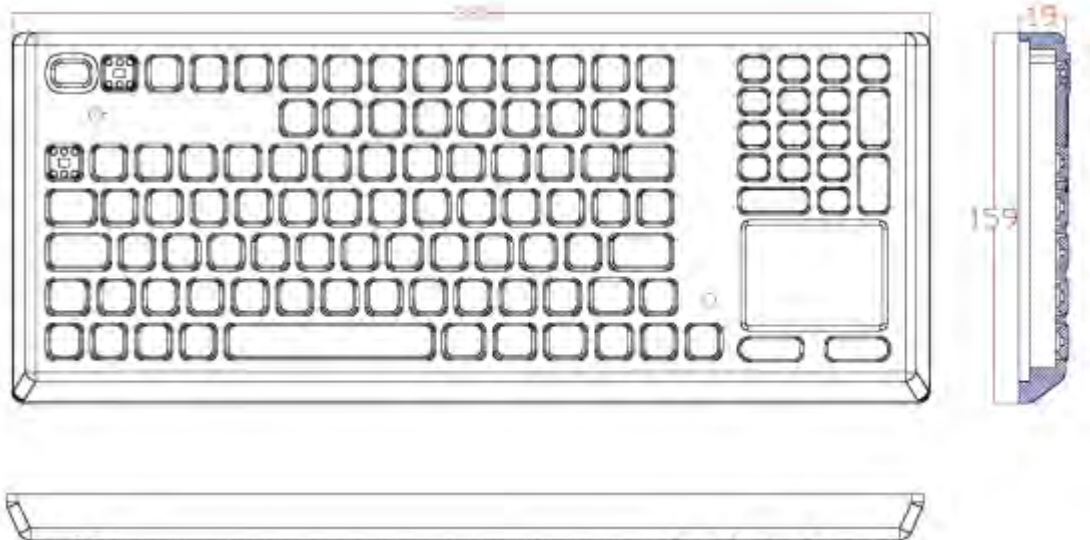
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its numeric pad allows for easy data entry.

- MEDICAL: lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- MATERIAL HANDLING: mobile keyboard, data entry, assembly line etc
- MILITARY: Army, Navy, Air force
- INDUSTRIAL: Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- OTHER INDUSTRIES



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Enclosure: industrial silicone, Aluminum (rear side).
- **G.W:** 1.50 kgs
- **Dimensions:** 390.0mm x 159.0mm x 19.0mm(L x W x H)

Product Name			IP Rate
K-TEK-M390TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M396TP-KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 108 keys, integrated numeric keypad, sealed & ruggedized tough touchpad, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, mountable desk top version with robust polycarbonate case, adjustable industrial backlight optional.

**APPLICATIONS:**

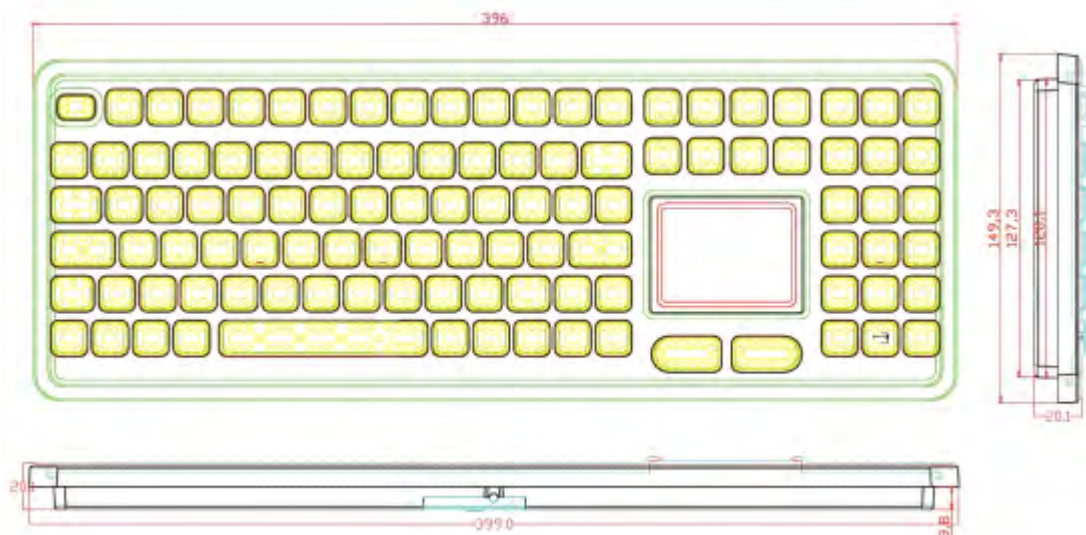
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated touchpad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its large numeric pad allows for easy data entry, while its robust polycarbonate case protects it against any hazardous environment.

- **MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- **MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc
- **MILITARY:** Army, Navy, Air force
- **INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- **OTHER INDUSTRIES**



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Enclosure: industrial silicone, Aluminum (rear side).
- **G.W.:** 1.30 kgs
- **Dimensions:** 396.0mm x 149.3mm x 20.1mm (L x W x H)

Product Name			IP Rate
K-TEK-M396TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys; Mounting Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-M396-OTB-KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 109 keys, integrated numeric keypad, IP68 dynamic rated 16mm optical trackball module with 800 DPI resolutions, function keys and carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, mountable desk top version with robust polycarbonate case, adjustable industrial backlight optional.

**APPLICATIONS:**

**MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc

**MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc

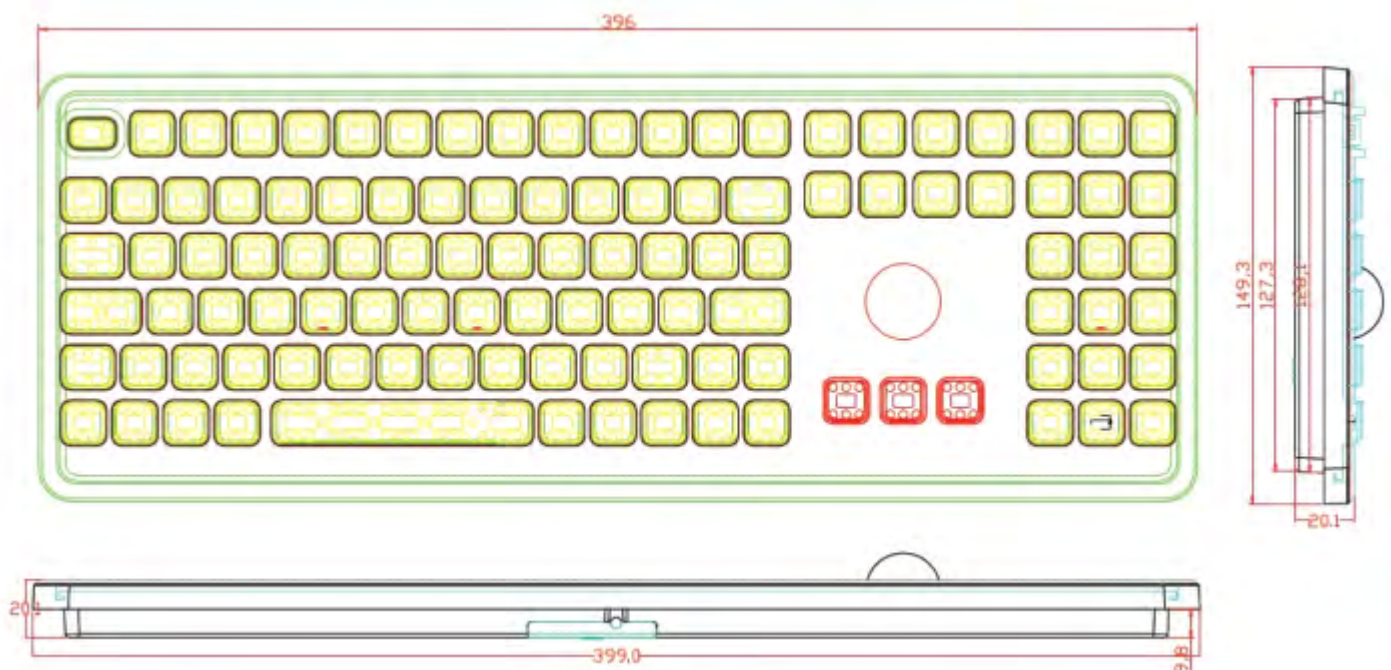
**MILITARY:** Army, Navy, Air force

**INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses



- **Number of Keys:** 109
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Enclosure: industrial silicone, Aluminum (rear side).
- **G.W.:** 1.50 kgs
- **Dimensions:** 396.0mm x 149.3mm x 20.1mm (L x W x H)

Product Name			IP Rate
K-TEK-M396TB-KP-FN-DT	Keyboard; Trackball; Numeric Keypad; Function keys; Desk top version keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-M399TP-KP-FN-DT

**DESCRIPTION:** IP68 rated ruggedized industrial silicone rubber keyboard with full keyboard functionalities with 108 keys, integrated numeric keypad, sealed & ruggedized tough touchpad, function keys; with carbon-on-gold key switch technology with stroke 1.50mm, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, Clean key for easy cleaning, standard alone desk top version with robust polycarbonate case, adjustable industrial backlight optional.

**APPLICATIONS:**

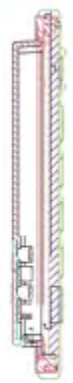
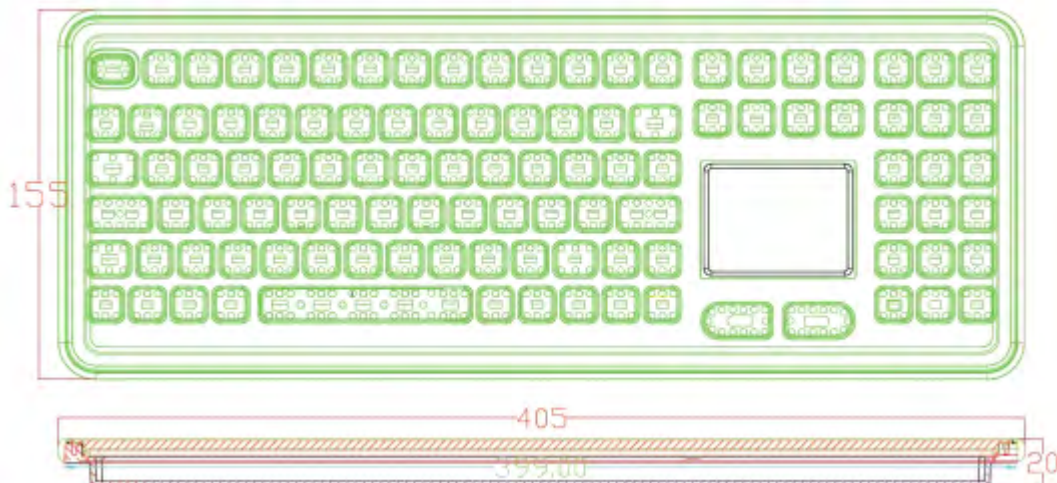
This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated touchpad. For working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings. Its large numeric pad allows for easy data entry, while its robust polycarbonate case protects it against any hazardous environment.

- MEDICAL: lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;
- MATERIAL HANDLING: mobile keyboard, data entry, assembly line etc
- MILITARY: Army, Navy, Air force
- INDUSTRIAL: Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses
- OTHER INDUSTRIES



- **Number of Keys:** 108
- **Clean key**
  - Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime
  - User is notified of 'lock down mode' by brightly lit CLEAN KEY
- Enclosure: industrial silicone, Aluminum (rear side).
- **G.W.:** 1.20 kgs
- **Dimensions:** 399.0mm x 155.0mm x 20.0mm(L x W x H)

Product Name		IP Rate	
K-TEK-M399TP-KP-FN-DT	Keyboard; Touchpad; Numeric Keypad; Function keys; Desk top keyboard	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			

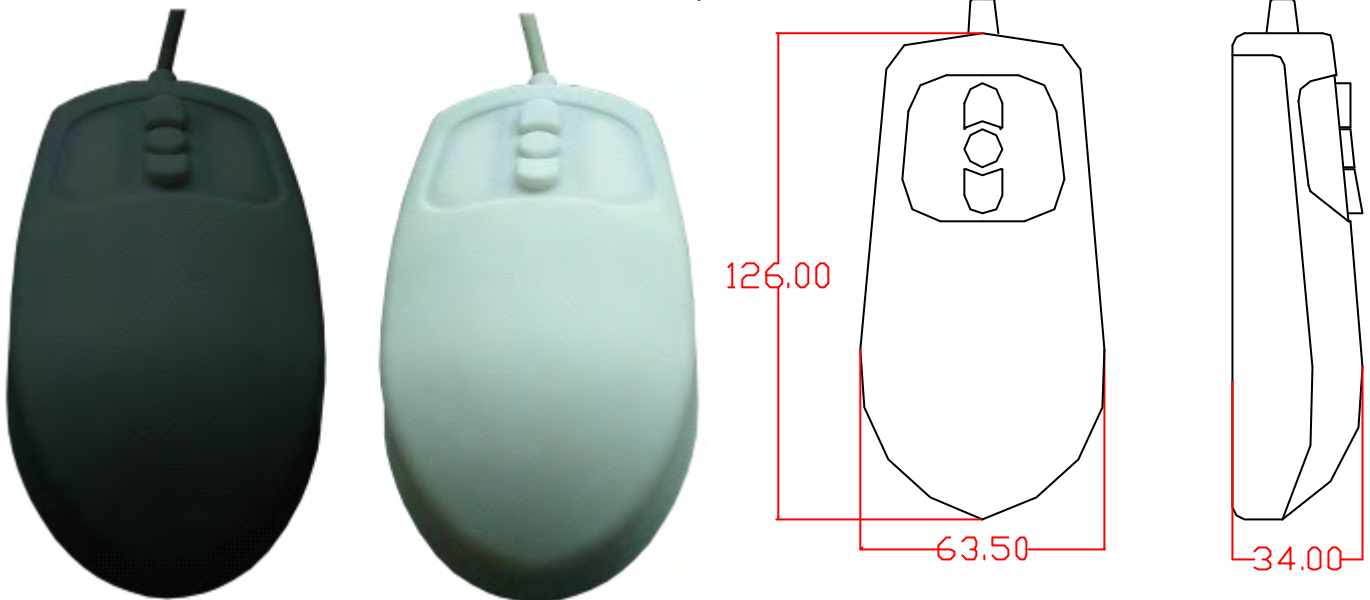


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# IP68 MOUSE

## K-TEK-M64-OMS-DT

**DESCRIPTION:** The 5 keys Waterproof, Hygienic Optical Mouse is specially designed for use in medical, industrial and marine applications. The mouse is full sized and features a 5-buttons designed for right & left clicking and scrolling up and down just like to a conventional non-waterproof mouse, and it is a fully sealed IP68 and compatible with both USB and PS/2. This waterproof and chemical resistant mouse can be disinfected with standard cleaners and disinfectants, alcohol and even 10% bleach solution. stand alone desk top version.



### MAIN FEATURES AND BENEFITS :

- Optical IP68 mouse
- No raised or recessed surfaces
- May be disinfected as part of an infection control program
- Suitable for moist and dusty environments
- Three extra buttons for effortless scroll up, scroll down & scroll lock
- Excellent soft-touch tactile key response
- Special Dura-coating for excellent mechanical and chemical resistance
- Cable Length: 2.5m
- G.W.: 0.5KGs
- Dimensions: 126.0mm x 63.5mm x 34.0mm (L x W x H)

### ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating:
  - PS2: keyboard with 210mA@5V
  - USB: 220mA@5V (from CPU port)
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC EN55022: 1988+A1:2000+A2:2003 EN55024: 1988+A1: 2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan> 3 years
- Switch Contact Material: Gold-on-Gold key switch technology with gold PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**



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## **ENVIRONMENTAL ADAPTABILITY**

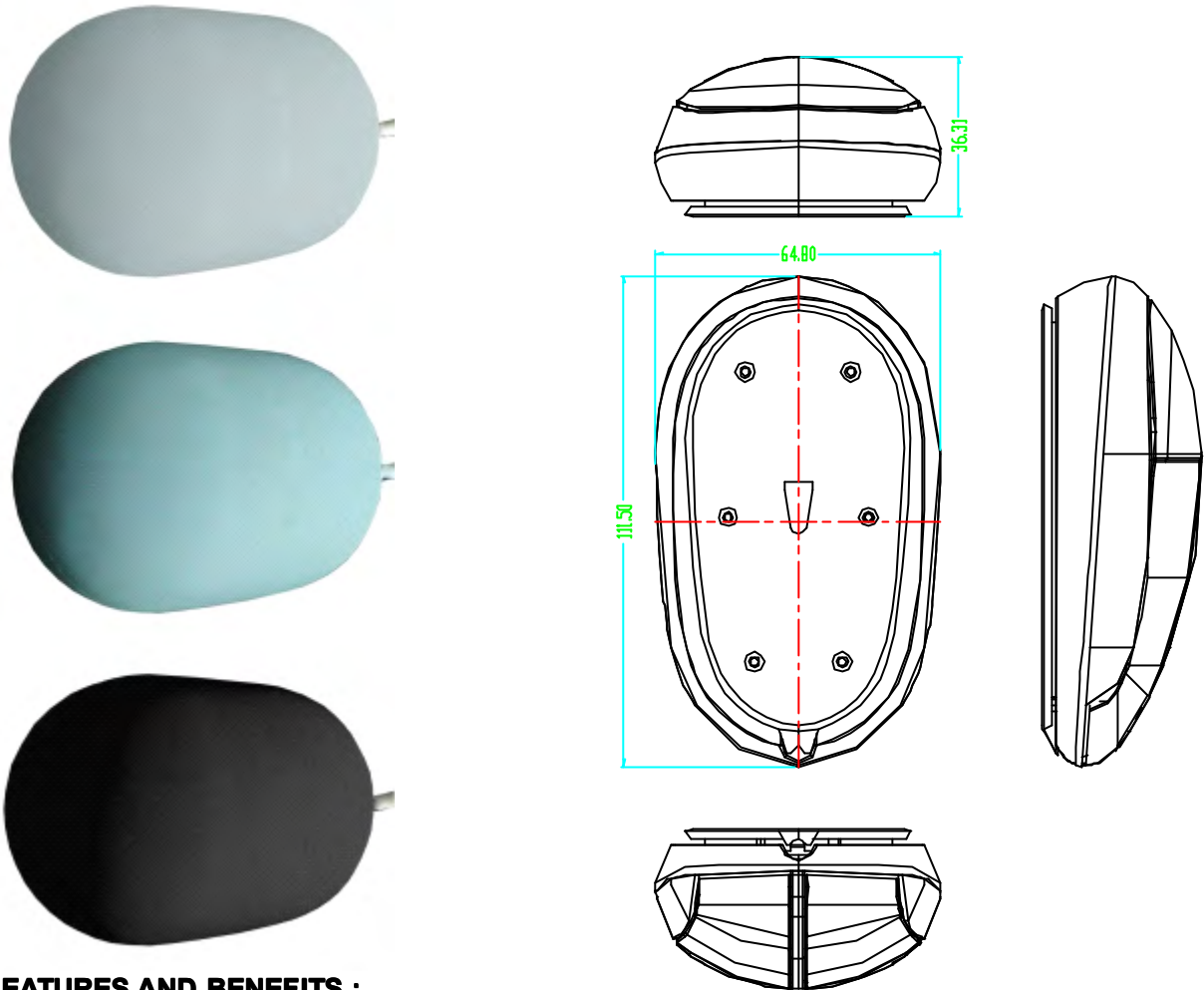
- Operating temperature:-30°C to +65°C
- Storage temperature: :-40°C to +65°C
- Humidity: 100%
- Atmospheric pressure: 60-106Kpa
- Flammability  
PRINTED CIRCUIT BOARD: 94 VO  
SILICONE OVERLAY: 94 HB  
INTERFACE CABLE: 94 V

## **RELIABILITY**

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP68, NEMA 6P**
- Key Lifespan >5 million actuations
- MTBF >50000H
- MTTR <30min

## K-TEK-M65-OMS-DT

**DESCRIPTION:** IP68 rated Ruggedized Easily Cleaned Optical Mouse Designed for Medical Environments, with durable coating & antimicrobial mouse surface withstand to most chemicals and liquids under harsh environments, the smooth latex-free surface provides hypoallergenic advantages, while eliminating nooks and crannies where bacteria can hide, and it is a fully sealed IP68 and compatible with both USB and PS2.



### MAIN FEATURES AND BENEFITS :

- Optical IP68 mouse
- No raised or recessed surfaces
- May be disinfected as part of an infection control program
- Surface is comprised of pliant silicone-based material
- The comfortable, ergonomic design features standard right and left button functionality.
- Excellent soft-touch tactile key response
- Special Dura-coating for excellent mechanical and chemical resistance
- Cable Length: 2.5m
- G.W.: 0.5KGs
- Dimensions: 111.5mm x 64.8mm x 36.31mm (L x W x H)

### ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating:
  - PS2: keyboard with 210mA@5V
  - USB: 220mA@5V (from CPU port)
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC EN55022: 1988+A1:2000+A2:2003 EN55024: 1988+A1: 2001+A2:2003

- 
- Emission: EN 50081-1
  - Immunity: EN 50082-1
  - Lifespan> 3 years
  - Switch Contact Material: Gold-on-Gold key switch technology with gold PCB.
  - Interface: PS2, USB available.
  - **OS:Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## **ENVIRONMENTAL ADAPTABILITY**

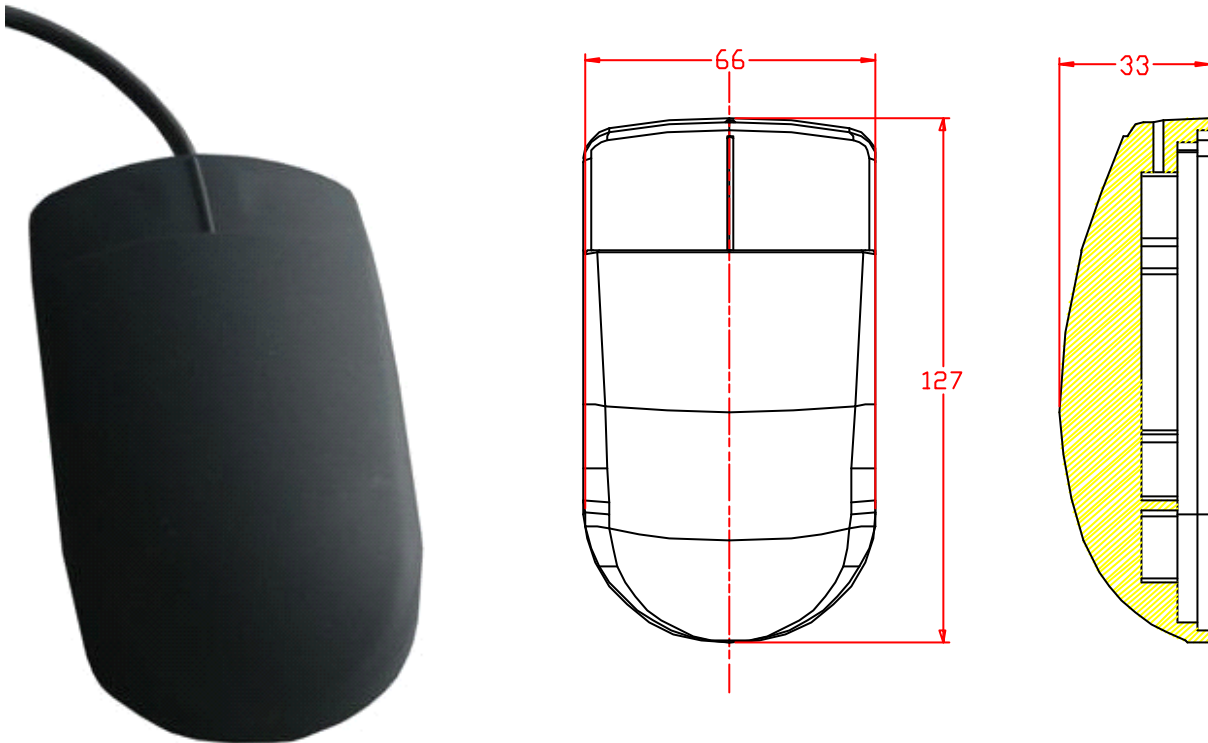
- Operating temperature:-30°C to +65°C
  - Storage temperature: :-40°C to +65°C
  - Humidity: 100%
  - Atmospheric pressure: 60-106Kpa
  - Flammability
- PRINTED CIRCUIT BOARD: 94 VO  
SILICONE OVERLAY: 94 HB  
INTERFACE CABLE: 94 V

## **RELIABILITY**

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP68, NEMA 6P**
- Key Lifespan >5 million actuations
- MTBF >50000H
- MTTR <30min

## K-TEK-M66-OMS-DT

**DESCRIPTION:** IP68 rated Ruggedized industrial silicone rubber mouse with gold-on-gold key switch technology with short stroke 0.45mm for mouse buttons, with durable coating & antimicrobial mouse surface withstand to most chemicals and liquids under harsh environments, stand alone desk top version with sealed 5.0mm aluminum back plate with sand blasting & oxygenation surface treatment, and it is a fully sealed IP68 and compatible with both USB and PS/2.



### MAIN FEATURES AND BENEFITS :

- Optical IP68 mouse
- Rugged construction with metal base plate
- 2 integrated Mouse buttons with short travel switches (Positive tactile feedback)
- Rugged construction for reliable functionality
- Special Dura-coating for excellent mechanical and chemical resistance
- Cable Length: 2.5m
- G.W.: 0.5KGs
- Dimensions: 66.0mm x 127.0mm x 33.0mm (L x W x H)

### ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating:  
PS2: keyboard with 210mA@5V  
USB: 220mA@5V (from CPU port)
- EMC Standard: It is compliance with the council EMC directive 89/336/EEC EN55022: 1988+A1:2000+A2:2003 EN55024: 1988+A1: 2001+A2:2003
- Emission: EN 50081-1
- Immunity: EN 50082-1
- Lifespan> 3 years
- Switch Contact Material: Gold-on-Gold key switch technology with gold PCB.
- Interface: PS2, USB available.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

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## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-30°C to +65°C
- Storage temperature: :-40°C to +65°C
- Humidity: 100%
- Atmospheric pressure: 60-106Kpa
- Flammability

PRINTED CIRCUIT BOARD: 94 VO

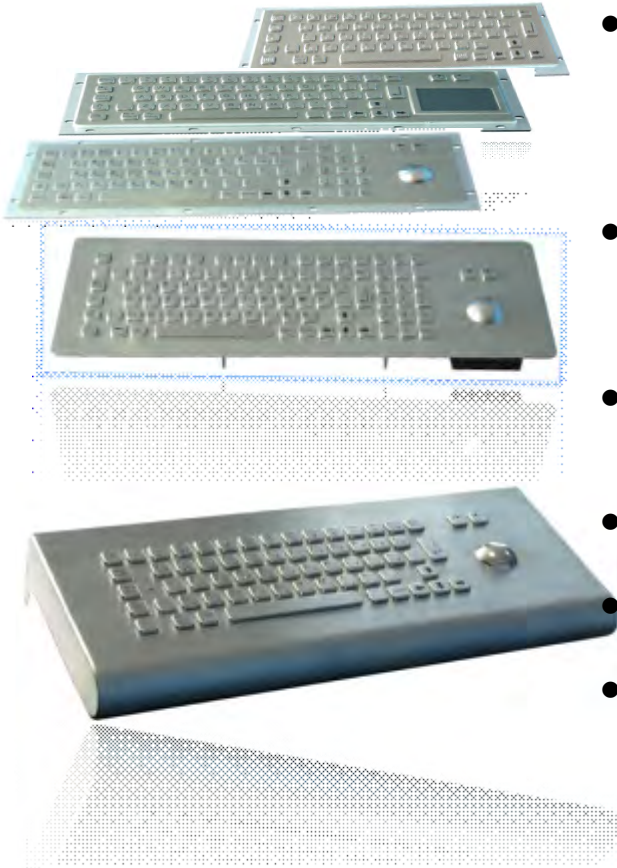
SILICONE OVERLAY: 94 HB

INTERFACE CABLE: 94 V

## RELIABILITY

- **RoHS Compliant, CE and FCC,ESD**
- **Protection Level: IP68, NEMA 6P**
- Key Lifespan >5 million actuations
- MTBF >50000H
- MTTR <30min

# VANDAL PROOF IP65 STAINLESS STEEL KEYBOARD



## MAIN FEATURES

- Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level. We design and manufacture complete electronic modules including controller in close consultation with our customers.
  - Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
  - Waterproof execution according to degree of protection IP65 from the front panel, the keyboard is sealed against the ingress or liquid and dirt when mounted in a suitable enclosure.
  - Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
  - Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
  - Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- 
- Easily mounting into enclosure or panel, and is provided with PS/2, USB connection output cables that plug directly into the host computer for normal keyboard operations.
  - To prevent tampering, Ctrl-Alt-Delete (optional) and Windows keys (optional) are disabled, but creating an alternative key combination which performs the same function as the CTL+ALT+DEL for servicing the system(optional).

## MECHANICAL DATA

- **Key:** super quality brushed stainless steel.
- **Key Size:** 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 100.0mm for space bar.
- **Key travel:** 2.00mm for long stroke (Model A) .  
0.45mm for short stroke (Model B),
- **Switch life:** more than 10 million (mode A) or 5 million (mode B) of operations.
- **Stainless Steel Ball or Hardened Resin Ball both are available.**
- **Actuation Force:**  
Model A, 0.6N+/-0.1N for key 14mm x 14mm (pressure point)  
1.2N+/-0.1N for key 14mm x 28mm (pressure point).  
Model B, 2N+/-0.1N for key 14mm x 14mm (pressure point),  
4N+/-0.1N for key 14mm x 28mm (pressure point).
- **Front Plate:** Super quality brushed SUS304 stainless steel.
- **Lettering:** Sunk laser legends & characters in high quality ink.
- **Actuator/keys materials:** SUS304 stainless steel.

## ELECTRICAL DATA

- **Supply Voltage:** +5V DC +/-5%.
- **Current Rating:** appr. 20mA.
- **EMC Standard:** It is compliance with the council  
EMC directive 89/336/EEC, EN55022:  
1988+A1:2000+A2:2003, EN55024:  
1988+A1:2001+A2:2003.
- **Emission:** EN 50081-1.
- **Immunity:** EN 50082-1.
- **Lifespan:** > 5 years.
- **LED:** All the stainless steel keyboards are available to be with CAPS LOCK LED.
- **Key Switch Technology:** Carbon-on-gold technology for Model A  
Gold-on-gold technology for Model B
- **Interface:** PS2, RS232, USB available. RS232 for EPP.
- **IP65 static Mechanical Trackball, IP65 dynamic laser trackball, IP68 washable optical trackball are all available**
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## ENVIRONMENTAL ADAPTABILITY

- **Operating Temperature:** -10°C to +60°C.
- **Storage Temperature:** -20°C to +70°C.
- **Operating RH:** 30-90%.
- **Atmospheric Pressure:** 60-106Kpa.
- **Saline Mist:** 96 hours, IEC 60512-6.
- **Damp Heat Test at + 40C:** 21 days, IEC 60512-6.
- **Dry Heat Test at + 85C:** 10 days, IEC 60512-6..

## RELIABILITY

- **ROHS Compliant,ESD, CE and FCC approval.**
- **Protection Level:** IP65
- **Vandal resistant:** IK09 (mode A) & IK10 (mode B) .
- **Key Lifespan:** >10 million (mode A) or 5 million (mode B) of operations. .
- **MTBF:** >50000H.
- **MTTR:** <30min.



# KEYBOARD WITH TRACKBALL

## K-TEK-330TB

**DESCRIPTION:** 65 keys compact format vandal proof IP65 stainless steel keyboard with integrated 25mm stainless steel trackball and 6 mouse keys, with long stroke 2.0mm(Model A) or short stroke 0.45mm (Model B), with rear panel mounting solution.



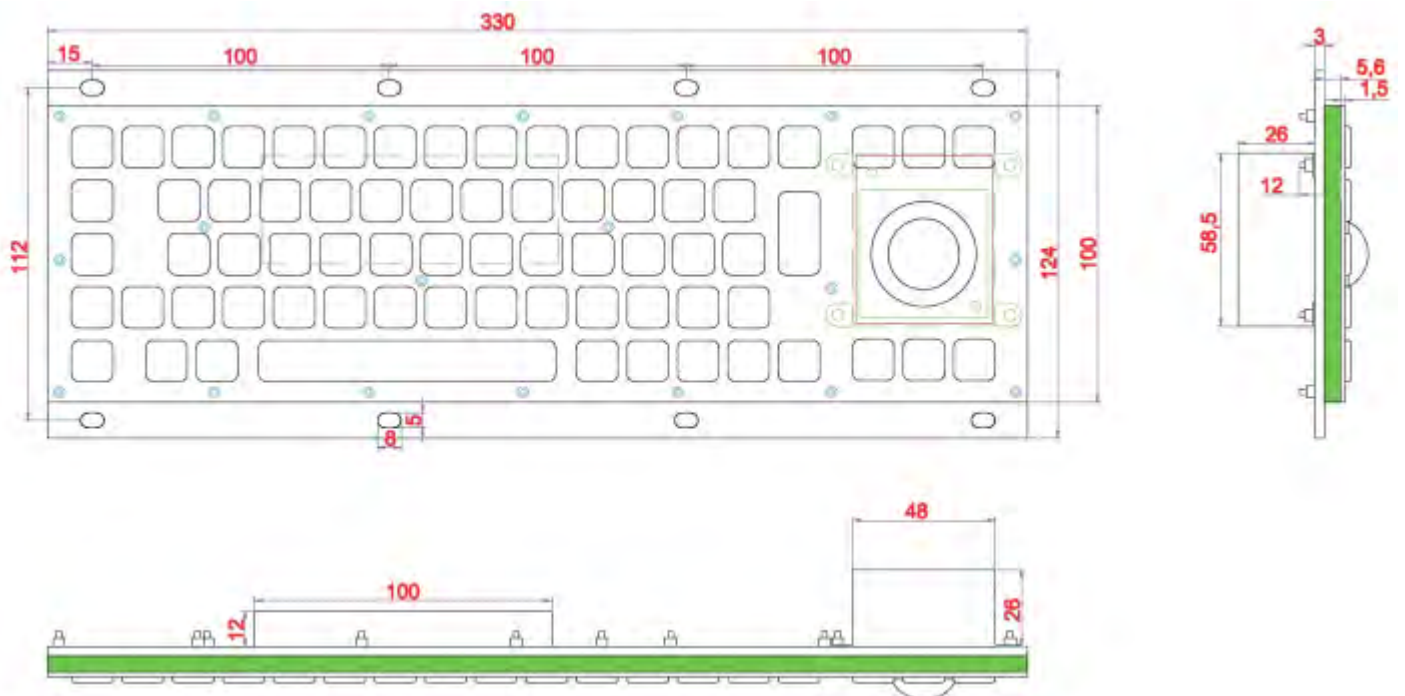
**K-TEK-A330TB**



**K-TEK-B330TB**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.30 kgs.
  - **Dimensions:** 330.0mm x 100.0mm (front panel), 354.0mm x 124.0mm (back panel)
- 
- **Key top style:** Gold-on-gold key switch technology with plain/Non-protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.30 kgs.
  - **Dimensions:** 330.0mm x 100.0mm (front panel), 354.0mm x 124.0mm (back panel)

Product Name			IP Rated TB
K-TEK-A330-MTB	Keyboard; IP65 static 400 DPI 25.4mm (1.0' ) Mechanical Trackball	PS/2;USB	IP65 static
K-TEK-A330-OTB	Keyboard; IP68 dynamic 800 DPI 25.4mm (1.0' ) Optical Trackball	PS/2;USB	IP68 dynamic
K-TEK-B330-MTB	Keyboard; IP65 static 400 DPI 25.4mm (1.0' ) Mechanical Trackball	PS/2;USB	IP65 static
K-TEK-B330-OTB	Keyboard; IP68 dynamic 800 DPI 25.4mm (1.0' ) Optical Trackball	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			





## K-TEK-340TB

**DESCRIPTION:** 71 keys compact format vandal proof IP65 stainless steel keyboard with integrated 25mm stainless steel trackball and 6 mouse keys, with long stroke 2.0mm(Model A) or short stroke 0.45mm (Model B), with top panel mounting solution.



**K-TEK-A340TB**

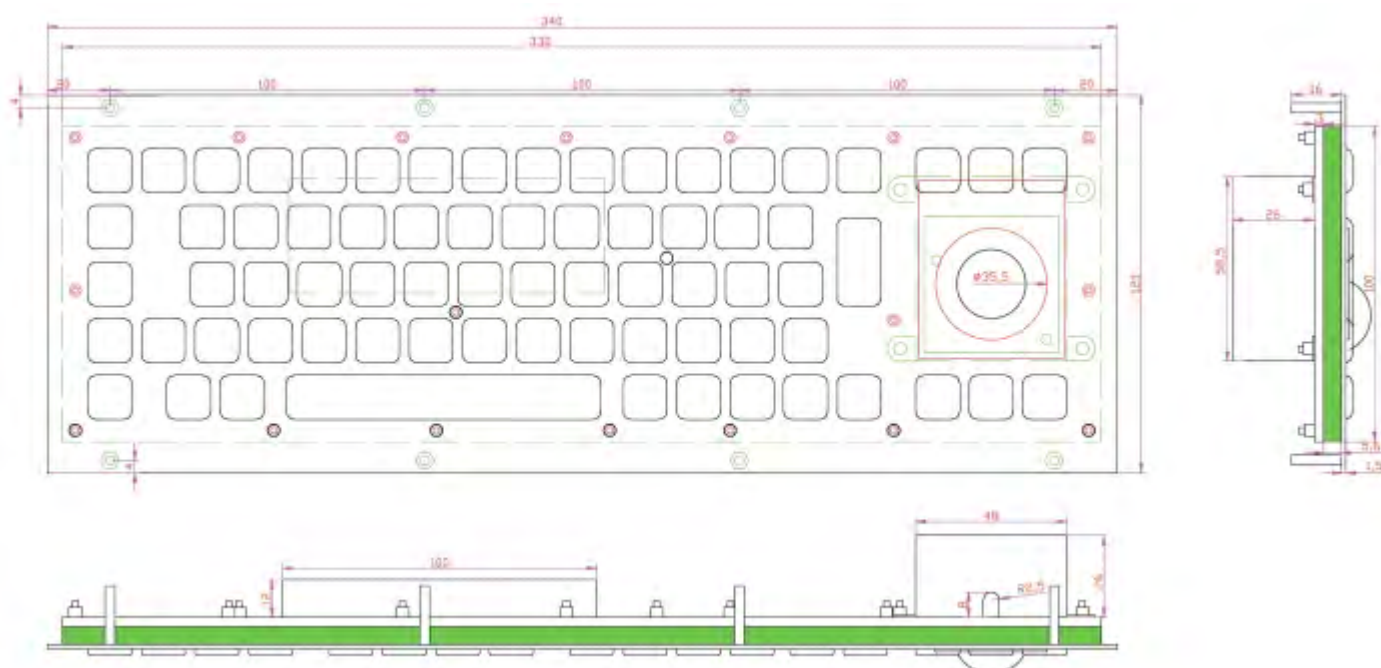
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.40 kgs.
- **Dimensions:** 340.0mm x 120.0mm (front panel), 330.0mm x 100.0mm (back panel)



**K-TEK-B340TB**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.40 kgs.
- **Dimensions:** 340.0mm x 120.0mm (front panel), 330.0mm x 100.0mm (back panel)

Product Name			IP Rated TB
K-TEK-A340-MTB	Keyboard; IP65 static 400 DPI 25.4mm (1.0' ) Mechanical Trackball	PS/2;USB	IP65 static
K-TEK-A340-OTB	Keyboard; IP68 dynamic 800 DPI 25.4mm (1.0' ) Optical Trackball	PS/2;USB	IP68 dynamic
K-TEK-B340-MTB	Keyboard; IP65 static 400 DPI 25.4mm (1.0' ) Mechanical Trackball	PS/2;USB	IP65 static
K-TEK-B340-OTB	Keyboard; IP68 dynamic 800 DPI 25.4mm (1.0' ) Optical Trackball	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-343TB

**DESCRIPTION:** 69 keys compact format vandal proof IP65 stainless steel long stroke(Model A) or short stroke (Model B) Keyboard with integrated 38mm stainless steel trackball, with rear mounting solution.



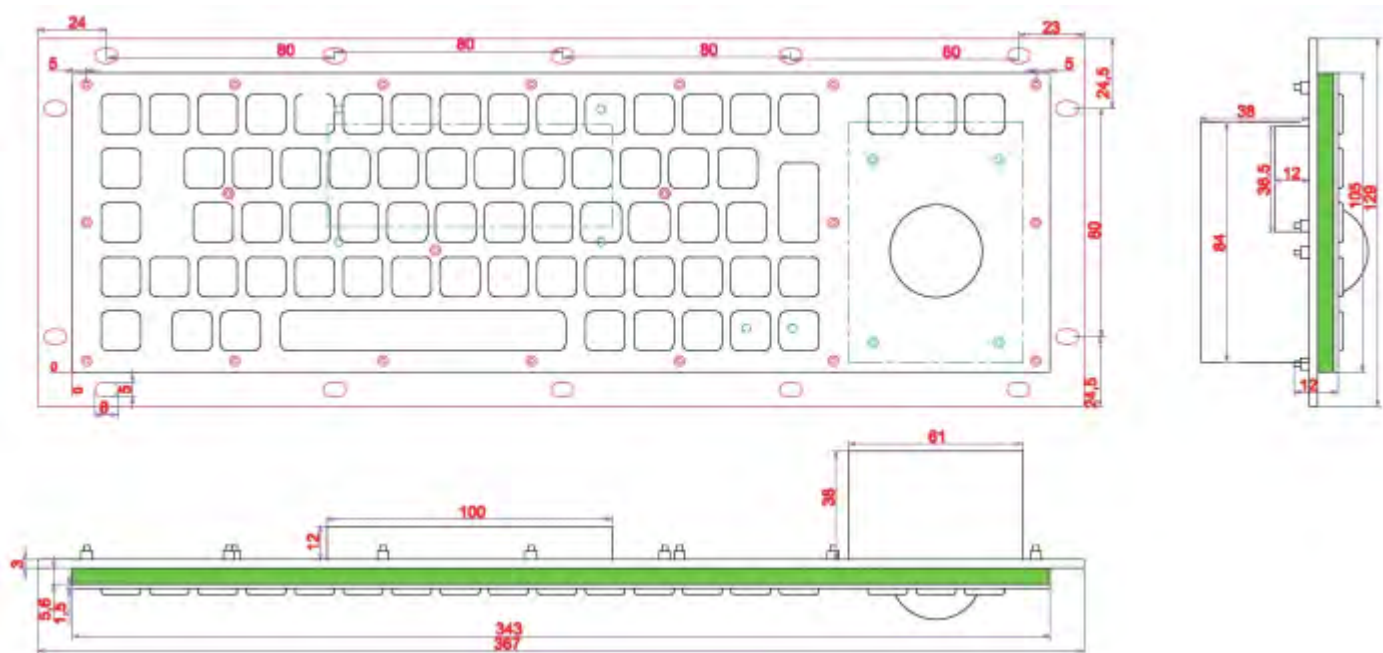
**K-TEK-A343TB**



**K-TEK-B343TB**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.70 kgs.
- **Dimensions:** 343.0mm x 105.0mm (front panel), 367.0mm x 129.0mm (back panel)
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.70 kgs.
- **Dimensions:** 343.0mm x 105.0mm (front panel), 367.0mm x 129.0mm (back panel)

Product Name			IP Rated TB
K-TEK-A343-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-A343-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-A343-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B343-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-B343-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B343-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-361TB

**DESCRIPTION:** 69 keys compact format vandal proof stainless steel long stroke(Model A) or short stroke (Model B) Keyboard with integrated 38mm stainless steel trackball, with front panel mounting solution.



**K-TEK-A361TB**

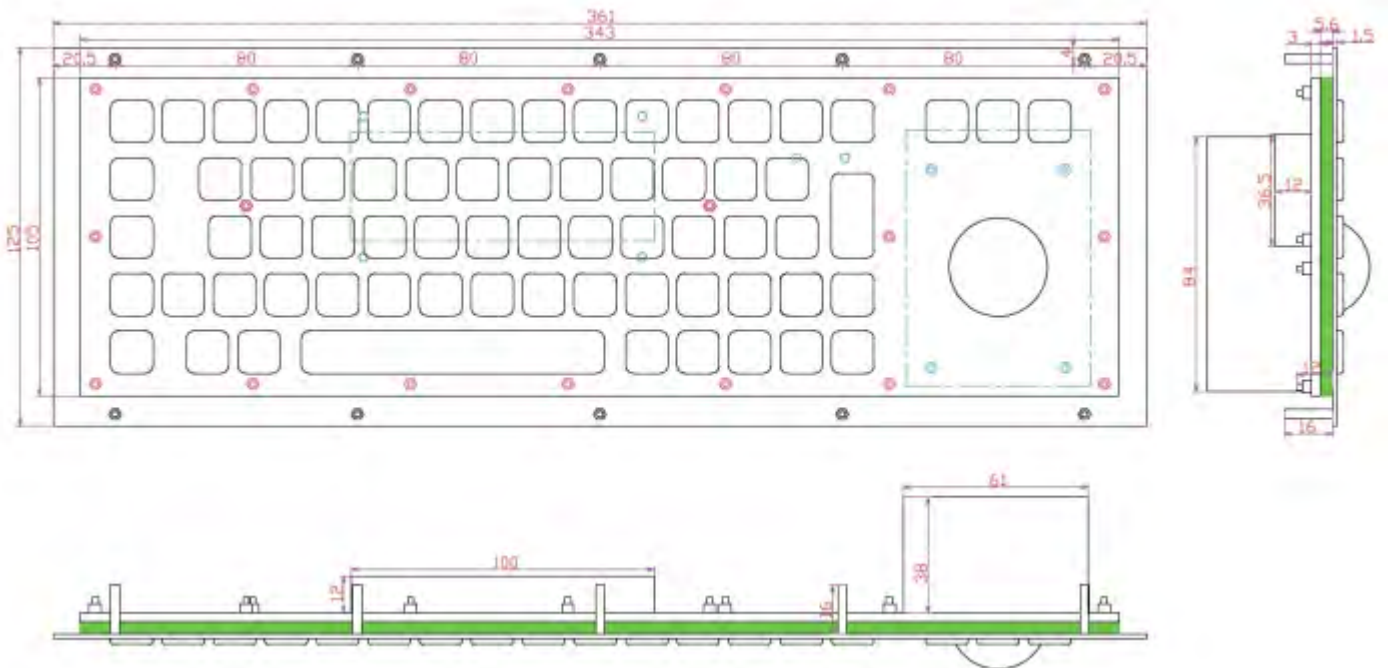
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80kgs.
- **Dimensions:** 361.0mm x 125.0mm (front panel), 343.0mm x 105.0mm (back panel).



**K-TEK-B361TB**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 361.0mm x 125.0mm (front panel), 343.0mm x 105.0mm (back panel)

Product Name			IP Rated TB
K-TEK-A361-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-A361-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-A361-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B361-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-B361-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B361-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-361TB-FN

**DESCRIPTION:** 79 keys compact format vandal proof IP65 stainless steel long stroke(Model A) or short stroke (Model B) Keyboard with integrated 38mm stainless steel trackball, function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations, with front panel mounting solution.



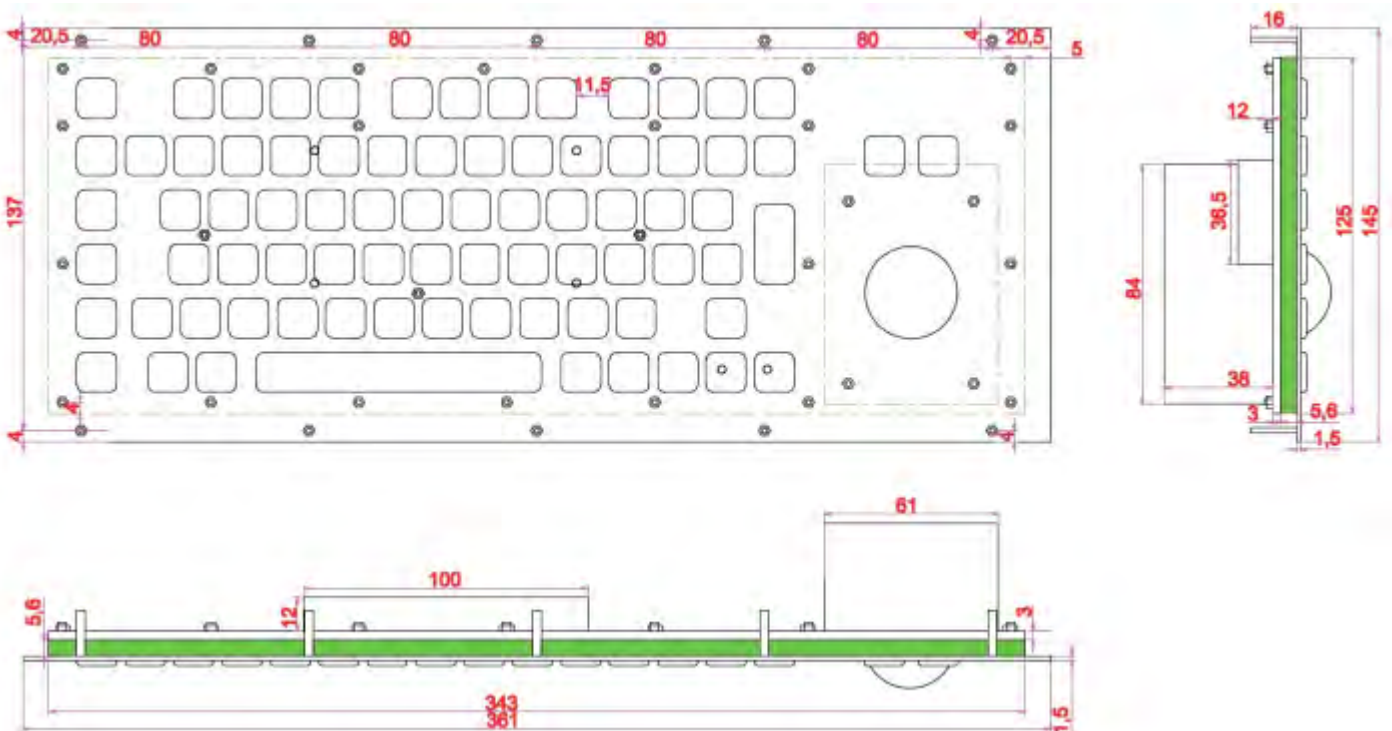
**K-TEK-A361TB-FN**



**K-TEK-B361TB-FN**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 361.0mm x 145.0mm (front panel), 343.0mm x 125.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 361.0mm x 145.0mm (front panel),343.0mm x 125.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A361-MTB-FN	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 static
K-TEK-A361-LTB-FN	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution, FN keys	PS/2;USB	IP68 dynamic
K-TEK-A361-OTB-FN	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 dynamic
K-TEK-B361-MTB-FN	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 static
K-TEK-B361-LTB-FN	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution, FN keys	PS/2;USB	IP68 dynamic
K-TEK-B361-OTB-FN	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-392TB

**DESCRIPTION:** 66 keys vandal resistant stainless steel long stroke(Model A) or short stroke (Model B) Keyboard with integrated 38mm stainless steel trackball, with rear mounting solution.



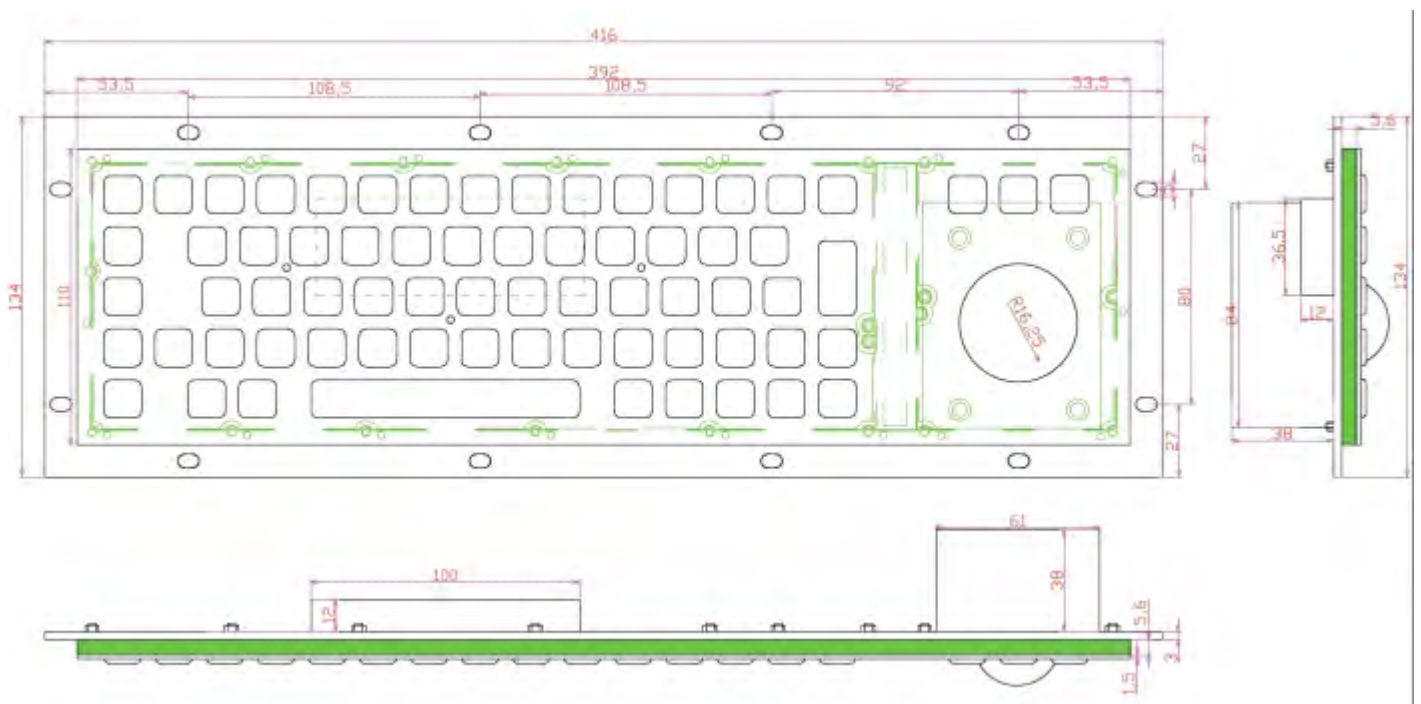
**K-TEK-A392TB**



**K-TEK-B392TB**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.90 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.90 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel),416.0mm x 134.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A392-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-A392-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-A392-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B392-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-B392-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B392-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-400TB

**DESCRIPTION:** 69 keys vandal proof stainless steel long stroke(Model A) or short stroke (Model B) keyboard with integrated 38mm stainless steel trackball, with front panel mounting solution.



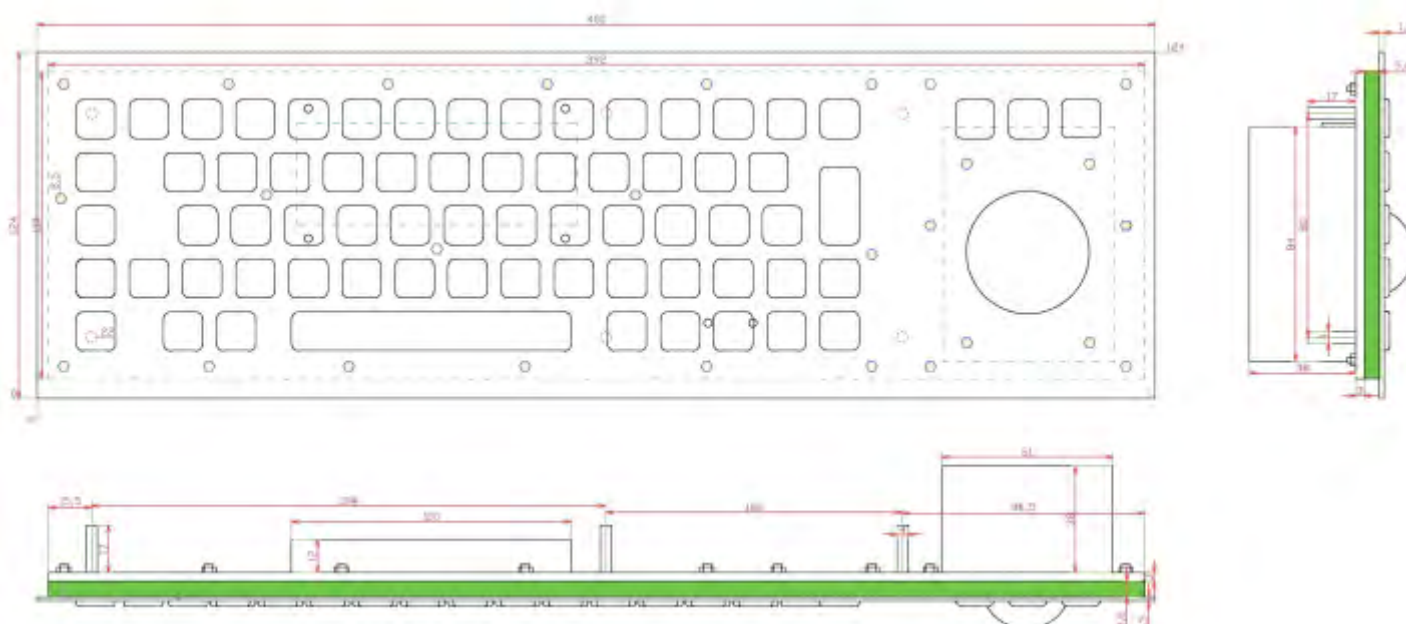
**K-TEK-A400TB**



**K-TEK-B400TB**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.90 kgs.
- **Dimensions:**400.0mm x 124.0mm (front panel),392.0mm x 110.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.90 kgs. .
- **Dimensions:**400.0mm x 124.0mm (front panel), 392.0mm x 110.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A400-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-A400-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-A400-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B400-MTB	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution	PS/2;USB	IP65 static
K-TEK-B400-LTB	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution	PS/2;USB	IP68 dynamic
K-TEK-B400-OTB	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# KEYBOARD WITH TRACKBALL AND NUMERIC KEYPAD

## K-TEK-392TB-KP

### DESCRIPTION:

84 Keys Compact Format Vandal Proof IP65 Stainless Steel Keyboard with IP65 static 38.0mm trackball module , numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), with rear panel mounting solution.



**K-TEK-A392TB-KP**

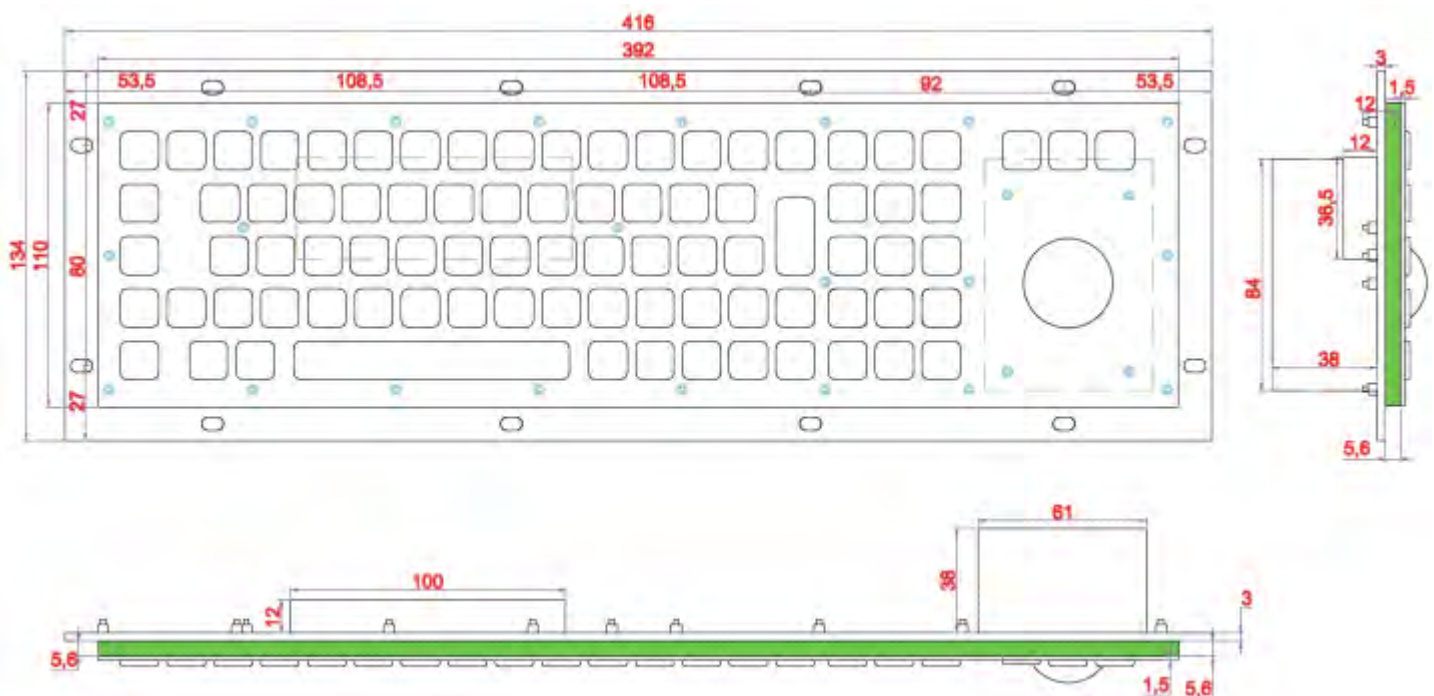
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel).



**K-TEK-B392TB-KP**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.90 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A392-MTB-KP	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-A392-LTB-KP	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-A392-OTB-KP	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B392-MTB-KP	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-B392-LTB-KP	Keyboard; IP65 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B392-OTB-KP	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-400TB-KP

**DESCRIPTION:** 84 Keys Compact Format Vandal Proof IP65 Stainless Steel Keyboard with IP65 static 38.0mm trackball module , numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), with top panel mounting solution.



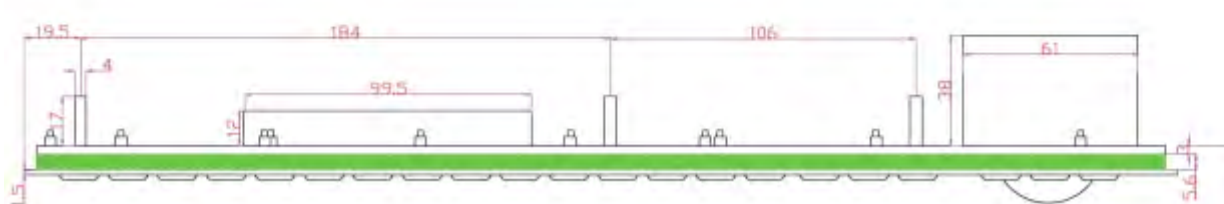
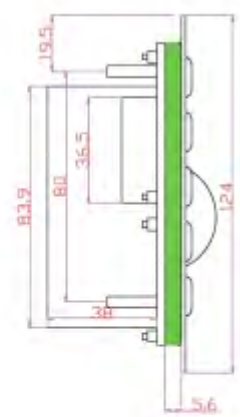
**K-TEK-A400TB-KP**



**K-TEK-B400TB-KP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 400.0mm x 124.0mm (front panel), 392.0mm x 110.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 400.0mm x 124.0mm (front panel), 392.0mm x 110.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A400-MTB-KP	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-A400-LTB-KP	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-A400-OTB-KP	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B400-MTB-KP	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-B400-LTB-KP	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B400-OTB-KP	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			





# K-TEK-420TB-KP

**DESCRIPTION:** 81 Keys Vandal Proof IP65 Stainless Steel Keyboard with IP65 static 38.0mm trackball module , numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES) , with top panel mounting solution.



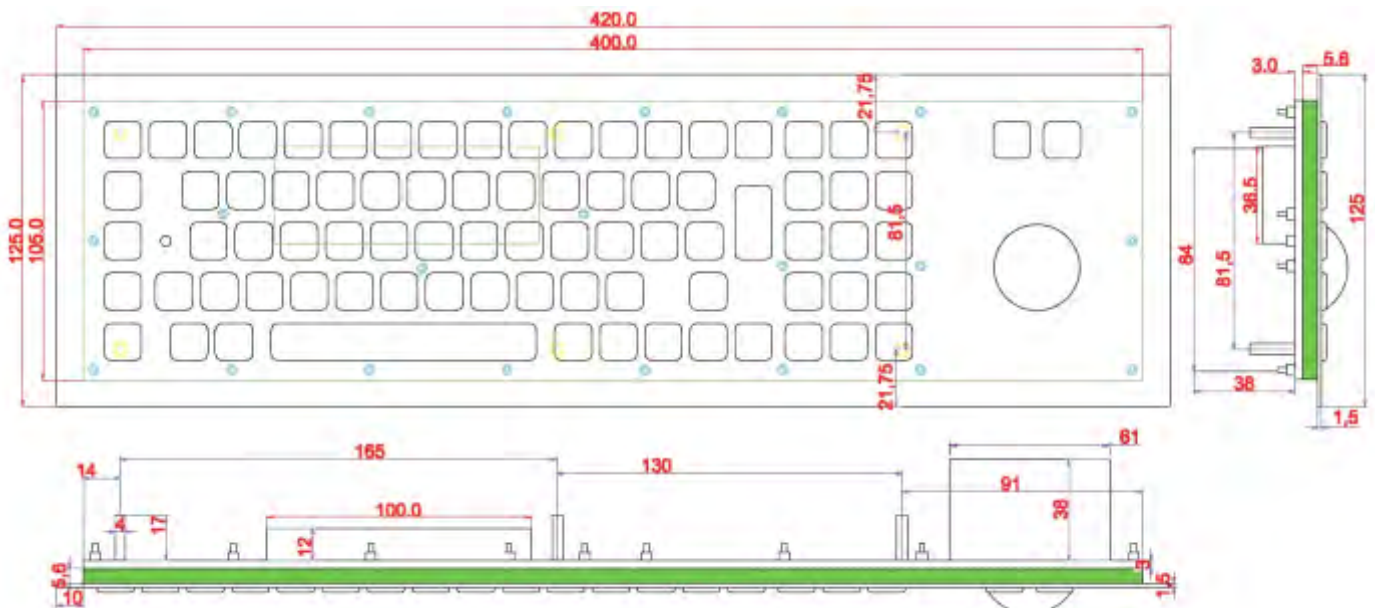
**K-TEK-A420TB-KP**



**K-TEK-B420TB-KP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.10 kgs.
- **Dimensions:** 420.0mm x 125.0mm (front panel), 400.0mm x 110.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.10 kgs.
- **Dimensions:** 420.0mm x 125.0mm (front panel), 400.0mm x 110.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A420-MTB	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-A420-LTB	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-A420-OTB	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B420-MTB	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad	PS/2;USB	IP65 static
K-TEK-B420-LTB	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
K-TEK-B420-OTB	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-420TB-KP-FN

**DESCRIPTION:** 97 Keys Vandal proof IP65 Stainless Steel Keyboard long stroke(Model A) or short stroke (Model B) with integrated numeric keypad and 38mm stainless steel track ball, function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations. Front panel mounting solution.



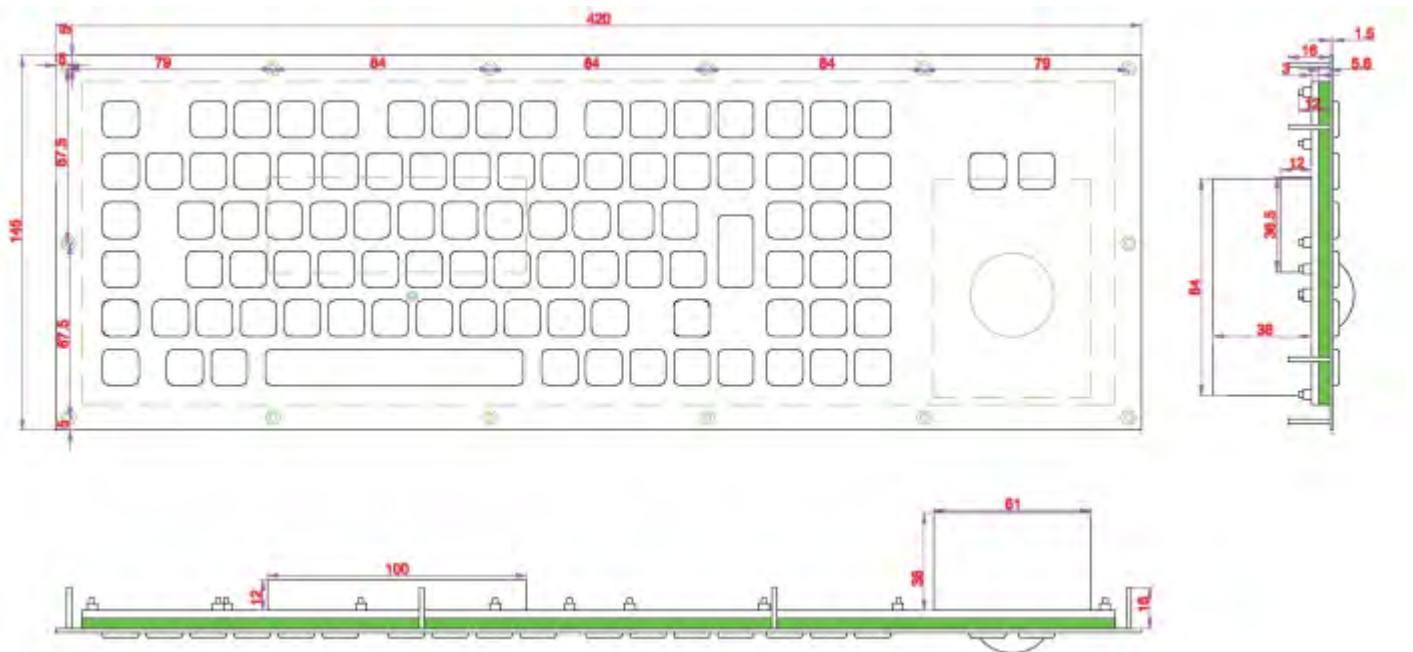
**K-TEK-A420TB-KP-FN**



**K-TEK-B420TB-KP-FN**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.30 kgs.
- **DIMENSIONS:** 420.0mm x 145.0mm (front panel), 400.0mm x 125.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.30 kgs.
- **Dimensions:** 420.0mm x 145.0mm (front panel), 400.0mm x 125.0mm (back panel).

Product Name			IP Rated TB
K-TEK-A420-MTB-FN	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP65 static
K-TEK-A420-LTB-FN	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP68 dynamic
K-TEK-A420-OTB-FN	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP68 dynamic
K-TEK-B420-MTB-FN	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP65 static
K-TEK-B420-LTB-FN	Keyboard; IP68 dynamic Laser Trackball with 1200 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP68 dynamic
K-TEK-B420-OTB-FN	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution; Numeric Keypad; FN Keys	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



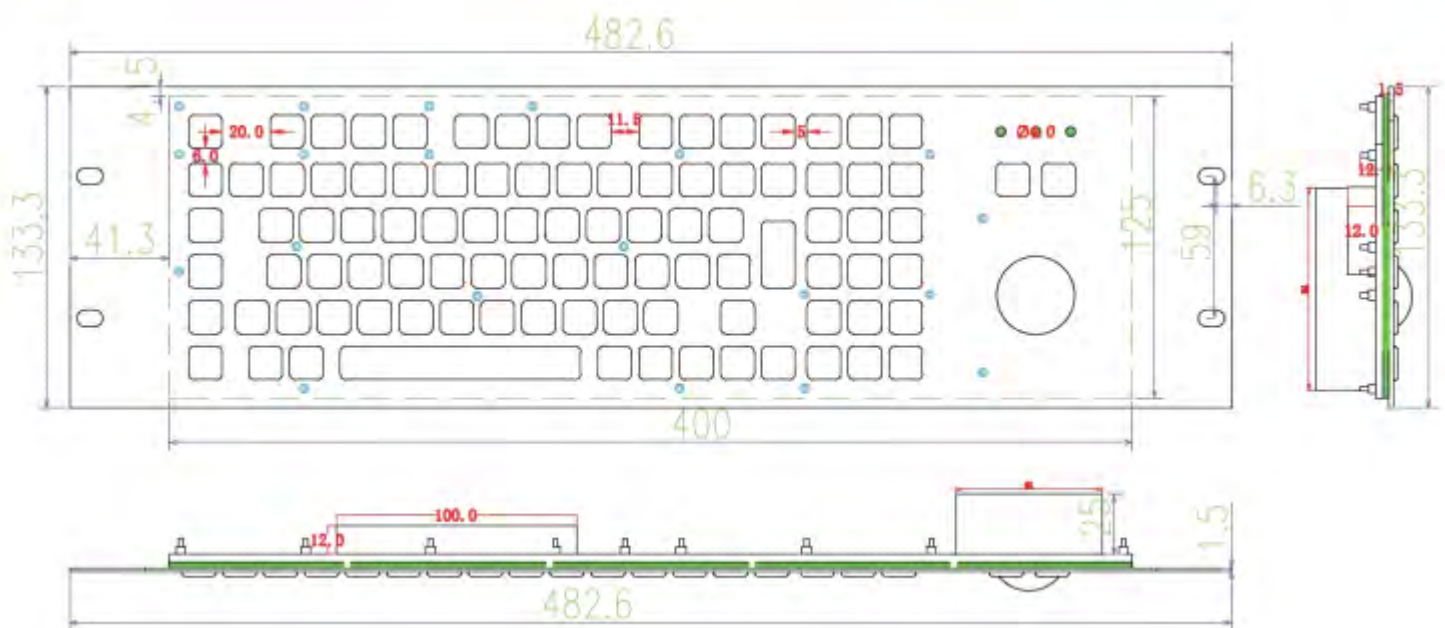
# K-TEK-A19U-TB-FN

**DESCRIPTION:** 97 Keys Compact Format Vandal Proof IP65 19U Stainless Steel Keyboard with full keyboard functionalities, 38mm trackball, carbon-on-gold key switch technology with long stroke (2.0mm), numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES), function keys F1, F2..F10, F11, F12 are on the top panel for easy operation, top stainless steel plate with mounting holes on both ends for fixing keyboards.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.50 kgs.
- **Dimensions:** 482.6mm x 133.3mm (top panel)

Product Classifications and Descriptions			IP Rated TB
<b>K-TEK-A19U-MTB-KP-FN</b>	Keyboard; IP65 static Mechanical Trackball Module with 400 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP65 static
<b>K-TEK-A19U-LTB-KP-FN</b>	Keyboard; IP68 dynamic Laser Trackball Module with 1200 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP68 dynamic
<b>K-TEK-A19U-OTB-KP-FN</b>	Keyboard; IP68 dynamic washable Optical Trackball Module with 800 DPI; Numeric Keypad; FN Keys (4-in-1, all-in-one)	PS/2;USB	IP68 dynamic



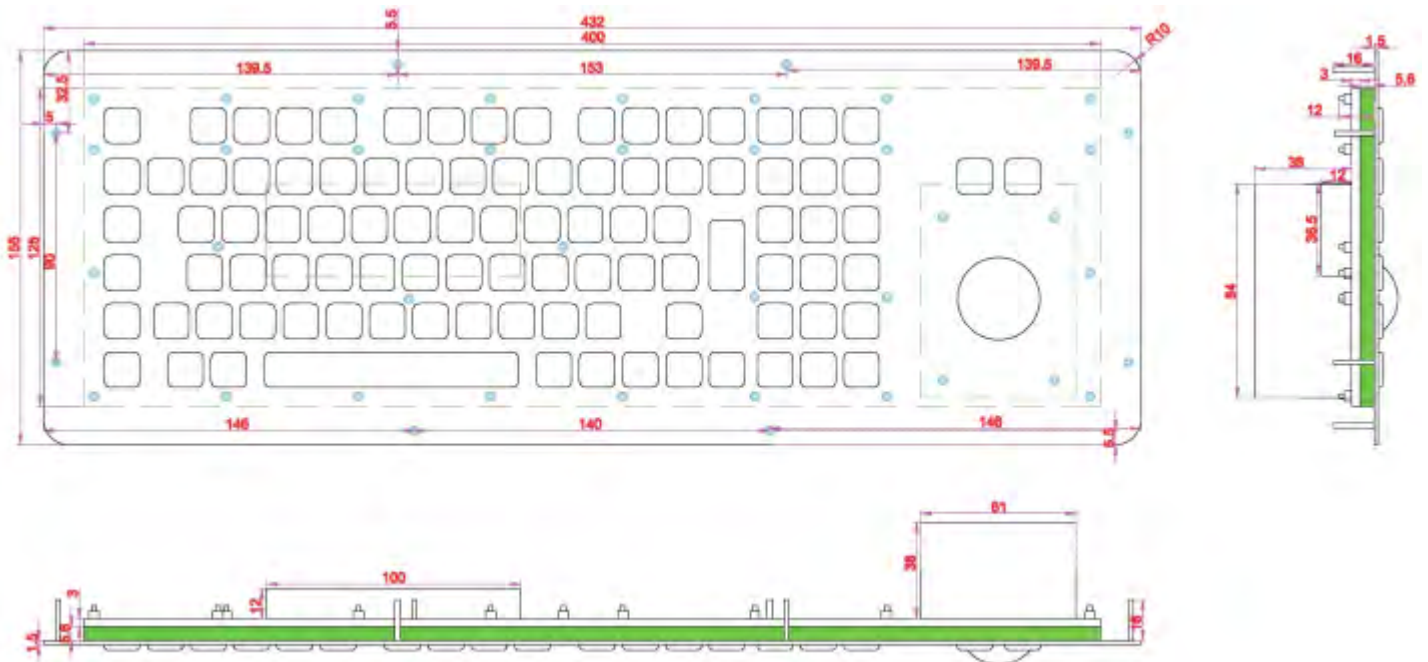
# K-TEK-A432TB-KP-FN

**DESCRIPTION:** 97 keys compact format vandal proof IP65 stainless steel keyboard with integrated numeric keypad, 38mm stainless steel trackball, function keys F1...F12 are on the top line for easy operation, with long stroke 2.0mm, top panel mounting solution.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.50 kgs.
- **Dimensions:** 432.0mm x 155.0mm (front panel), 400.0mm x 125.0mm (back panel)

Product Name			IP Rated TB
K-TEK-A432-MTB-FN	Keyboard; IP65 static mechanical trackball with 400 DPI resolution; Numeric Keypad; Function Keys	PS/2;USB	IP65 static
K-TEK-A432-LTB-FN	Keyboard; IP68 dynamic laser trackball with 1200 DPI resolution; Numeric Keypad; Function Keys	PS/2;USB	IP68 dynamic
K-TEK-A432-OTB-FN	Keyboard; IP68 dynamic optical trackball with 800 DPI resolution; Numeric Keypad; Function Keys	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



# DESK TOP KEYBOARD

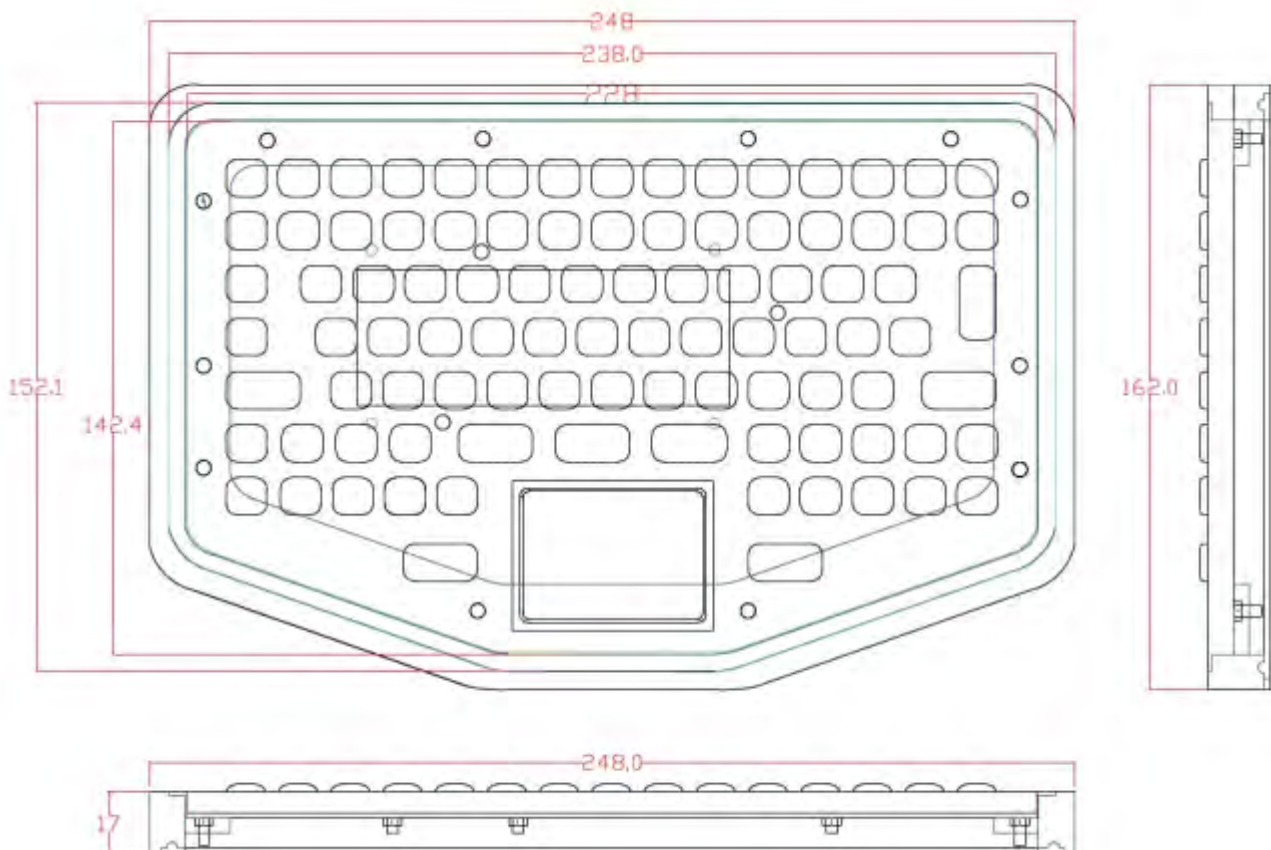
## K-TEK-A228TP-FN-DT

**DESCRIPTION:** 92 keys compact format **MINI** vandal proof IP65 stainless steel keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function(Optional), function keys F1...F12 are on the top line for easy operation, with carbon-on-gold key switch technology with long stroke 2.0mm, stand alone desk top version.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60 kgs.
- **Dimensions:** 228.0mm x 142.40mm (front panel);  
248.0mm x 162.0mm(rear panel)

Product Name			IP Rated TP
K-TEK-A228TP-FN-D	IP65 MINI metal keyboard; sealed & ruggedized touchpad; function keys; desktop	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



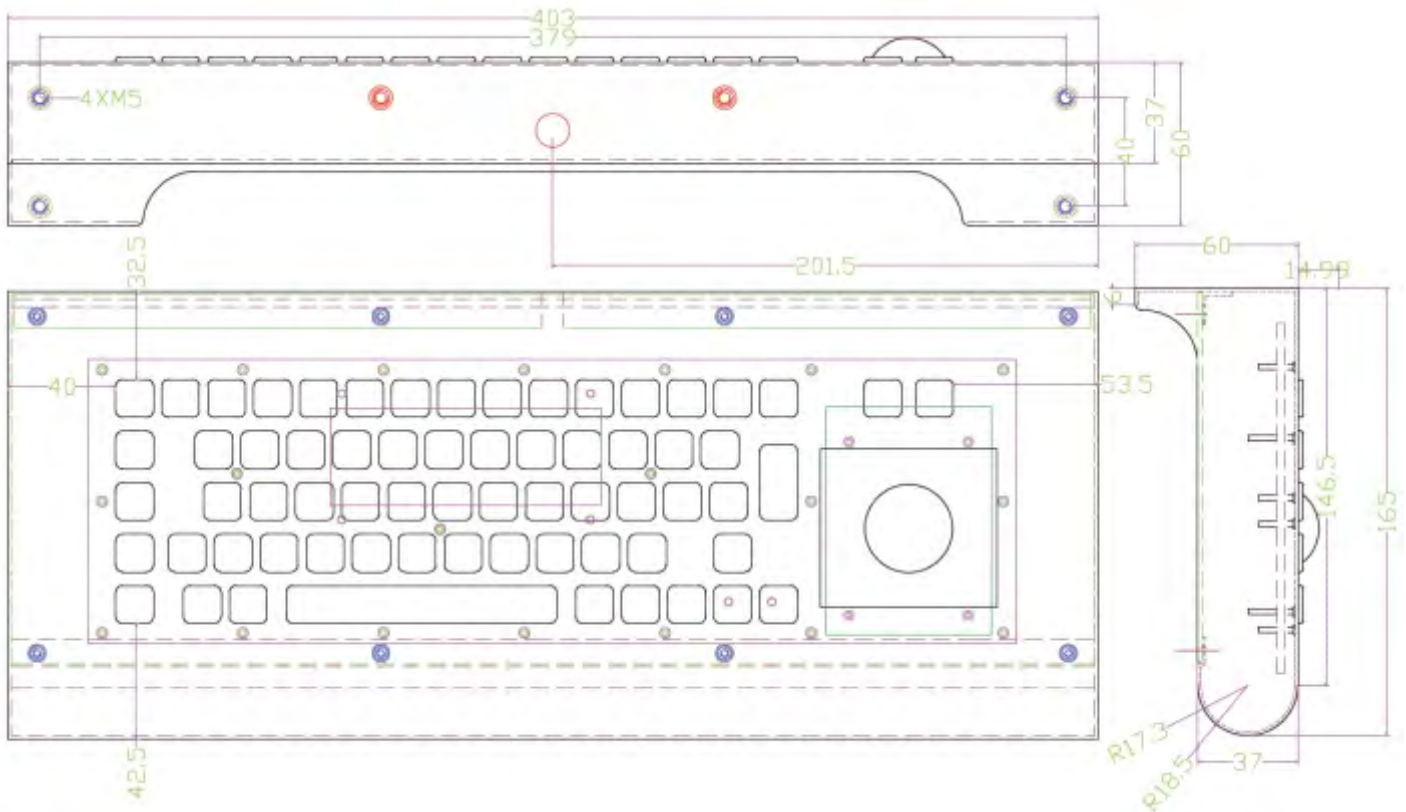
# K-TEK-A343TB-MDT

**DESCRIPTION:** 66 keys compact format vandal proof IP65 wall mounting desk top stainless steel Keyboard w/ integrated 38mm stainless steel trackball, carbon-on-gold key switch technology for fast typing and accurate data input, direct wall mounting solutions



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 3.00 kgs.
- **Dimensions:** 403.0mm x 165.0mm x 37.0mm (L x W x H)

Product Name			IP Rated TB
K-TEK-A343-MTB-MDT	IP65 static Mechanical Trackball with 400 DPI resolution; mounting holes, wall mounting desk top keyboard	PS/2;USB	IP65 static
K-TEK-A343-OTB-MDT	IP68 dynamic washable optical Trackball with 800 DPI resolution; mounting holes, wall mounting desk top keyboard	PS/2;USB	IP68 dynamic
Other language versions/interfaces/configuration available on request			



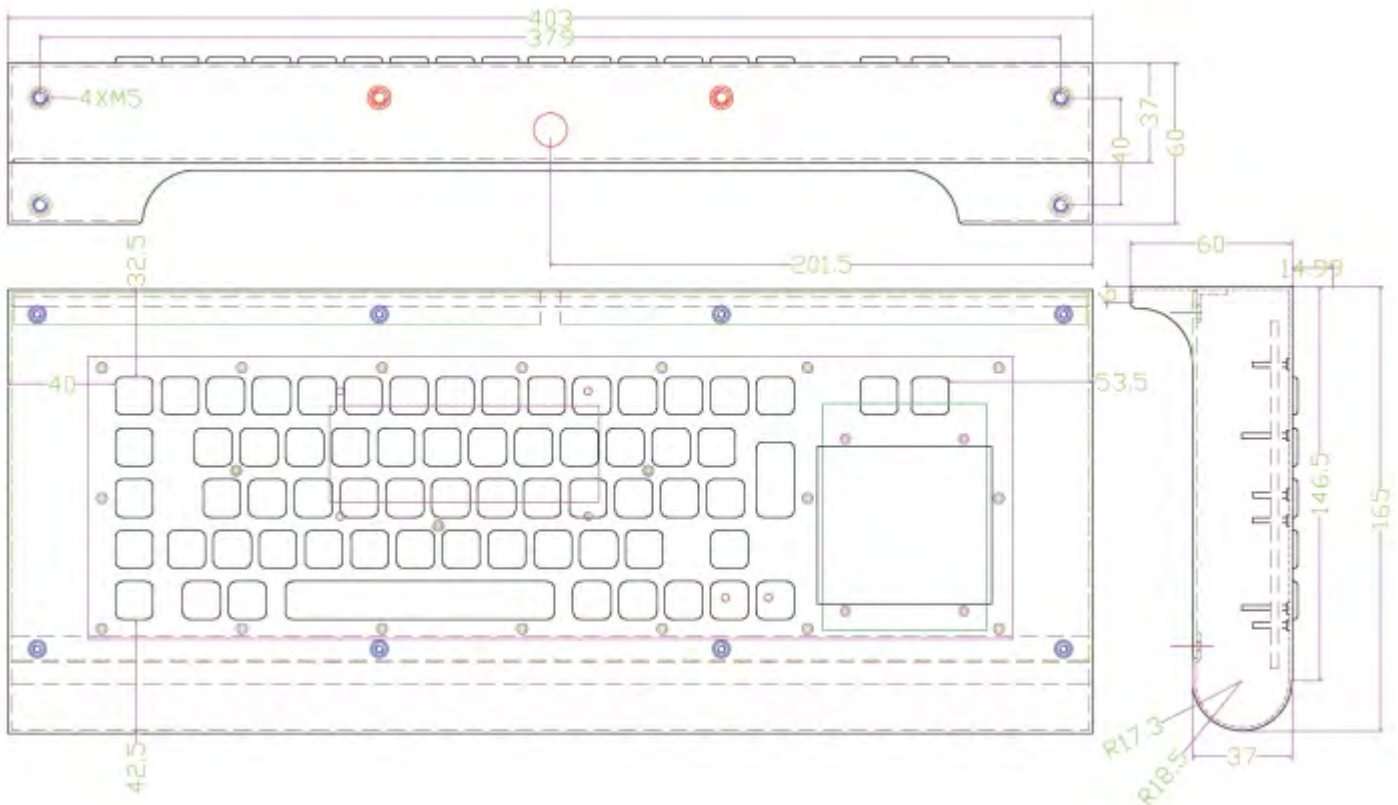
# K-TEK-A343TP-MDT

**DESCRIPTION:** 66 keys compact format vandal proof IP65 wall mounting DESK TOP stainless steel Keyboard with sealed and ruggedized tough touchpad, carbon-on-gold key switch technology for fasting typing and accurate data input.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.80 kgs.
- **Dimensions:** 403.0mm x 165.0mm x 37.0mm (L x W x H)

Product Name		IP Rated TP	
K-TEK-A343TP-MDT	IP65 dynamic sealed ruggedized tough touchpad, mounting hole, wall mounting desk top keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-290-FN-DT

**DESCRIPTION:** 77 keys compact format vandal proof IP65 stainless steel long stroke(Model A) or short stroke (Model B) stand alone desk top keyboard, function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.80 kgs.
- **Dimensions:** 290.0mm x 145.0mm x 20.0mm(L x W x H)

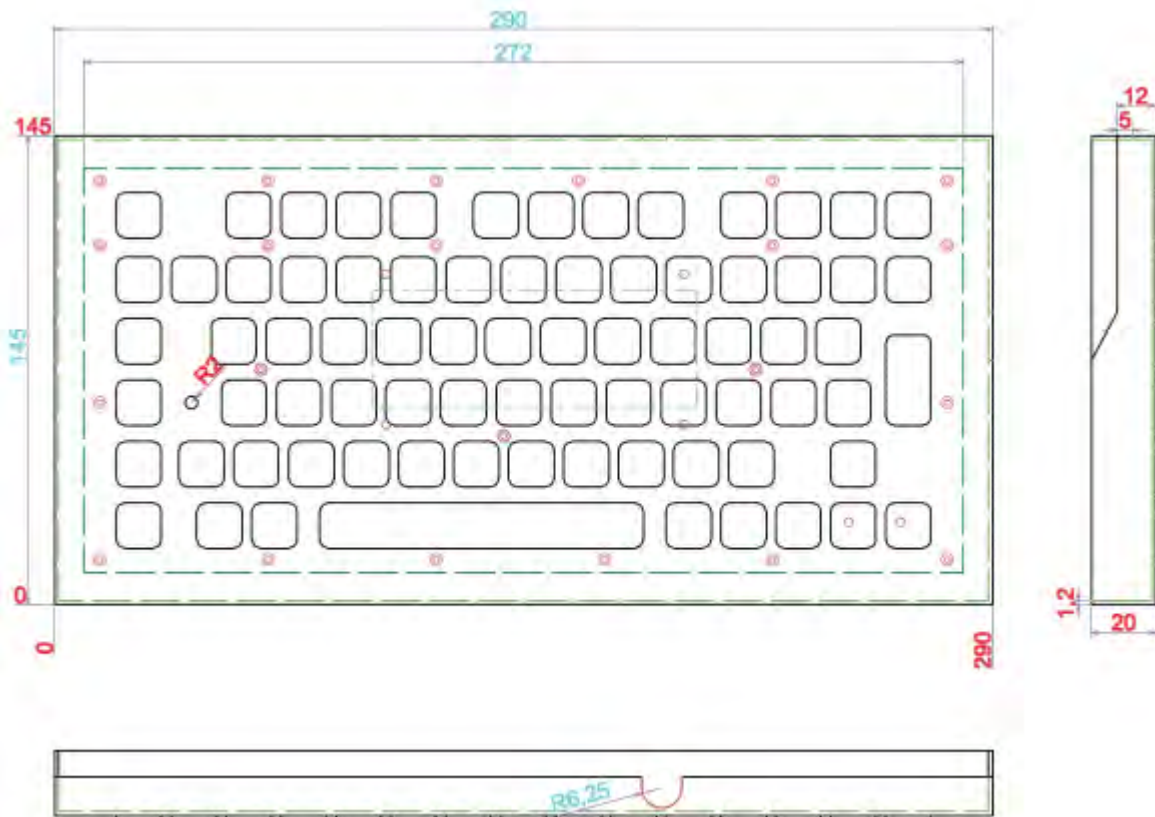
## K-TEK-A290-FN-DT



- **Key top style:** Metal dome PCB with gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.80 kgs.
- **Dimensions:** 290.0mm x 145.0mm x 20.0mm(L x W x H)

## K-TEK-B290-FN-DT

Product Name			IP Rated
K-TEK-A290-FN-DT	Keyboard, Function keys; Stand Alone Desk Top Version	PS/2;USB	IP65 Dynamic
K-TEK-B290-FN-DT	Keyboard, Function keys; Stand Alone Desk Top Version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





## K-TEK-340KP-FN-DT

**DESCRIPTION:** 95 keys Compact Format Vandal-proof IP65 stand alone DESK TOP stainless steel keyboard with integrated numeric keypad, FN Keys F1, F2...F10, F11, F12 are on the top line for easy operation, carbon-on-gold key switch technology for fast typing and accurate data input



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 2.00 kgs.
- **Dimensions:** 343.0mm x 148mm x 20.0mm(L x W x H)

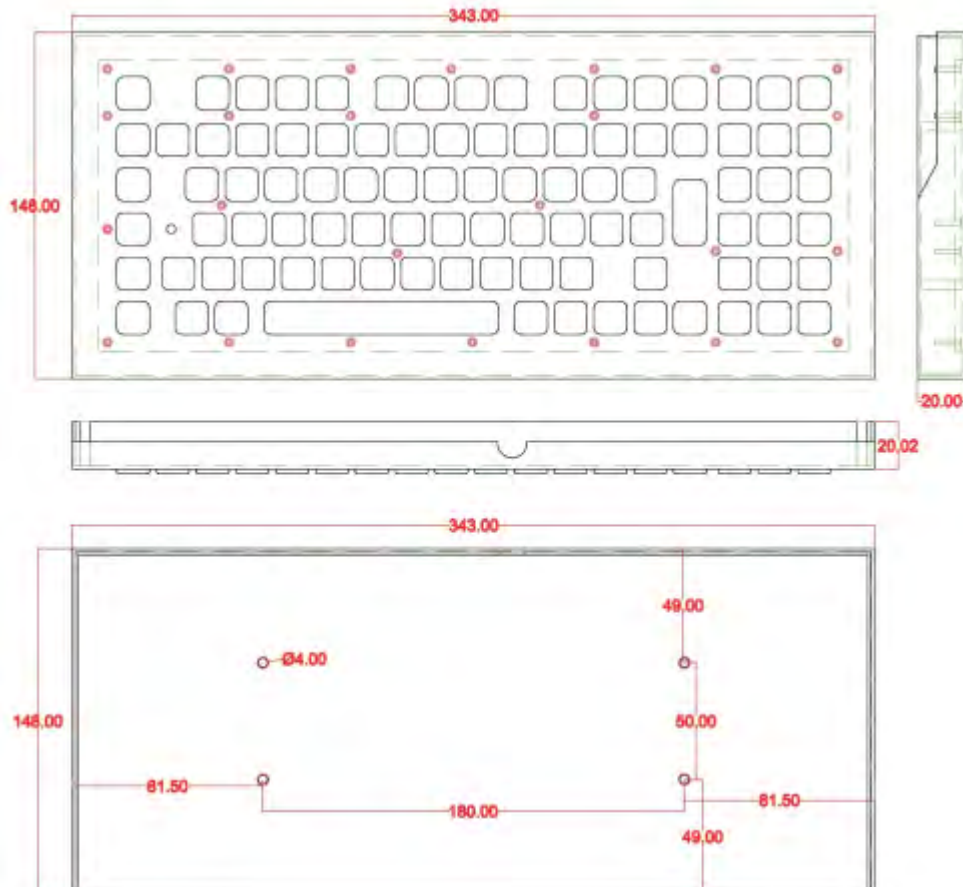
## K-TEK-A340KP-FN-DT



- **Key top style:** metal dome PCB with gold-on-gold key switch technology with flat keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 2.00 kgs.
- **Dimensions:** 343.0mm x 148mm x 20.0mm(Lx W x H)

## K-TEK-B340KP-FN-DT

Product Name			IP Rated
K-TEK-A340KP-FN-DT	Keyboard, Numeric Keypad; Function keys; Desk Top Version	PS/2;USB	IP65 Dynamic
K-TEK-B340KP-FN-DT	Keyboard, Numeric Keypad; Function keys; Desk Top Version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-361TB-FN-DT

**DESCRIPTION:** 79 keys compact format vandal proof IP65 stand alone DESK TOP Stainless Steel keyboard with integrated 38mm stainless steel track ball, FN keys F1, F2...F11, F12 are on the top line of keyboard for easy operation, carbon-on-gold key (model A) or gold-on-gold(model B)switch technology.



**K-TEK-A361TB-FN-DT**

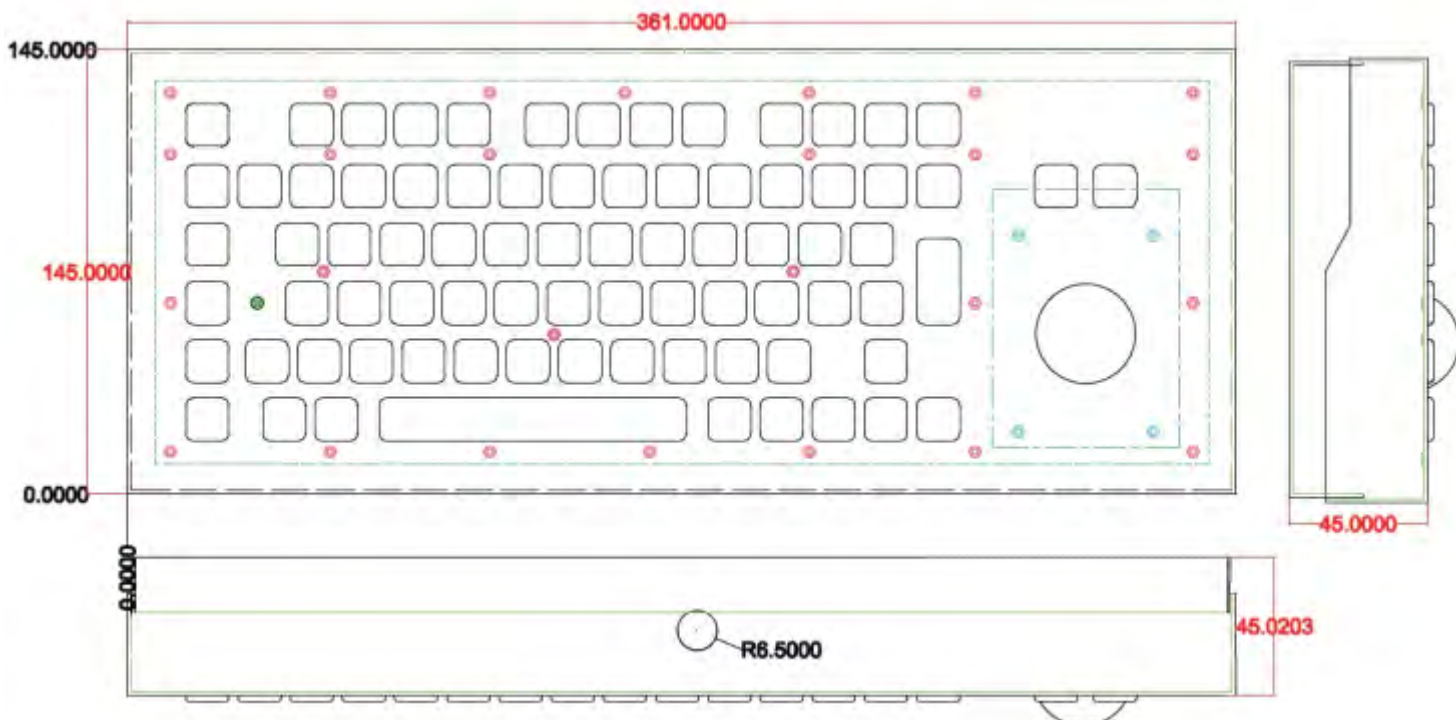
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.50 kgs.
- **Dimensions:** 361.0mm x 145.0mm x 32.0mm(L x w x H)



**K-TEK-B361TB-FN-DT**

- **Key top style:** metal dome PCB with gold-on-gold key switch, Plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available
- **G.W.:** 2.50 kgs.
- **Dimensions:** 361.0mm x 145.0mm x 32.0mm (L x W x H)

Product Name			IP Rated TB
K-TEK-A361-MTB-FN-DT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 Static
K-TEK-A361-OTB-FN-DT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 Dynamic
K-TEK-B361-MTB-FN-DT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 Static
K-TEK-B361-OTB-FN-DT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-361TB-FN-MDT

**DESCRIPTION:** 79 keys compact format vandal proof IP65 stainless steel keyboard with 38mm stainless steel track ball, FN keys F1...F12 are on the top line for easy operation, with carbon-on-gold (model A) or gold-on-gold (model B) key switch technology with long stroke 2.0mm, can be hinged down/ for wall mounting.



**K-TEK-A361TB-FN-MDT**

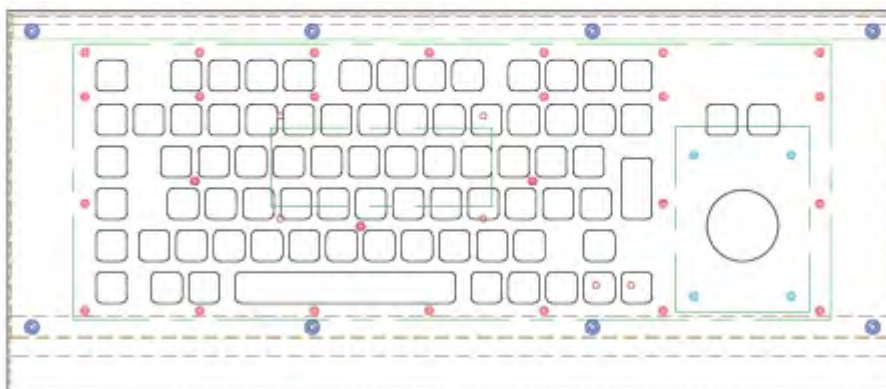
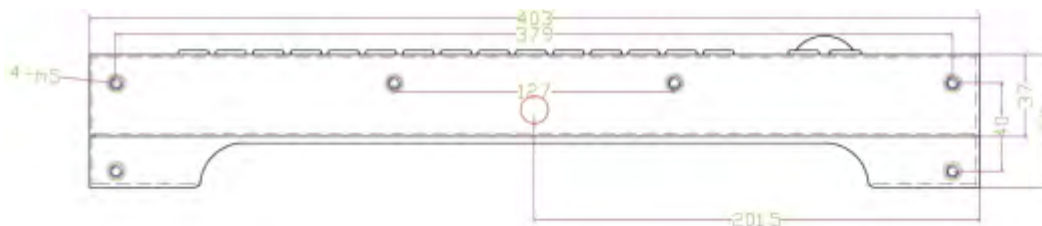
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.60 kgs.
- **Dimensions:** 403.0mm x 175.0mm x 37.0mm (L x W x H)



**K-TEK-B361TB-FN-MDT**

- **Key top style:** metal dome PCB with gold-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.60 kgs.
- **Dimensions:** 403.0mm x 175.0mm x 37.0mm (L x W x H)

Product Name			IP Rated TB
K-TEK-A361-MTB-FN-MDT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 Static
K-TEK-A361-OTB-FN-MDT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 Dynamic
K-TEK-B361-MTB-FN-MDT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, FN keys	PS/2;USB	IP65 Static
K-TEK-B361-OTB-FN-MDT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, FN keys	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-361TP-FN-DT

**DESCRIPTION:** 79 keys compact format vandal proof IP65 stainless steel stand alone DESK TOP keyboard with integrated sealed and ruggedized touchpad, function keys F1...F12 are on the top line for easy operation, with carbon-on-gold key switch technology with long stroke 2.0mm for model A, and metal dome PCB with gold-on-gold key switch with 0.45mm stroke for model B.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.30 kgs.
- **Dimensions:** 361.0mm x 145.0mm x 20.0mm(L x w x H)

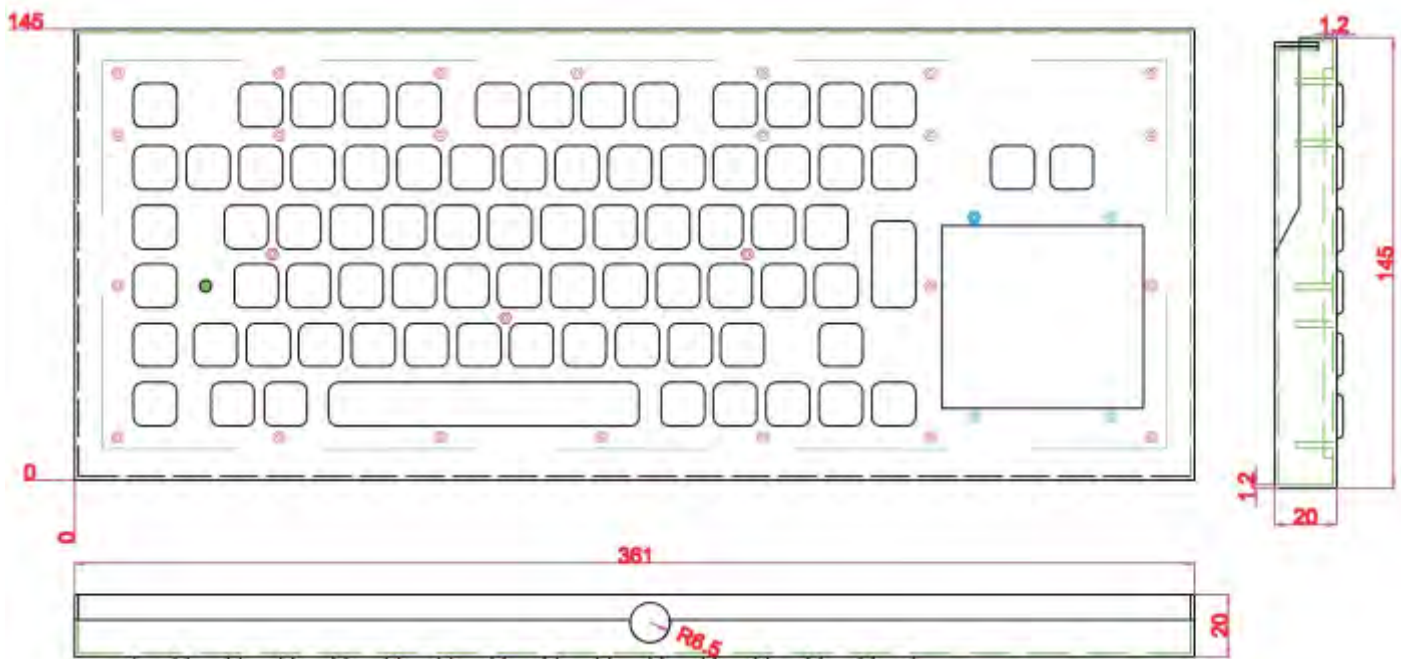
## K-TEK-A361TP-FN-DT



- **Key top style:** metal dome PCB with gold-on-gold key switch technology with non-protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.30 kgs.
- **Dimensions:** 361.0mm x 145.0mm x 20.0mm (L x W x H)

## K-TEK-B361TP-FN-DT

Product Name			IP Rated TP
K-TEK-A361TP-FN-DT	Sealed Ruggedized Touchpad; FN keys; Stand alone Desk Top	PS/2;USB	IP65 dynamic
K-TEK-B361TP-FN-DT	Sealed Ruggedized Touchpad; FN keys; Stand alone Desk Top	PS/2;USB	IP65 dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-420TB-KP-FN-DT

**DESCRIPTION:** 97 Keys Compact Format Vandal proof IP65 DESK TOP Stainless Steel Keyboard with integrated numeric keypad and 38mm stainless steel trackball, FN keys F1, F2...F11, F12 are on the top line of keyboard for easy operation, carbon-on-gold key switch technology for fast typing and accurate data input.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.80 kgs.
- **DIMENSIONS:** 420.0mm x 145.0mm x 32.0mm(L x W x H)

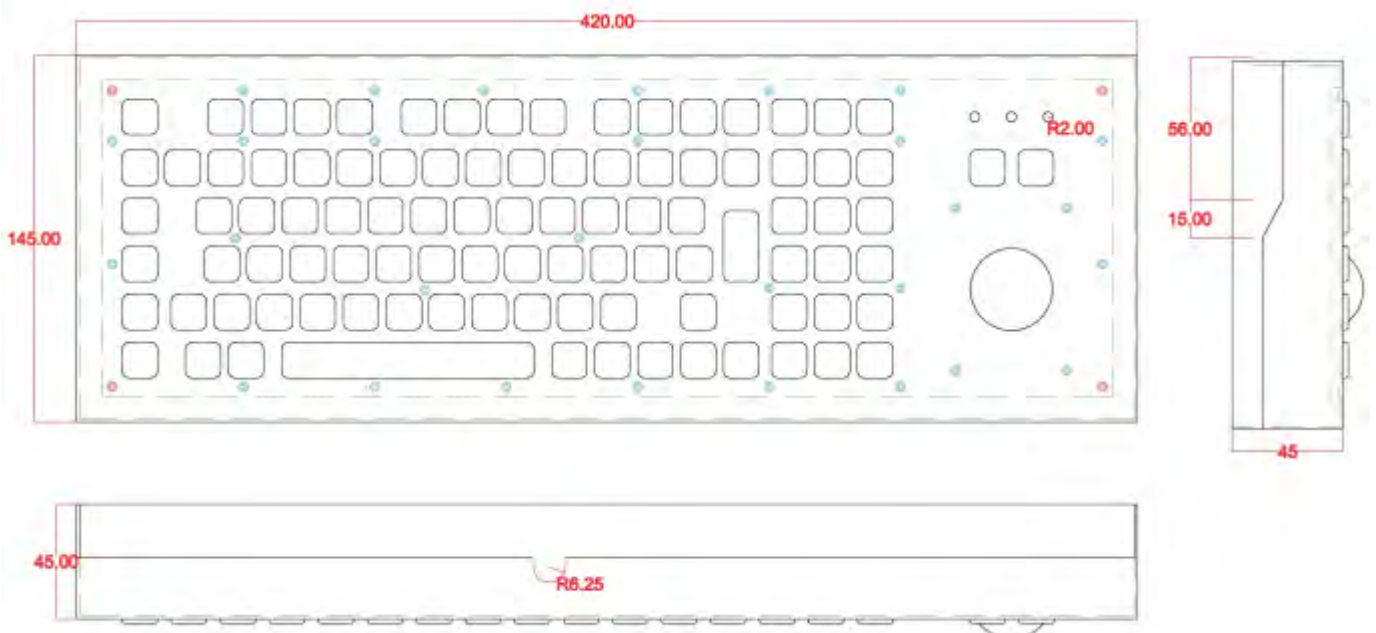
## K-TEK-A420TB-KP-FN-DT



- **Key top style:** metal dome PCB with gold-on-gold key switch technology with non-protuberant rectangular keys with 0.45mm short stroke 0.45mm, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.80 kgs.
- **DIMENSIONS:** 420.0mm x 145.0mm x 32.0mm(L x W x H)

## K-TEK-B420TB-KP-FN-DT

Product Name			IP Rated TB
K-TEK-A420-MTB-FN-DT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, keypad, FN keys	PS/2;USB	IP65 Static
K-TEK-A420-OTB-FN-DT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, keypad, FN keys	PS/2;USB	IP68 Dynamic
K-TEK-B420-MTB-FN-DT	Keyboard; IP65 static Mechanical Trackball with 400 DPI resolution, keypad, FN keys	PS/2;USB	IP65 Static
K-TEK-B420-OTB-FN-DT	Keyboard; IP68 dynamic Optical Trackball with 800 DPI resolution, keypad, FN keys	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



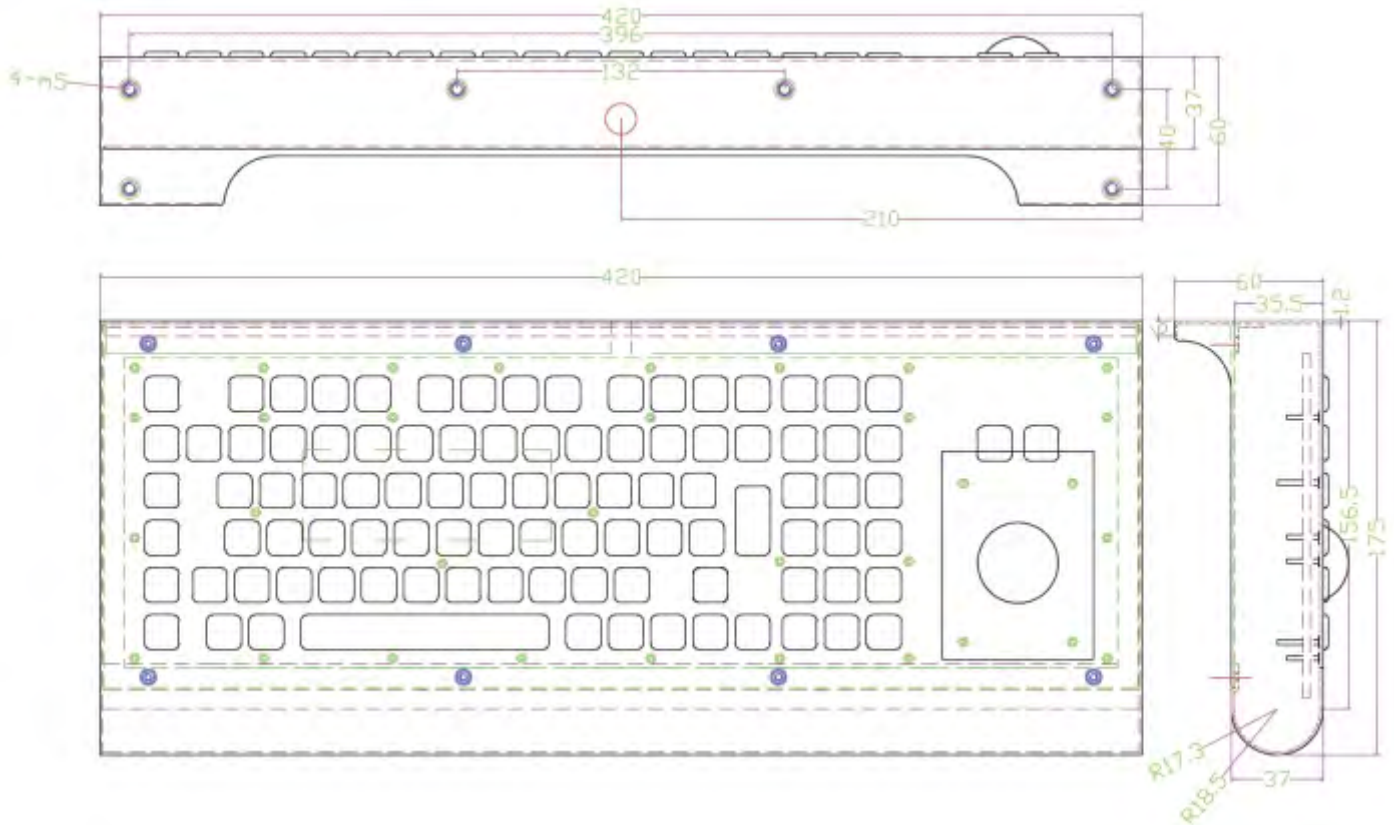
# K-TEK-A420TB-KP-FN-MDT

**DESCRIPTION:** 97 keys compact format vandal proof IP65 stainless steel wall mounting keyboard with integrated numeric keypad, 38mm stainless steel track ball, function keys F1...F12 are on the top line for easy operation, with carbon-on-gold key switch technology with long stroke 2.0mm, can be hinged down/ for wall mounting.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 3.0 kgs.
- **Dimensions:** 420.0mm x 175.0mm x 37.0mm (L x W x H)

Product Name			IP Rated TB
K-TEK-A420-MTB-FN-MDT	IP65 Static 400 DPI Mechanical Trackball; Function Keys; Numeric keypad; Mounting Holes; Stand alone Desk top.	PS/2;USB	IP65 Static
K-TEK-A420-OTB-FN-MDT	IP68 dynamic 800 DPI Optical Trackball; Function Keys; Numeric keypad; Mounting Holes; Stand alone Desk top.	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-420TP-KP-FN-DT

**DESCRIPTION:** 97 keys compact format vandal proof IP65 stainless steel stand alone desk top keyboard with integrated numeric keypad, sealed ruggedized touchpad, FN keys F1...F12 are on the top line for easy operation, with carbon-on-gold (Model A) or gold-on-gold (Model B) key switch technology.



- **Key top style:** carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.50 kgs.
- **Dimensions:** 420.0mm x 145.0mm x 20.0mm (L x W x H)

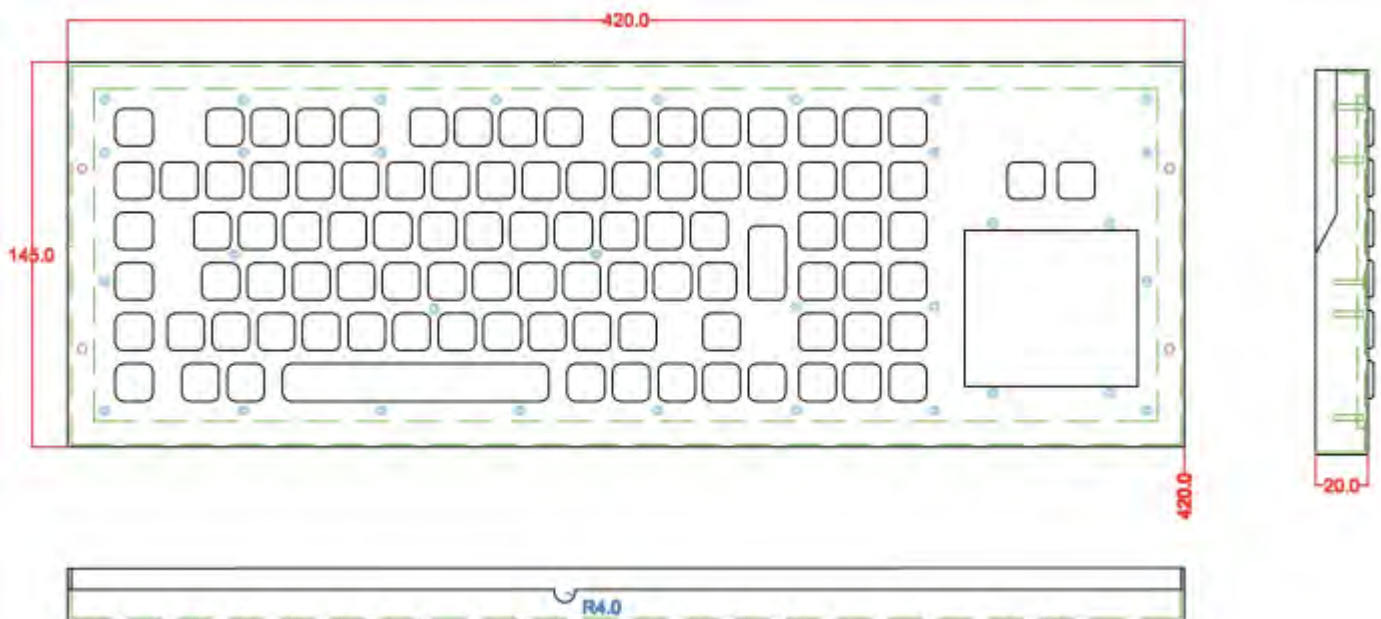
## K-TEK-A420TP-KP-FN-DT



- **Key top style:** metal dome PCB with gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.50 kgs.
- **Dimensions:** 420.0mm x 145.0mm x 20.0mm (L x W x H)

## K-TEK-B420TP-KP-FN-DT

Product Name			IP Rated TP
K-TEK-A420TP-FN-DT	Sealed Ruggedized Tough Touchpad; Numeric Keypad; FN keys; Stand alone desk top version	PS/2;USB	IP65 Dynamic
K-TEK-B420TP-FN-DT	Sealed Ruggedized Tough Touchpad; Numeric Keypad; FN keys; Stand alone desk top version	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# KEYBOARD WITH TOUCHPAD AND NUMERIC KEYPAD

## K-TEK-392TP-KP

**DESCRIPTION:** 83 keys compact format vandal proof IP65 stainless steel keyboard with integrated numeric keypad and sealed ruggedized tough touchpad, with carbon-on-gold (Model A) or gold-on-gold (Model B) key switch technology with long stroke 2.0mm(Model A) or short stroke 0.45mm (Model B), rear panel mounting solution.



**K-TEK-A392TP-KP**

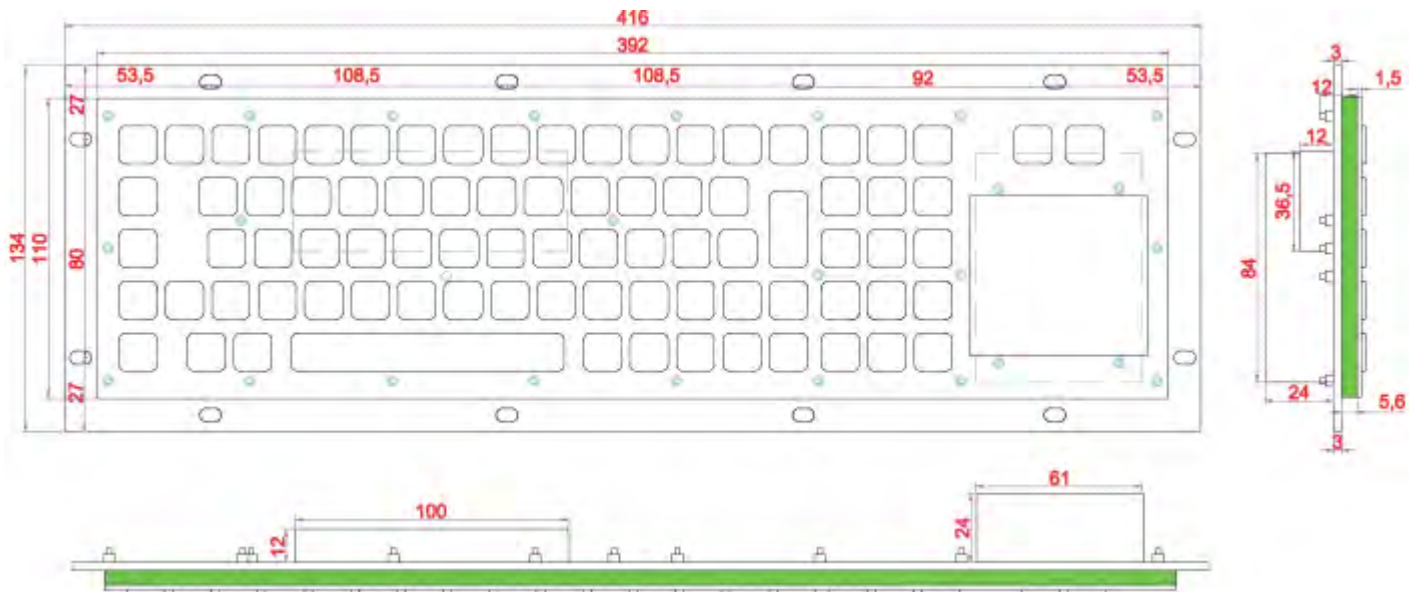
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.80 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel)



**K-TEK-B392TP-KP**

- **Key top style:** Metal dome PCB with Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.80 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel)

Product Name			IP Rated TP
K-TEK-A392TP-KP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
K-TEK-B392TP-KP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





## K-TEK-400TP-KP

**DESCRIPTION:** 83 Key Vandal proof Stainless Steel Protuberant long stroke (Model A) or short stroke (Model B) keyboard with integrated numeric keypad & sealed ruggedized tough touchpad, front panel mounting solution



**K-TEK-A400TP-KP**

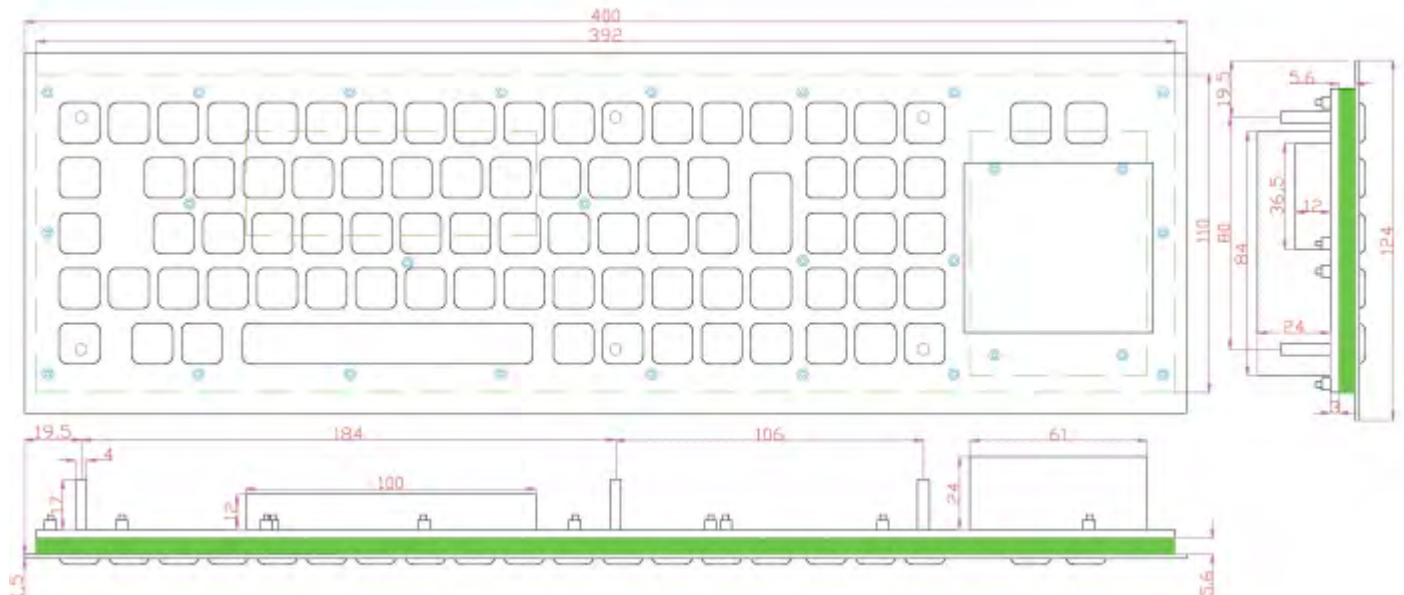
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 400.0mm x 124.0mm(front panel), 392.0mm x 110.0mm (back panel)



**K-TEK-B400TP-KP**

- **Key top style:** metal dome PCB with Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 400.0mm x 124.0mm(front panel), 392.0mm x 110.0mm (back panel)

Product Name			IP Rated TP
K-TEK-A400TP-KP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
K-TEK-B400TP-KP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-420TP-KP

**DESCRIPTION:** 81 Key Vandal proof Stainless Steel Protuberant long stroke (Model A) or short stroke (Mode B) keyboard with integrated numeric keypad & sealed ruggedized tough touchpad with scroll function (optional), numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES) ,front panel mounting solution.



**K-TEK-A420TP-KP**

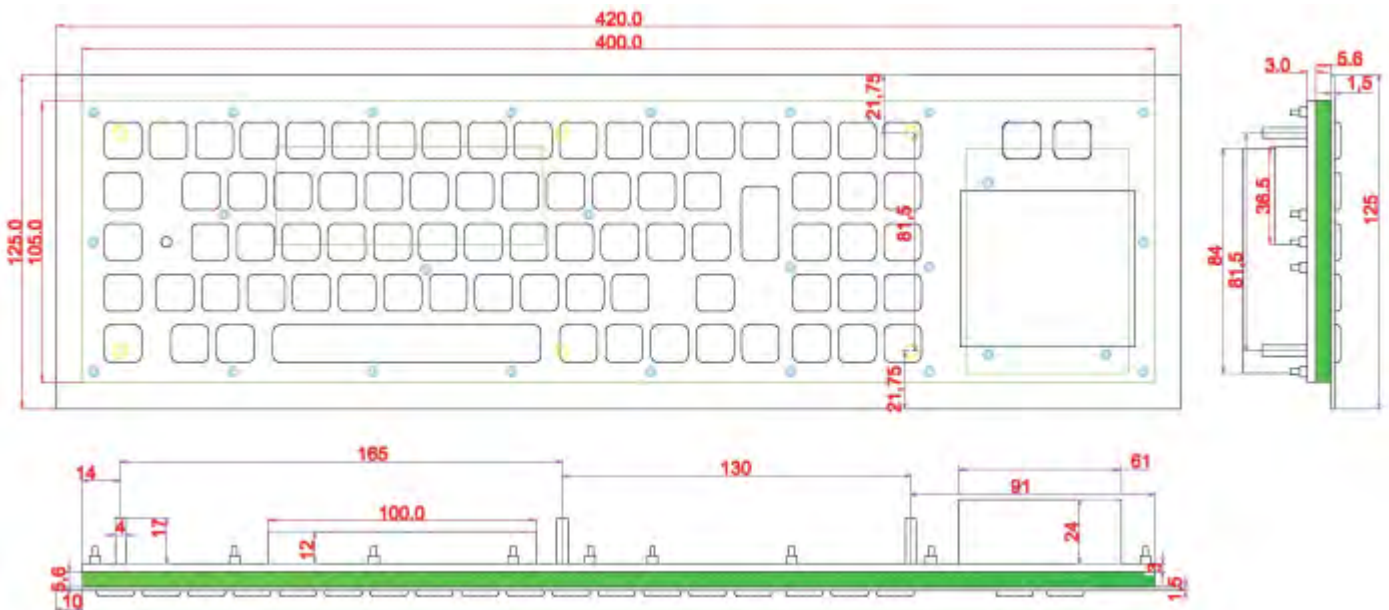
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 420.0mm x 125.0mm (front panel),400.0mm x 110.0mm (back panel).



**K-TEK-B420TP-KP**

- **Key top style:** metal dome PCB with gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 2.00 kgs.
- **Dimensions:** 420.0mm x 125.0mm (front panel), 400.0mm x 110.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A420TP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
K-TEK-B420TP	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-420TP-KP-FN

**DESCRIPTION:** 97 Key Vandal proof Stainless Steel long stroke(Model A) or short stroke (Model B) Keyboard with integrated touchpad with scroll function (optional), FN keys F1, F2,...F11, F12 are on the top line of the keyboard for easy operation.numeric keypad (optional PINPAD with Encryption Electronics Controller supporting DES/TDES, Front panel mounting solution.



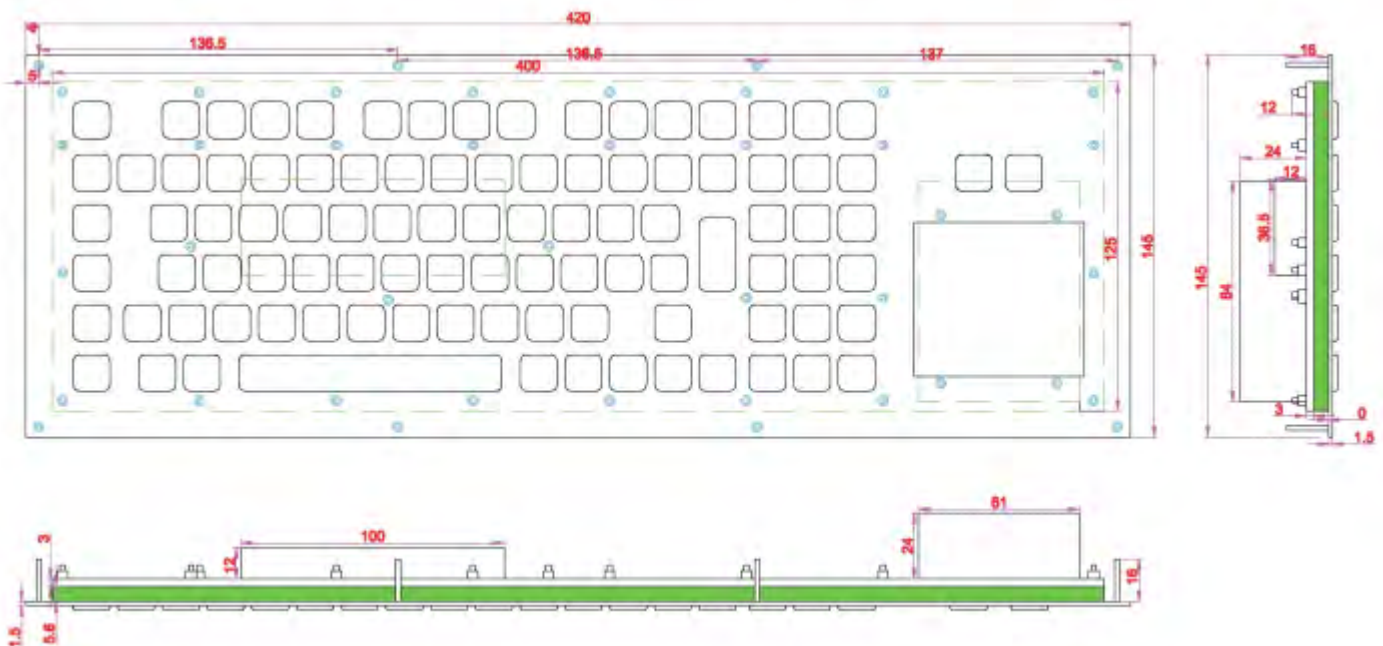
**K-TEK-A420TP-KP-FN**



**K-TEK-B420TP-KP-FN**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 2.10 kgs.
- **Dimensions:** 420.0mm x 145.0mm (front panel), 400.0mm x 125.0mm (back panel).
- **Key top style:** metal dome PCB with Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 2.10 kgs.
- **Dimensions:**420.0mm x 145.0mm (front panel), 400.0mm x 125.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A420TP-FN	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad, FN keys	PS/2;USB	IP65 Dynamic
K-TEK-B420TP-FN	Keyboard; Sealed Ruggedized Tough Touchpad ; Numeric Keypad, FN keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# KEYBOARD WITH TOUCHPAD

## K-TEK-343TP

**DESCRIPTION:** 69 keys compact format vandal proof IP65 dynamic stainless steel keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional), one complete silicone rubber along mounting aluminum plate for easy mounting & sealing with cabinet,) , rear panel mounting solution.



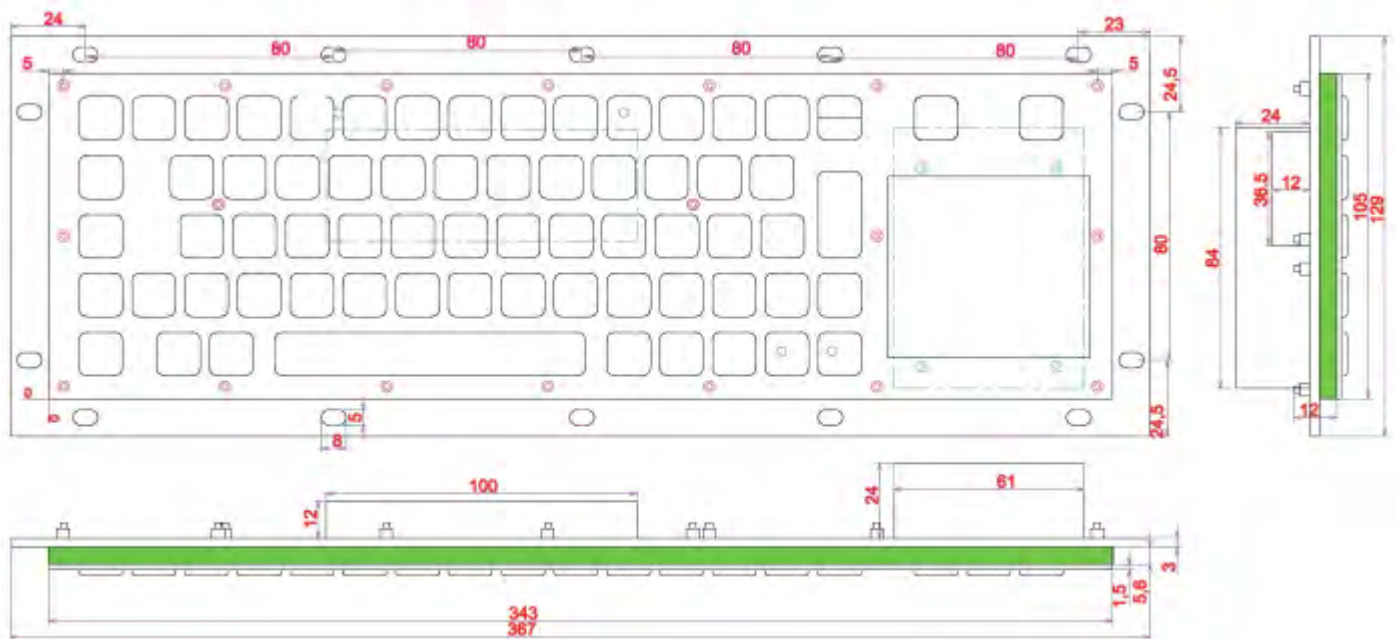
**K-TEK-A343TP**



**K-TEK-B343TP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60 kgs.
- **Dimensions:** 343.0mm x 105.0mm (front panel), 367.0mm x 129.0mm (back panel)
- **Key top style:** metal dome PCB with gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60 kgs.
- **Dimensions:** 343.0mm x 105.0mm (front panel), 367.0mm x 129.0mm (back panel)

Product Name			IP Rated TP
K-TEK-A343TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
K-TEK-B343TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-361TP

**DESCRIPTION:** 69 Keys compact format vandal-proof stainless steel long stroke (Model A) or short stroke (Mode B) keyboard with integrated sealed ruggedized tough touchpad with scroll function (optional) with front panel mounting solution.



**K-TEK-A361TP**

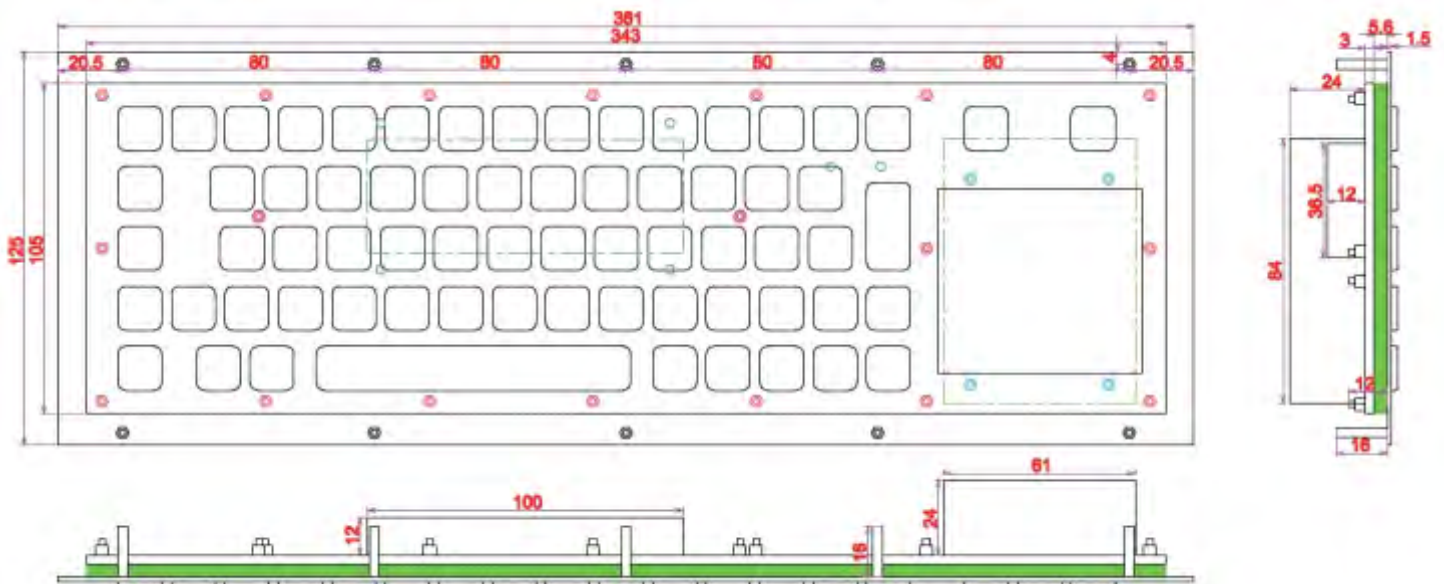
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.70 kgs.
- **Dimensions:** 361.0mm x 125.0mm (front panel), 343.0mm x 105.0mm (back panel).



**K-TEK-B361TP**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.70 kgs.
- **Dimensions:** 361.0mm x 125.0mm (front panel), 343.0mm x 105.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A361TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
K-TEK-B361TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-361TP-FN

**DESCRIPTION:** 79 keys compact format vandal resistant stainless steel long stroke(Model A) or short stroke (Mode B) Keyboard with integrated sealed ruggedized tough touchpad with scroll function (optional), function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations, with front panel mounting solution.



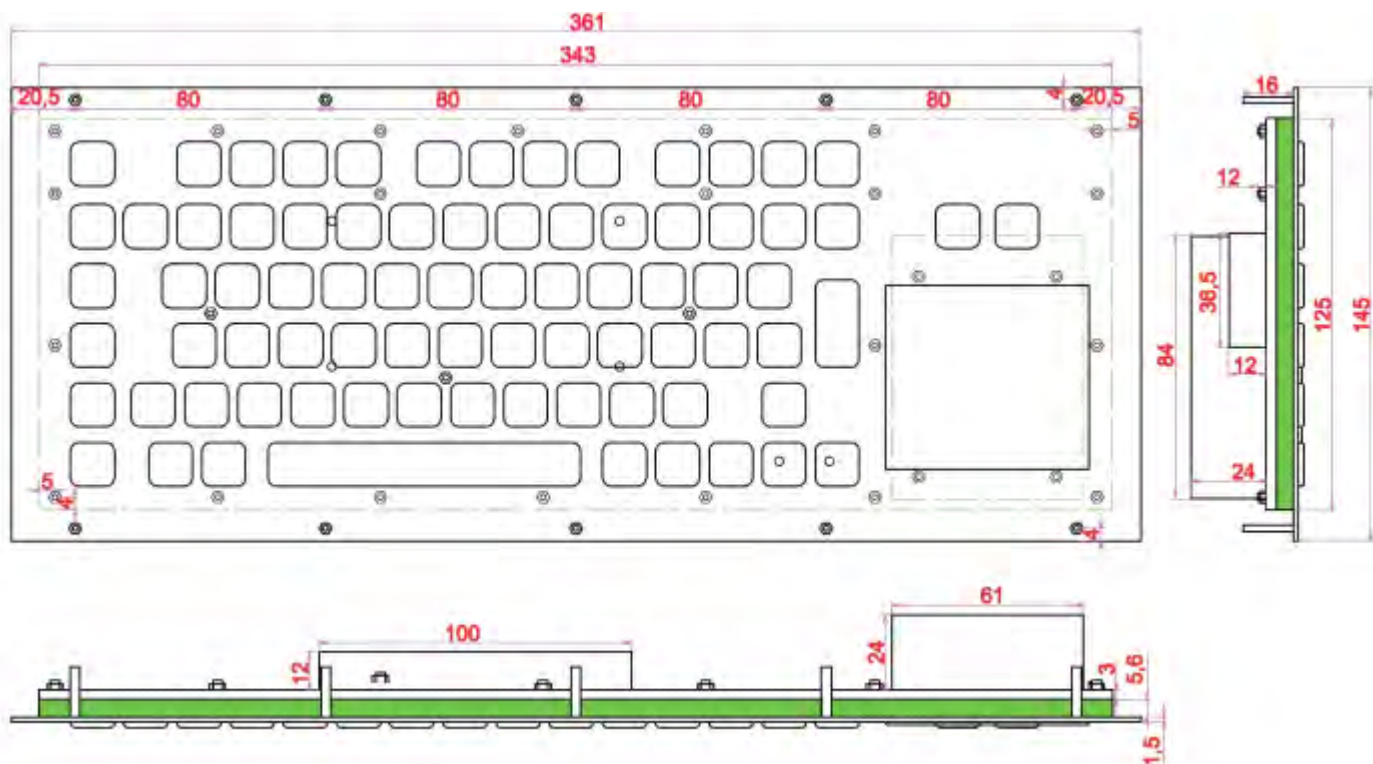
**K-TEK-A361TP-FN**



**K-TEK-B361TP-FN**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.80 kgs.
  - **Dimensions:** 361.0mm x 145.0mm (front panel), 343.0mm x 125.0mm (back panel).
- 
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.80 kgs.
  - **Dimensions:** 361.0mm x 145.0mm (front panel), 343.0mm x 125.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A361TP-FN	Keyboard; Touchpad; Function keys	PS/2;USB	IP65 Dynamic
K-TEK-B361TP-FN	Keyboard; Touchpad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-392TP

**DESCRIPTION:** 68 Keys vandal-proof stainless steel long stroke (Model A) or short stroke (Mode B) keyboard with sealed ruggedized tough touchpad with scroll function (optional), with rear panel mounting solution.



- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.70 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel).

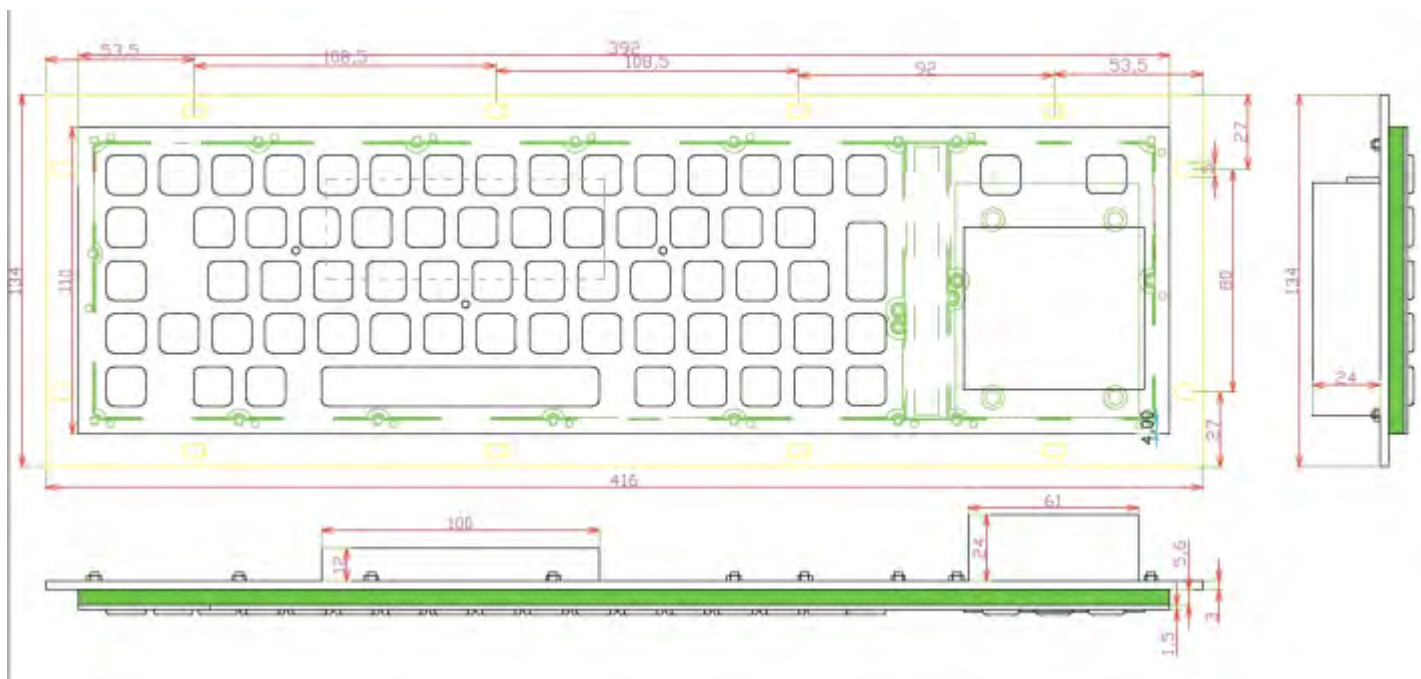
### K-TEK-A392TP



- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.70 kgs.
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel).

### K-TEK-B392TP

Product Name			IP Rated TP
K-TEK-A392TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
K-TEK-B392TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-400TP

**DESCRIPTION:** 68 Keys vandal-proof stainless steel long stroke (Model A) or short stroke (Mode B) keyboard with integrated touchpad with scroll function (optional, with front assembly solution).



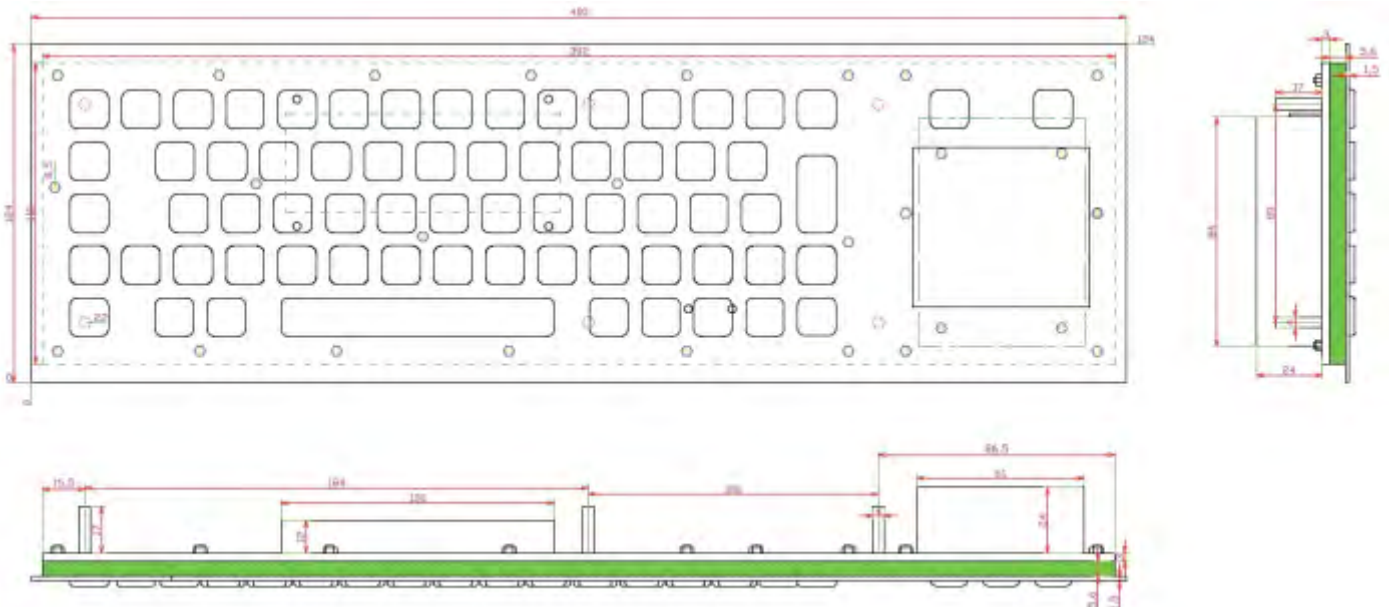
**K-TEK-A400TP**



**K-TEK-B400TP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 400.0mm x 124.0mm (front panel), 392.0mm x 110.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 400.0mm x 124.0mm (front panel), 392.0mm x 110.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A400TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
K-TEK-B400TP	Keyboard; Touchpad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





# KEYBOARD WITH NUMERIC KEYPAD

## K-TEK-320KP

**DESCRIPTION:** 79 Keys Compact Format Vandal-proof stainless steel long stroke (Model A) or short stroke (Mode B) keyboard with integrated numeric keypad (with optional encryption module supporting DES/Tripe DES), with rear mounting solution.



**K-TEK-A320KP**

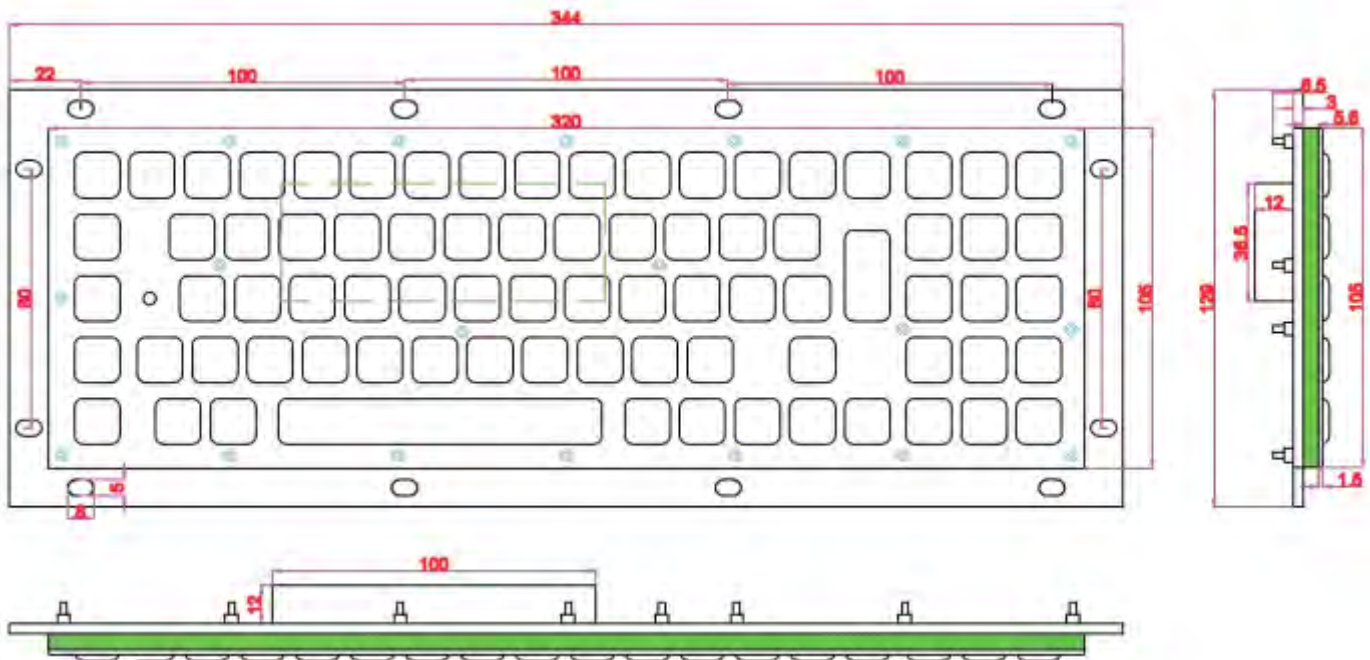
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60KGs.
- **Dimensions:** 320.0mm x 105.0mm (front panel), 344.0mm x 129.0mm (back panel).



**K-TEK-B320KP**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60KGs.
- **Dimensions:** 320.0mm x 105.0mm (front panel), 344.0mm x 129.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A320KP	Keyboard; Numeric keypad	PS/2;USB	IP65 Dynamic
K-TEK-B320KP	Keyboard; Numeric keypad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-340KP

**DESCRIPTION:** 79 keys Vandal-proof stainless steel long stroke(Model A) or short stroke (Mode B) keyboard with integrated numeric keypad (with optional encryption module supporting DES/Triple DES), with front panel mounting solution.



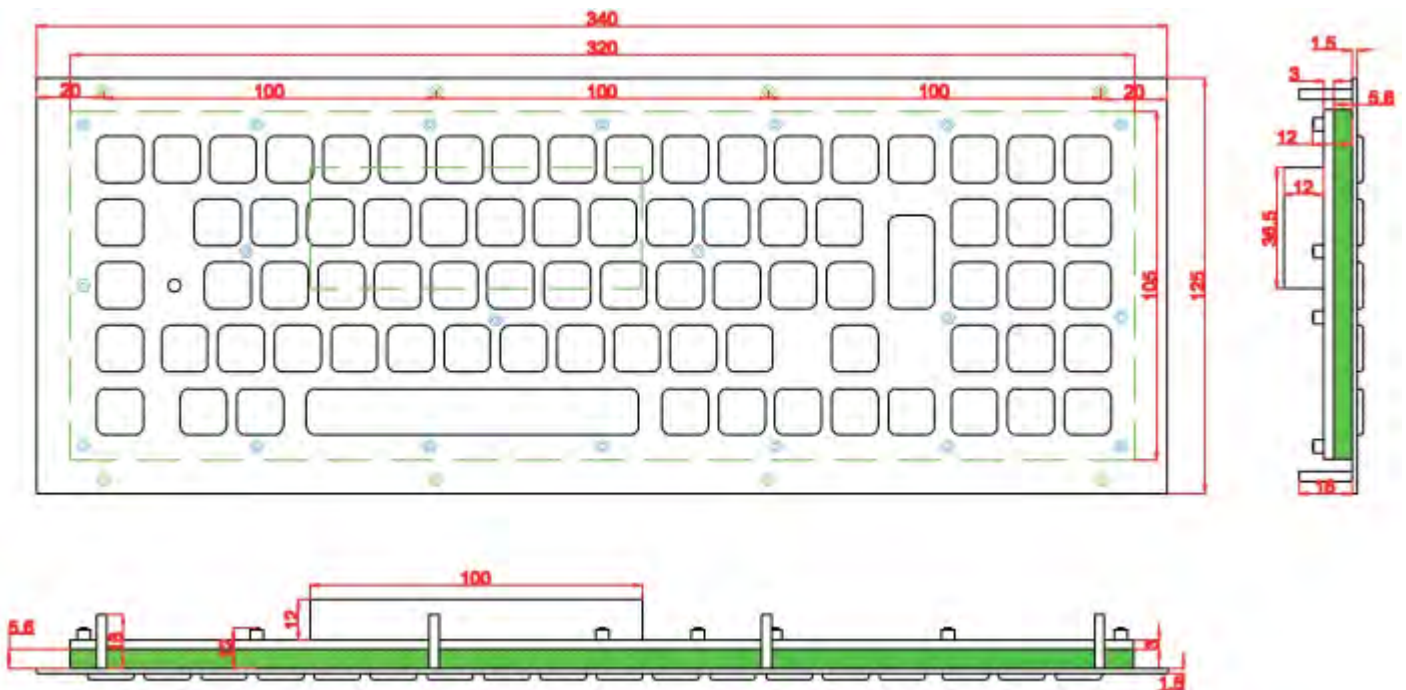
**K-TEK-A340KP**



**K-TEK-B340KP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60KGs.
- **Dimensions:**340.0mm x 125.0mm (front panel), 320.0mm x 110.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60KGs.
- **Dimensions:**340.0mm x 125.0mm (front panel), 320.0mm x 110.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A340KP	Keyboard; Numeric keypad	PS/2;USB	IP65 Dynamic
K-TEK-B340KP	Keyboard; Numeric keypad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-340KP-FN

**DESCRIPTION:** 95 keys Compact Format Vandal-proof stainless steel long stroke (Model A) or short stroke (Mode B) keyboard with integrated numeric keypad (with optional encryption module supporting DES/Tripe DES), and function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations, with front panel mounting solution.



**K-TEK-A340KP-FN**

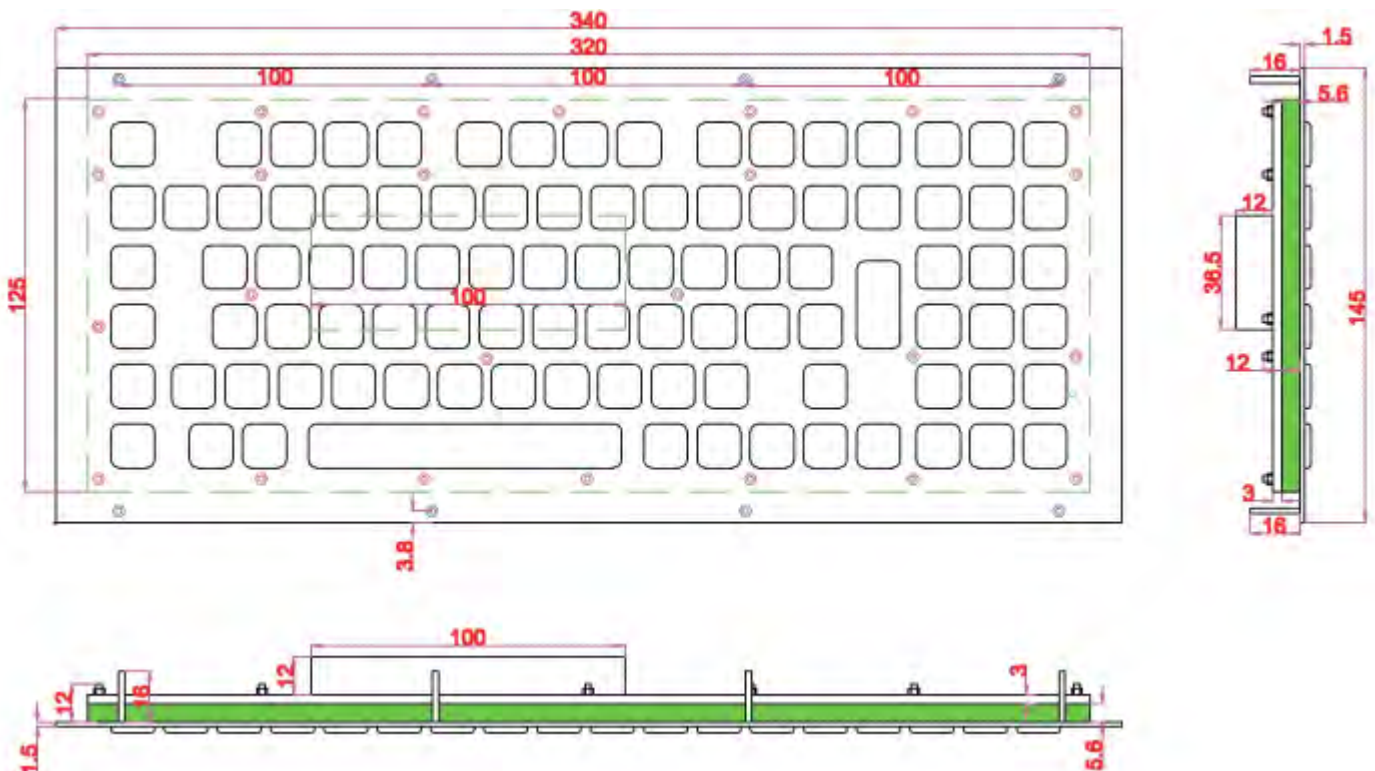
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 340.0mm x 145.0mm (front panel), 320.0mm x 125.0mm (back panel).



**K-TEK-B340KP-FN**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.80 kgs.
- **Dimensions:** 340.0mm x 145.0mm (front panel), 320.0mm x 125.0mm (back panel).

Product Name			IP Rated TP
K-TEK-A340KP-FN	Keyboard; Numeric keypad; Function keys	PS/2;USB	IP65 Dynamic
K-TEK-B340KP-FN	Keyboard; Numeric keypad; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# INDUSTRIAL METAL KEYBOARD

## K-TEK-224

**DESCRIPTION:** 47 keys anti-vandalism metal payphone keyboard with long stroke (Model A) or short stroke (Mode B), with rear mounting solution.



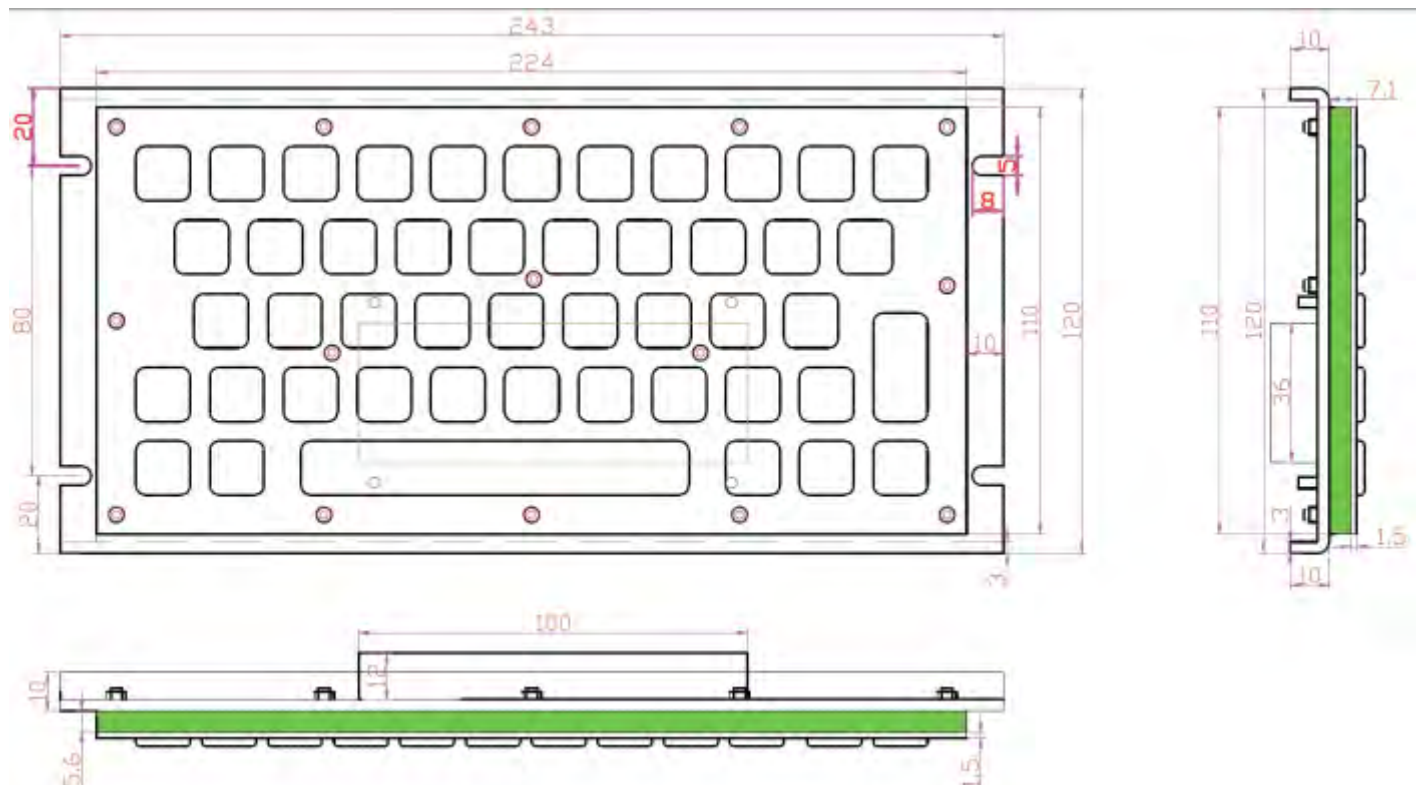
**K-TEK-A224**



**K-TEK-B224**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.10 kgs.
- **Dimensions:** 224.0mm×110.0mm(front panel), 243.0mm×120.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.10 kgs.
- **Dimensions:**224.0mm×110.0mm (front panel), 243.0mm× 120.0mm (back panel).

Product Name			IP Rated
K-TEK-A224	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B224	keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-272

**DESCRIPTION:** 64 keys compact format vandal proof IP65 stainless steel keyboard with long stroke (Model A) or short stroke (Mode B), with rear mounting solution.



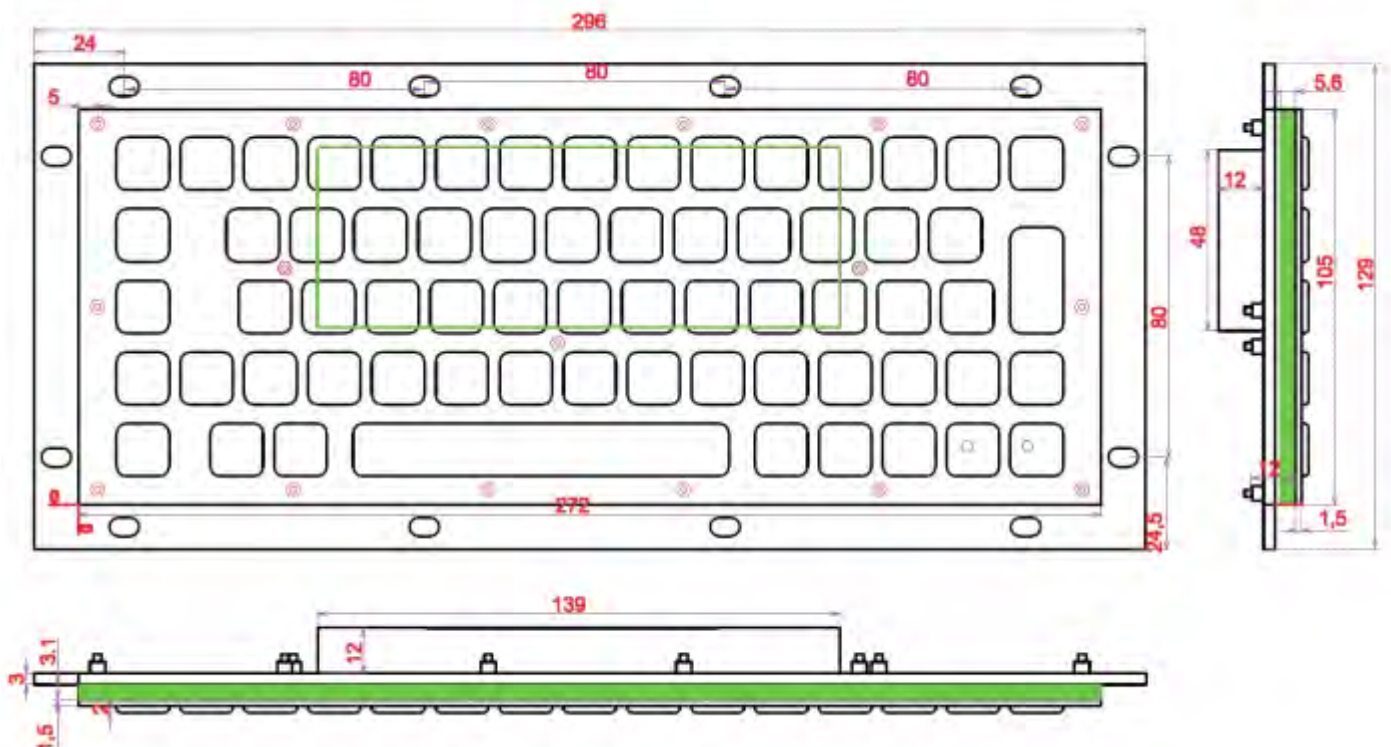
**K-TEK-A272**



**K-TEK-B272**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.20 kgs.
- **Dimensions:** 272.0mm x 105.0mm (front panel), 296.0mm x 129.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- With firm tactile key feel, short key travel (0.45mm) switches.
- **G.W:** 1.20 kgs.
- **Dimensions:** 272.0mm x 105.0mm (front panel), 296.0mm x 129.0mm (back panel).

Product Name			IP Rated
K-TEK-A272	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B272	keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-290

**DESCRIPTION:** 64 keys compact format vandal proof IP65 stainless steel keyboard for fast and accurate data input with long stroke (Model A) or short stroke (Mode B) , with front panel mounting solution.



**K-TEK-A290**

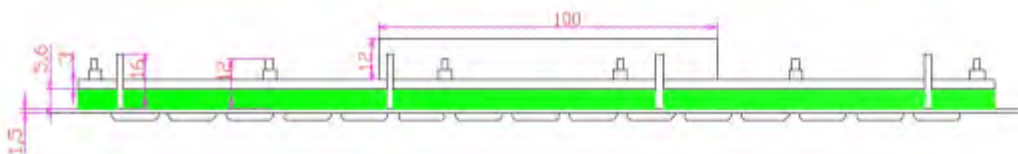
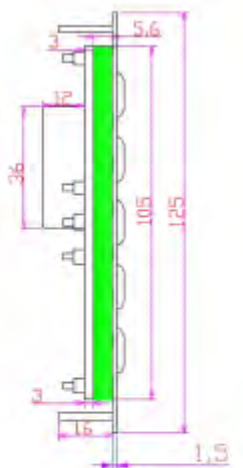
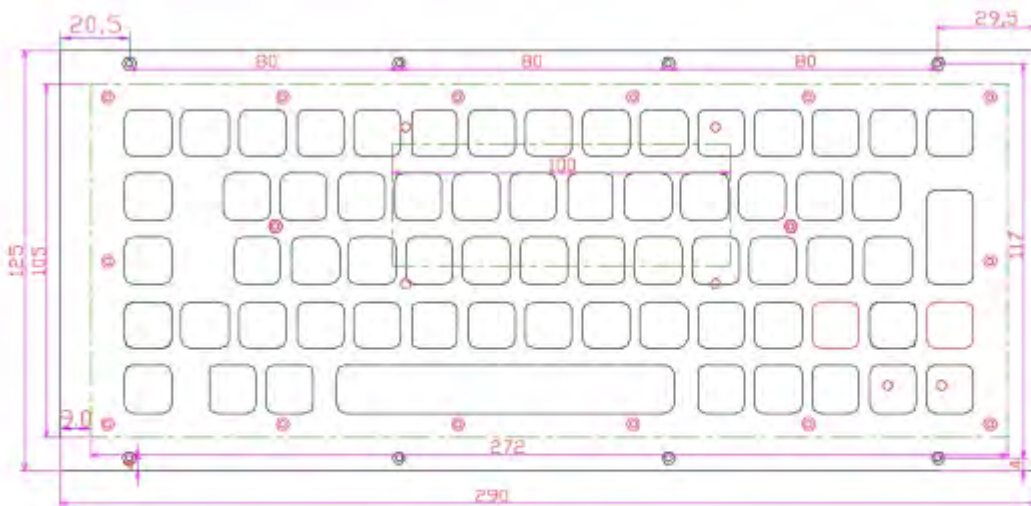
- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.30 kgs.
- **Dimensions:** 290.0mm x 125.0mm (front panel), 272.0mm x 105.0mm (back panel).



**K-TEK-B290**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.30 kgs.
- **Dimensions:** 290.0mm x 125.0mm (front panel), 272.0mm x 105.0mm (back panel).

Product Name		IP Rated	
K-TEK-A290	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B290	keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-290-FN

**DESCRIPTION:** 77 keys compact format vandal proof IP65 stainless steel long stroke (Model A) or short stroke (Model B) Keyboard, function keys F1, F2...F11, F12 are on the top line of keyboard for easy operations, with front panel mounting solution.



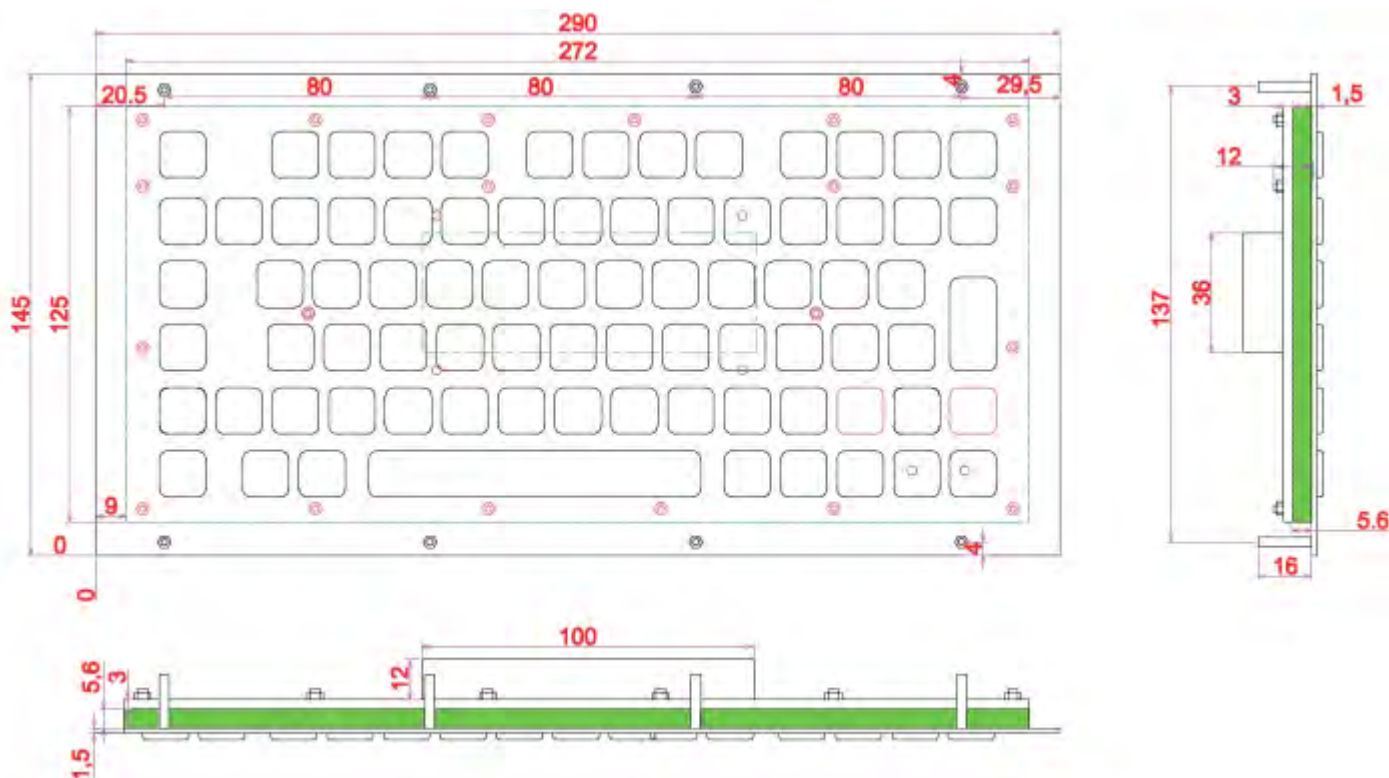
**K-TEK-A290-FN**



**K-TEK-B290-FN**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.40 kgs.
- **Dimensions:** 290.0mm x 145.0mm (front panel),  
290.0mm x 125.0mm (back panel).
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.40 kgs.
- **Dimensions:** 290.0mm x 145.0mm (front panel),  
290.0mm x 125.0mm (back panel).

Product Name			IP Rated
K-TEK-A290-FN	Keyboard; Function keys	PS/2;USB	IP65 Dynamic
K-TEK-B290-FN	Keyboard; Function keys	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-300

**DESCRIPTION:** 64 keys Vandal-proof Stainless Steel Industrial Long Stroke (Model A) or short stroke (Model B) Keyboard, with rear panel mounting solution.



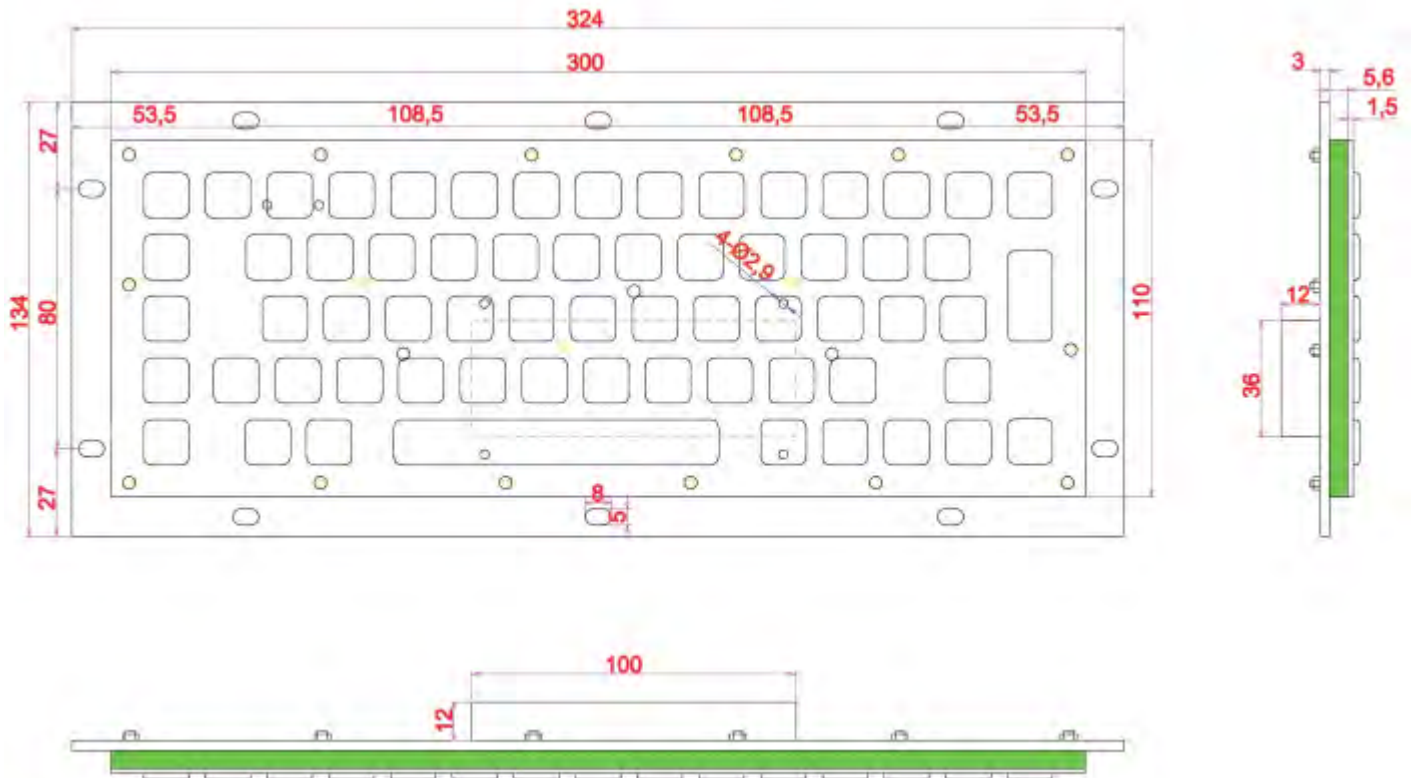
**K-TEK-A300**



**K-TEK-B300**

- **Key top style:** Carbon-on-gold key switch technology with protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.30 kgs.
  - **Dimensions:** 300.0mm x 110.0mm (front panel), 324.0mm x 134.0mm (back panel).
- 
- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
  - **G.W.:** 1.30 kgs.
  - **Dimensions:** 300.0mm x 110.0mm (front panel), 324.0mm x 134.0mm (back panel).

Product Name			IP Rated
K-TEK-A300	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B300	keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			





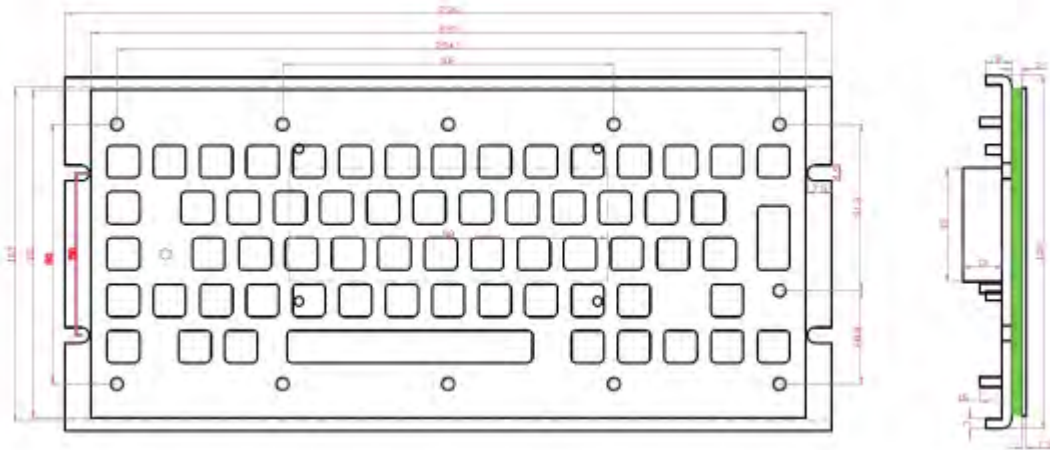
## SLIM KIOSK KEYBOARD

**DESCRIPTION:** 64 keys vandal proof IP65 MINI stainless steel keyboard, metal dome PCB with short stroke (0.45mm), with rear mounting solution.



**K-TEK-B220**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.10 kgs.
- **Dimensions:** 220.0mm×101.0mm (front panel), 236.0mm× 109.0mm (back panel).

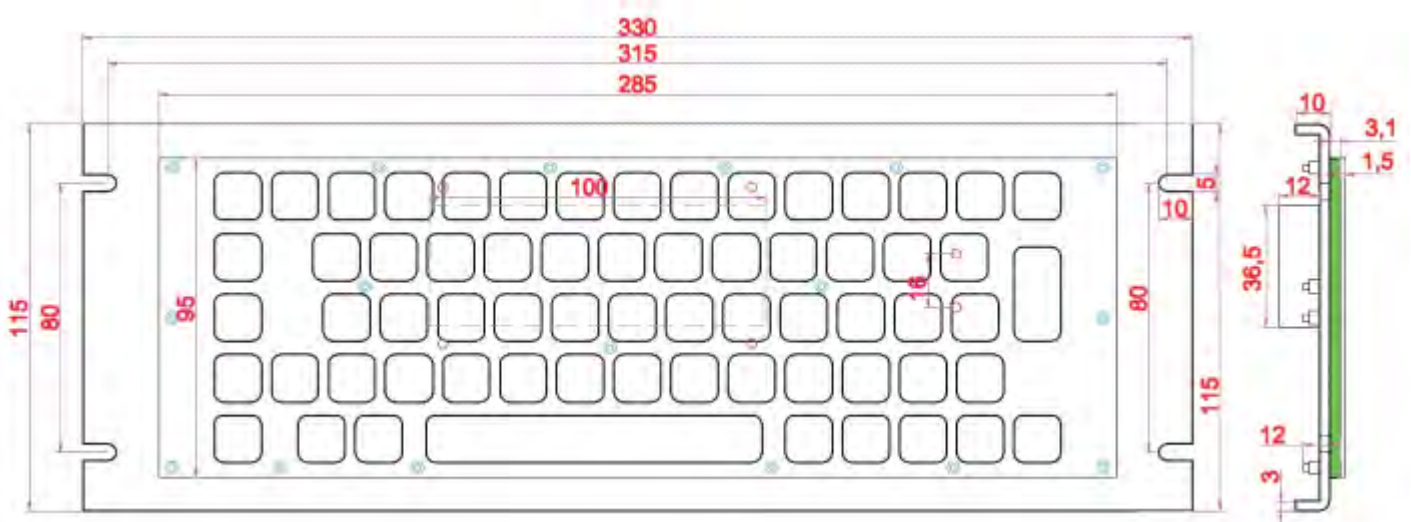


**DESCRIPTION:** 65 keys vandal proof metal Keyboard with short stroke 0.45mm, with rear mounting solution



**K-TEK-B285**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.20 kgs.
- **Dimensions:** 285.0mm×95.0mm (front panel), 330.0mm×115.0mm (back panel).

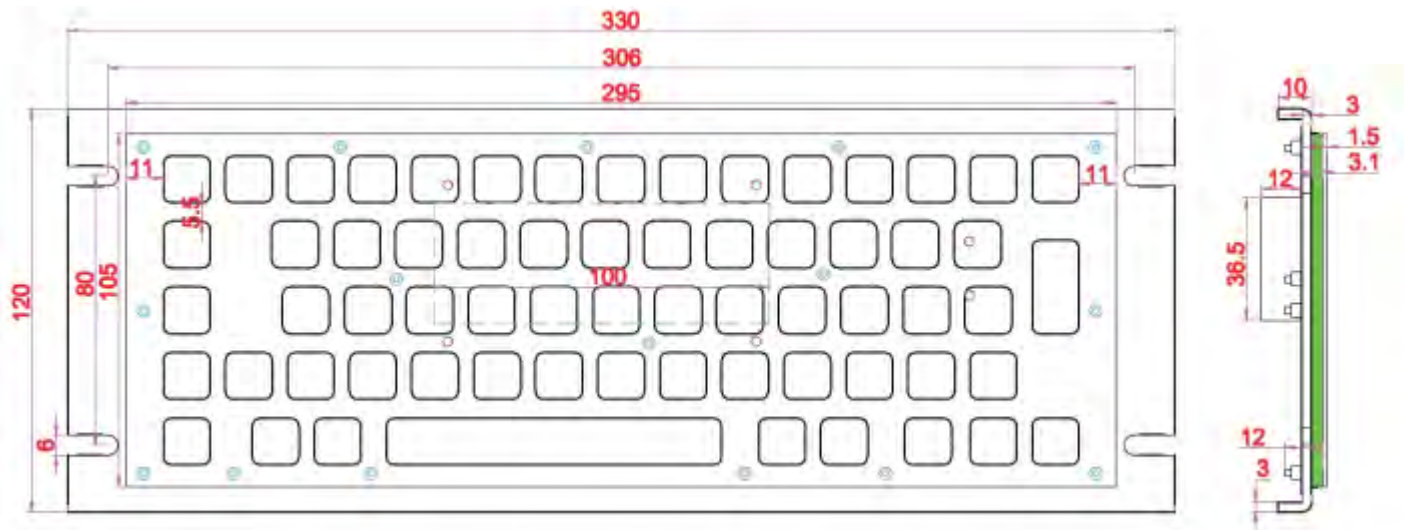


**DESCRIPTION:** 64 keys vandal resistant metal Keyboard with short stroke with 0.45mm, with rear mounting solution



**K-TEK-B295**

- **Key top style:** Gold-on-gold key switch technology with plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.30 kgs.
- **Dimensions:** 295.0mm×105.0mm (front panel), 330.0mm×120.0mm (back panel).



Product Name			IP Rated
K-TEK-B220	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B285	keyboard	PS/2;USB	IP65 Dynamic
K-TEK-B295	keyboard	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			

# BANK KIOSK PINPAD KEYBOARD

## K-TEK-340-KP-PP

**DESCRIPTION:** 79 keys compact format vandal proof IP65 stainless steel keyboard with integrated EPP with encryption module supporting DES/TDES for bank kiosks, ATM/CDM etc. The keyboard is with long stroke 2.0mm (Model A) or short stock 0.45mm (Model B) for fast and accurate data input.

**APPLICATION:** This Keyboard is mainly targeted for use for unsupervised or semi-supervised positions of varied bank access applications, Bank kiosks, ATM, CDMs etc.



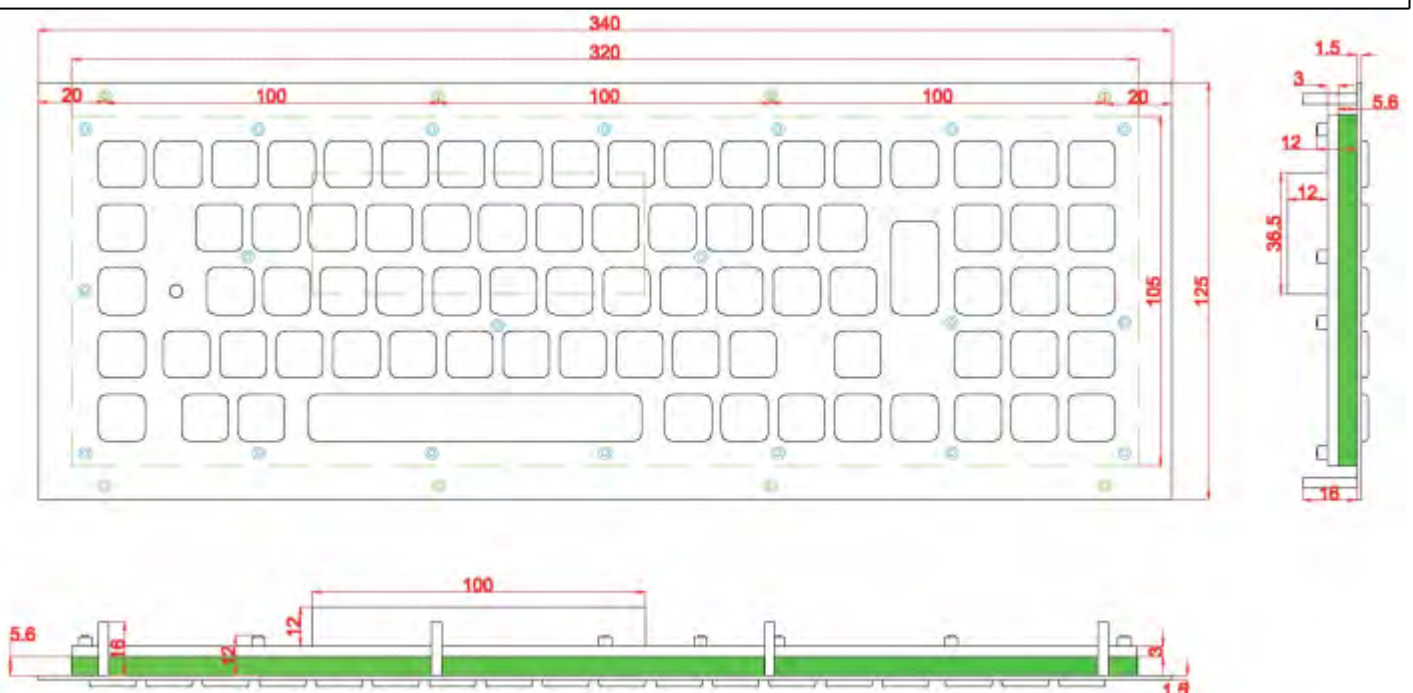
**K-TEK-A340-KP-PP**



**K-TEK-B340-KP-PP**

- **Key top style:** Carbon-on-gold key switch technology with protuberant (Mode A) or gold-on-gold key switch technology with plain/non-protuberant (Mode B) rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- Standard RS232 serial interface.
- Communication velocity: 19200, 9600, 4800, 2400, 1200bps.
- Data format: N, 8, 1.
- 15 actuators: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 2 defined for ABC.
- Data encryption and decryption (DES/TDES), MAC Algorithm.
- Encryption rate: < 1 second.
- **G.W.:** 1.60 kgs
- **Dimensions:** 340.0mm x 125.0mm (front panel), 320.0mm x 105.0mm (back panel)

Product Name			IP Rate
K-TEK-A340PP	Keyboard; Pinpad	PS/2;USB	IP65 Dynamic
K-TEK-B340PP	Keyboard; Pinpad	PS/2;USB	IP65 Dynamic
Other language versions/interfaces/configuration available on request			



## K-TEK-392TB-PP

**DESCRIPTION:** 83 keys compact format vandal proof IP65 stainless steel keyboard with integrated trackball and EPP with encryption module supporting DES/TDES for bank kiosk, ATM/CDM etc, with long stroke 2.0mm (Model A) or short stock 0.45mm (Model B) for fast and accurate data input, with rear panel mounting solution.



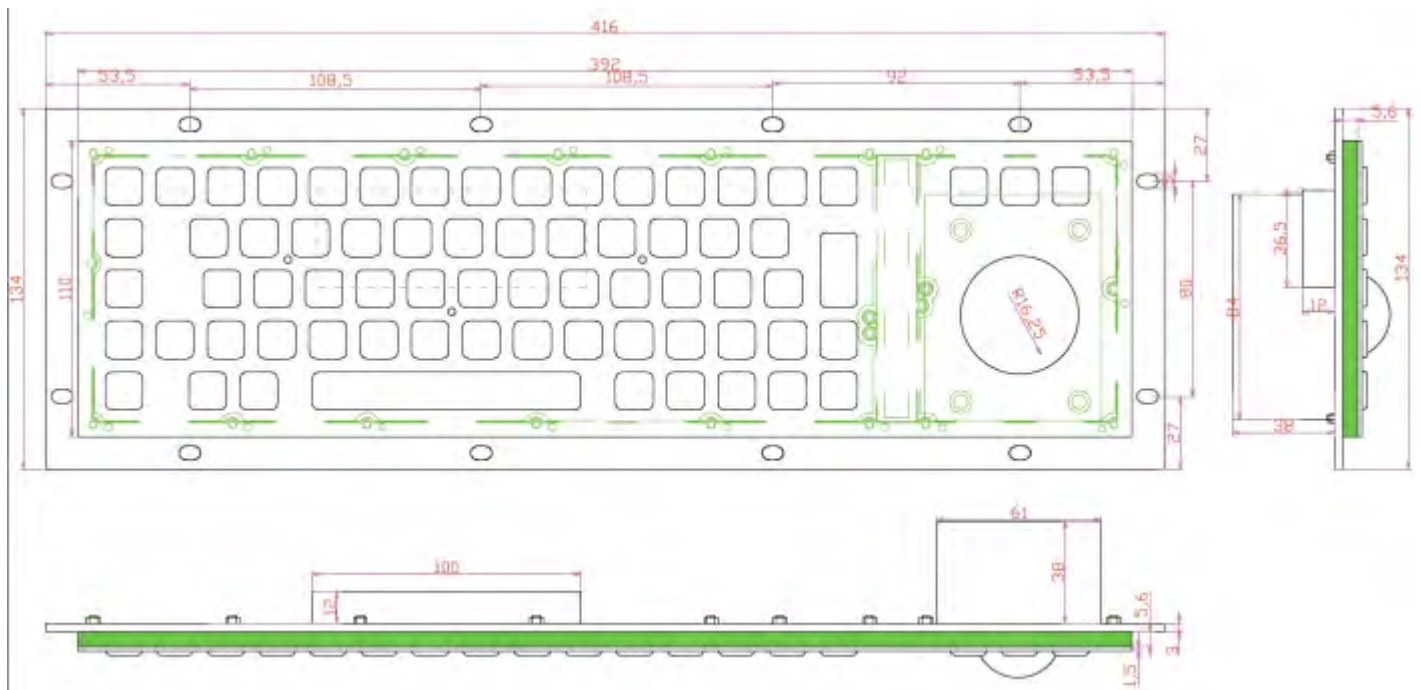
**K-TEK-A392TB-PP**



**K-TEK-B392TB-PP**

- **Key top style:** Carbon-on-Gold key switch with Protuberant (Mode A) or Gold-on-Gold key switch with plain/non-protuberant (Mode B) rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- Standard RS232 serial interface.
- Communication velocity: 19200, 9600, 4800, 2400, 1200bps.
- Data format: N, 8, 1.
- 15 actuators: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 2 defined for ABC.
- Data encryption and decryption (DES/TDES), MAC Algorithm.
- Encryption rate: < 1 second.
- **G.W.:** 2.00 kgs
- **Dimensions:** 392.0mm x 110.0mm (front panel), 416.0mm x 134.0mm (back panel)

Product Name			IP Rate
K-TEK-A392-MTB-PP	Keyboard; 400 DPI Mechanical Trackball; Pinpad	PS/2;USB	IP65 Static
K-TEK-A392-LTB-PP	Keyboard; 800 DPI Laser Trackball; Pinpad	PS/2;USB	IP68 Dynamic
K-TEK-A392-OTB-PP	Keyboard; 1200 DPI Optical Trackball; Pinpad	PS/2;USB	IP68 Dynamic
K-TEK-B392-MTB-PP	Keyboard; 400 DPI Mechanical Trackball; Pinpad	PS/2;USB	IP65 Static
K-TEK-B392-LTB-PP	Keyboard; 1200 DPI Laser Trackball; Pinpad	PS/2;USB	IP68 Dynamic
K-TEK-B392-OTB-PP	Keyboard; 800 DPI Optical Trackball; Pinpad	PS/2;USB	IP68 Dynamic
Other language versions/interfaces/configuration available on request			



# K-TEK-420TB-PP

**DESCRIPTION:** 81 keys compact format vandal proof IP65 stainless steel keyboard with integrated trackball and EPP with encryption module supporting DES/TDES for bank kiosk, ATM/CDM etc, with long stroke 2.0mm (Model A) or short stock 0.45mm (Mode B), with top panel mounting.



**K-TEK-A420TB-PP**

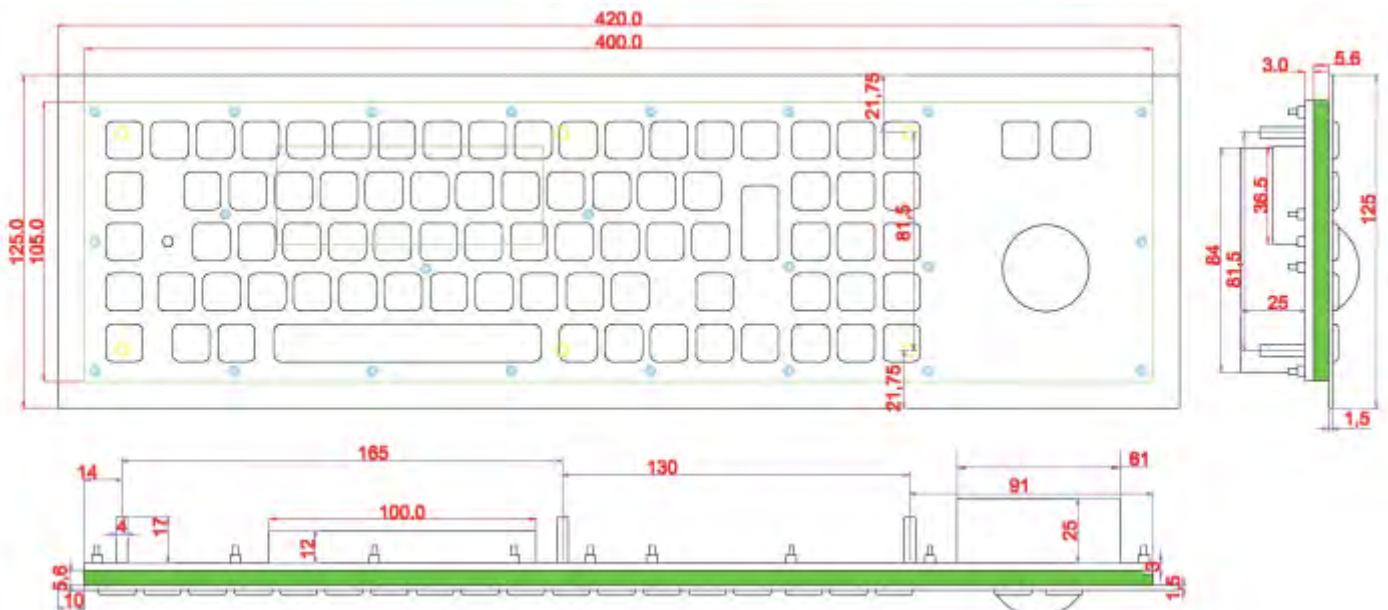


**K-TEK-B420TB-PP**

- **Key top style:** Carbon-on-Gold key switch with Protuberant (Mode A) or Gold-on-Gold key switch with plain/non-protuberant (Mode B) rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- Standard RS232 serial interface.
- Communication velocity: 19200, 9600, 4800, 2400, 1200bps.
- Data format: N, 8, 1.
- 15 actuators: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 2 defined for ABC.
- Data encryption and decryption (DES/TDES), MAC Algorithm.
- Encryption rate: < 1 second.
- **G.W:** 2.00 kgs.
- **Dimensions:** 420.0mm x 124.0mm (front panel), 392.0mm x 105.0mm (back panel)

Product Name			IP Rated
K-TEK-A420-MTB-PP	Keyboard; 400 DPI Mechanical Trackball; Pinpad	PS/2;USB	IP65 static
K-TEK-A420-LTB-PP	Keyboard; 800 DPI Laser Trackball; Pinpad	PS/2;USB	IP68 Dynamic
K-TEK-A420-OTB-PP	Keyboard; 1200 DPI Optical Trackball; Pinpad	PS/2;USB	IP68 Dynamic
K-TEK-B420-MTB-PP	Keyboard; 400 DPI Mechanical Trackball; Pinpad	PS/2;USB	IP65 static
K-TEK-B420-LTB-PP	Keyboard; 1200 DPI Laser Trackball; Pinpad	PS/2;USB	IP 68 Dynamic
K-TEK-B420-OTB-PP	Keyboard; 800 DPI Optical Trackball; Pinpad	PS/2;USB	IP68 Dynamic

Other language versions/interfaces/configuration available on request



# METAL NUMERIC KEYPADS

## K-TEK-68KP

**DESCRIPTION:** 12 Keys Vandal proof IP65 Stainless Steel Compact Format Numeric keypad with electronics controller protected by stainless steel housing, carbon-on-gold key switch technology with long stroke 2.0mm, with top stainless steel panel mounting with rubber sealing gasket.

- Standard PC/AT keyboard interface.
- **12 actuator on the keypad:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, \*, #. Any keys can be re-defined per customers' requirements.

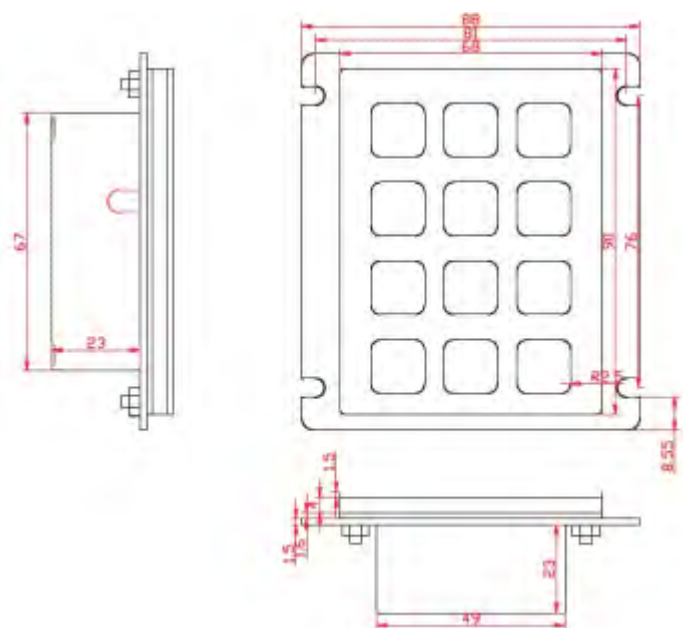
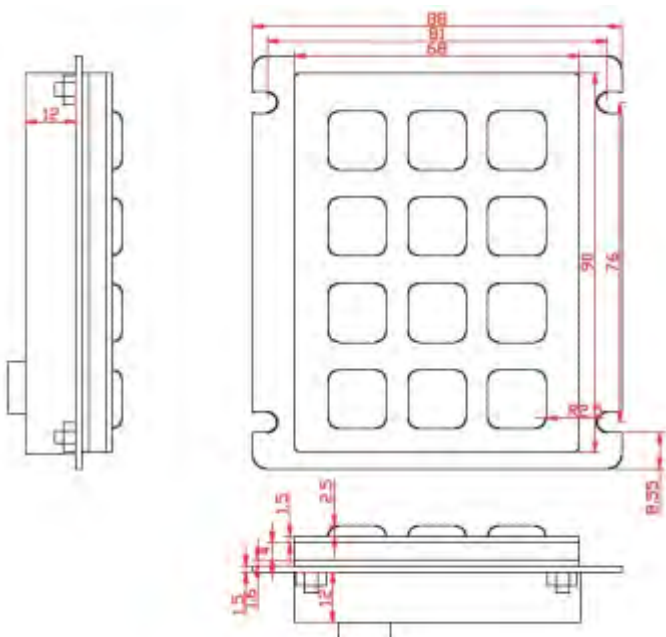
**Dimensions:** 68.0mm × 90.0mm (front panel)

- **G.W.:** 0.50 kgs.

## K-TEK-A68KP



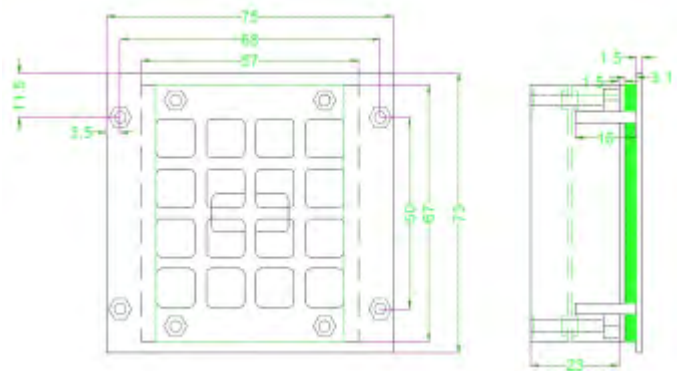
## K-TEK-B68KP



## K-TEK-B75KP

**DESCRIPTION:** 16 keys vandal proof IP65 stainless steel keypad with MINI keys, with metal dome PCB with gold-on-gold key switch technology, with top panel mounting solution.

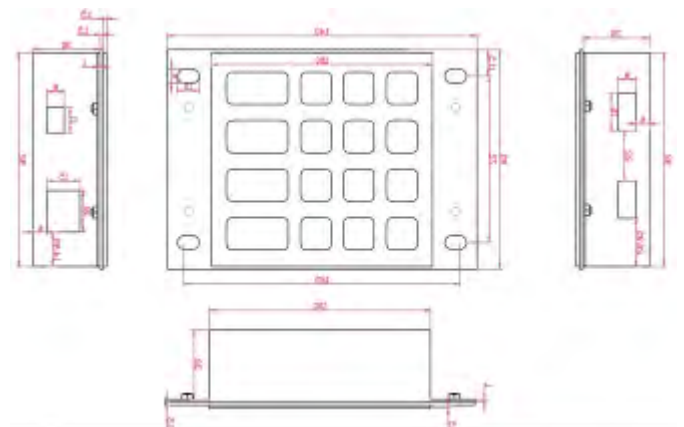
- Standard PC/AT keyboard interface.
- 10mm x 10mm slim key with compact keypad layout.
- **16 actuator on the keypad:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, B space, Up, Down, Menu, Cancel, Enter, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 75.0mm x 73.0mm.
- **G.W:** 0.60 kgs.



## K-TEK-B100KP

**DESCRIPTION:** 16 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, with top stainless steel panel mounting.

- Standard PC/AT keyboard interface.
- 16 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.
- 8 functional keys: F5, F10, F11, F12 and up/down/right/left arrows (optional).
- **Dimensions:** 100.0mm x 100.0mm.
- **G.W:** 0.85 kgs.



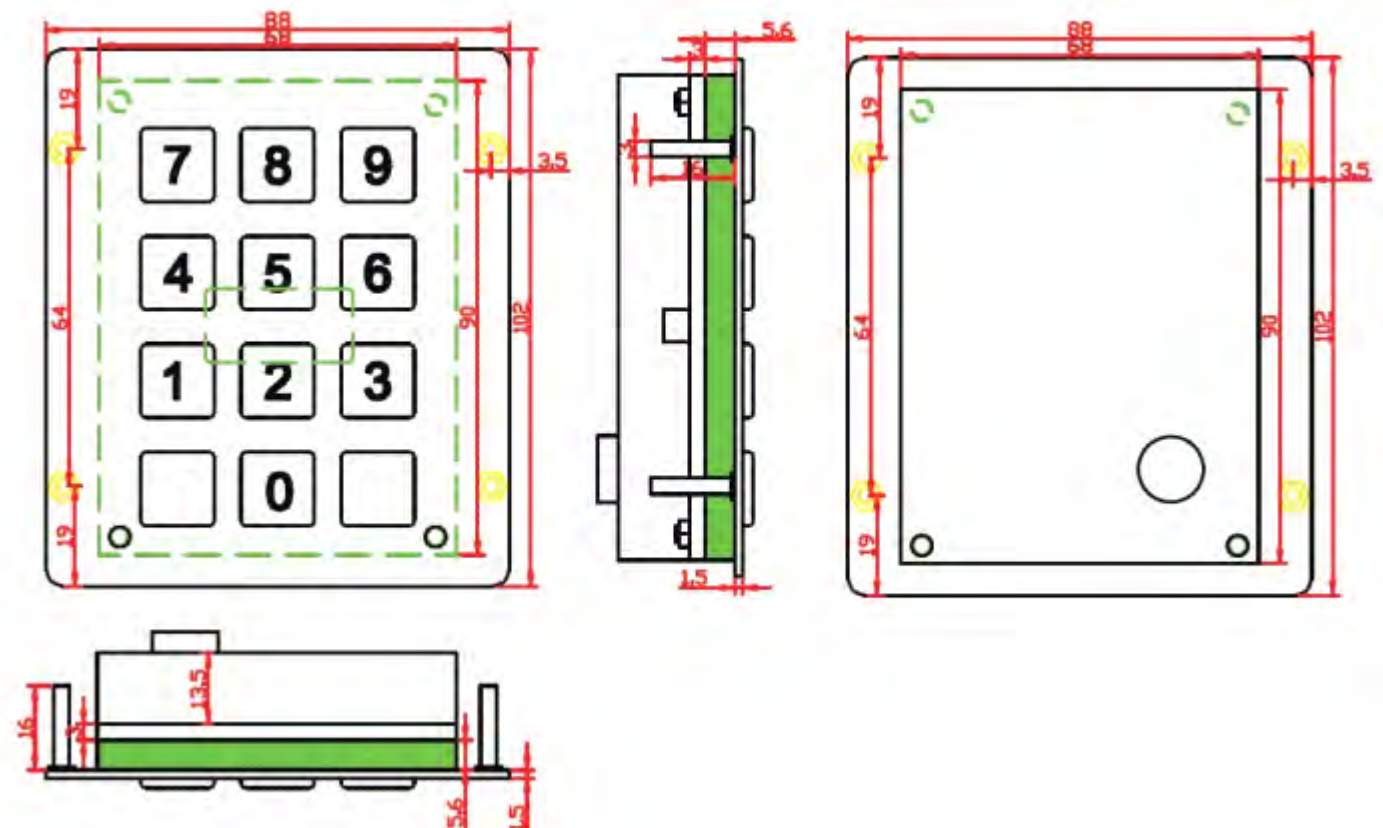
# K-TEK-88KP

**DESCRIPTION:** 12 Keys Vandal-proof Stainless Steel Numeric Keypad with Long Stroke (Model A) or short stroke (Mode B) Keyboard, with top mounting with sealing gasket for easy tightly mounting to enclosure or panel. Backlight (red/blue/white/green) optional ,electronics controller protected by stainless steel housing with front mounting solution.

- Standard PC/AT keyboard interface.
- **12 actuator on the keypad:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, \*, #. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 88.0mm x 102.0mm.
- **G.W:** 0.50 kgs.

**K-TEK-A88KP**

**K-TEK-B88KP**

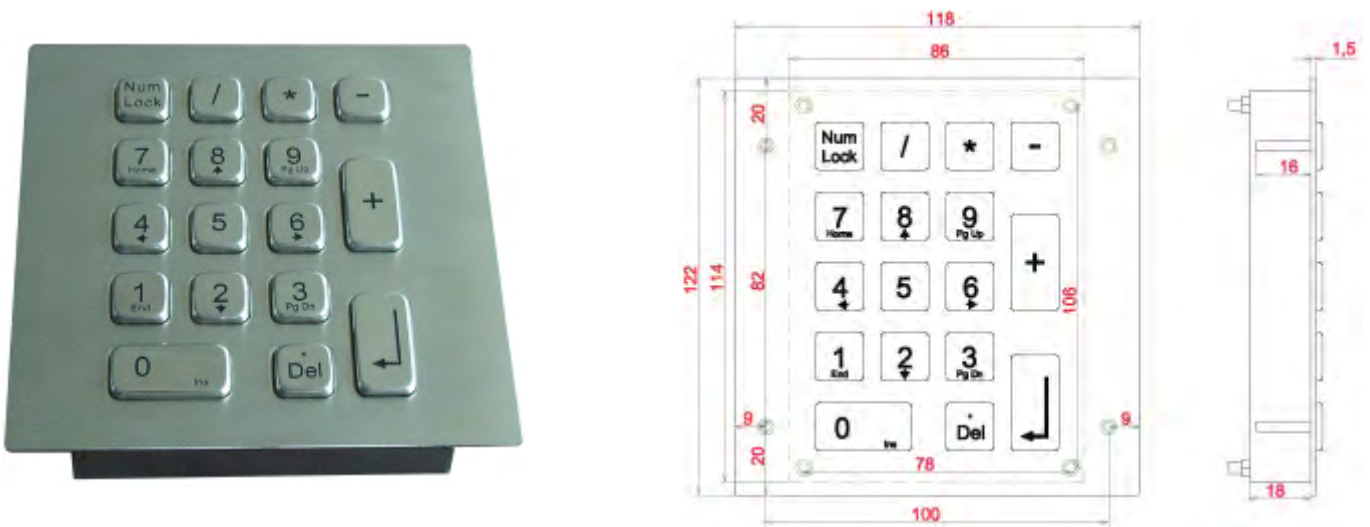




## K-TEK-A118KP

**DESCRIPTION:** 17 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, carbon-on-gold key switch technology with long stroke 2.0mm, with top stainless steel panel mounting..

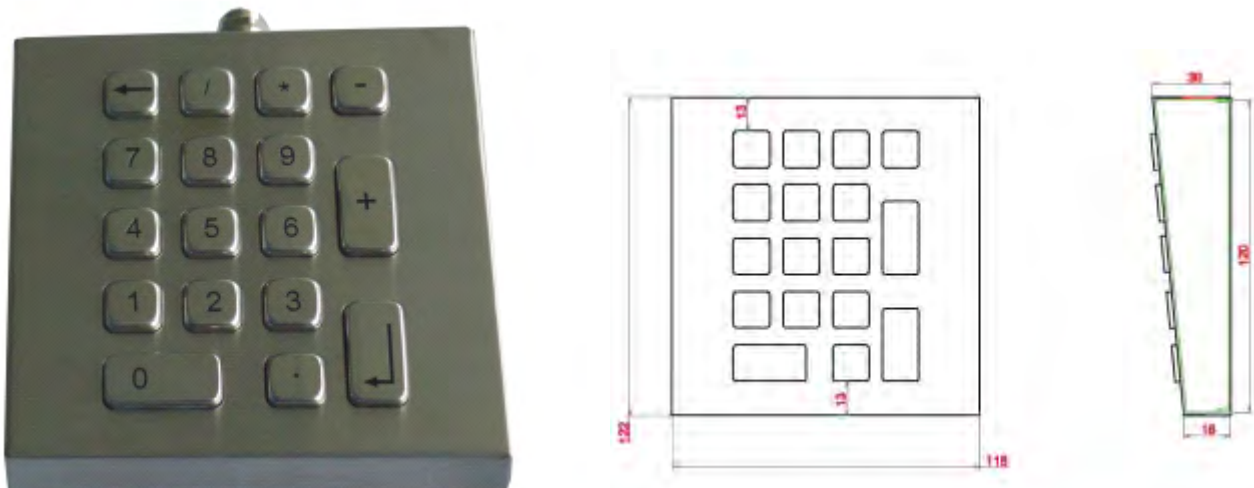
- Standard PC/AT keyboard interface.
- 17 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, Numeric Lock, +, -, \*, /, ., Enter, 4 x 5 scanning code. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 118.0mm x 122.0mm
- **G.W.:** 0.5kgs.



## K-TEK-A118KP-DT

**DESCRIPTION:** 16 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, carbon-on-gold key switch technology with long stroke 2.0mm, with desk top version

- Standard PC/AT keyboard interface.
- 17 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, Numeric Lock, +, -, \*, /, ., Enter, 4 x 5 scanning code. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 118.0mm x 122.0mm x 18.0(30.0)mm
- **G.W.:** 1.0 kgs.

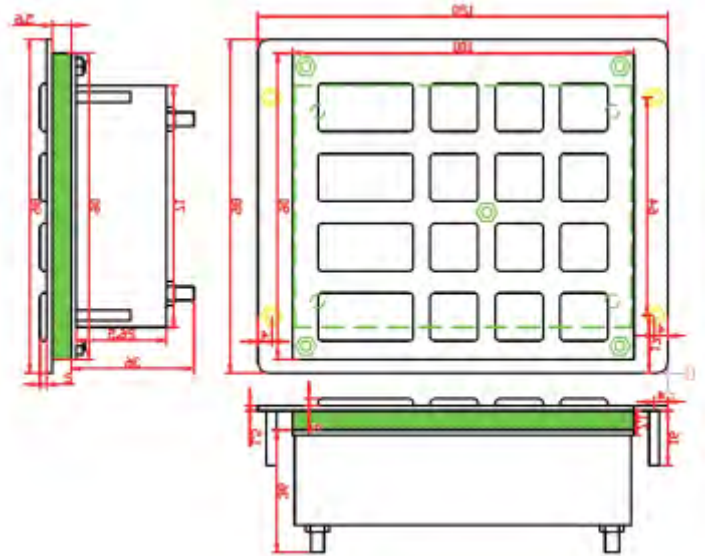


# K-TEK-120KP

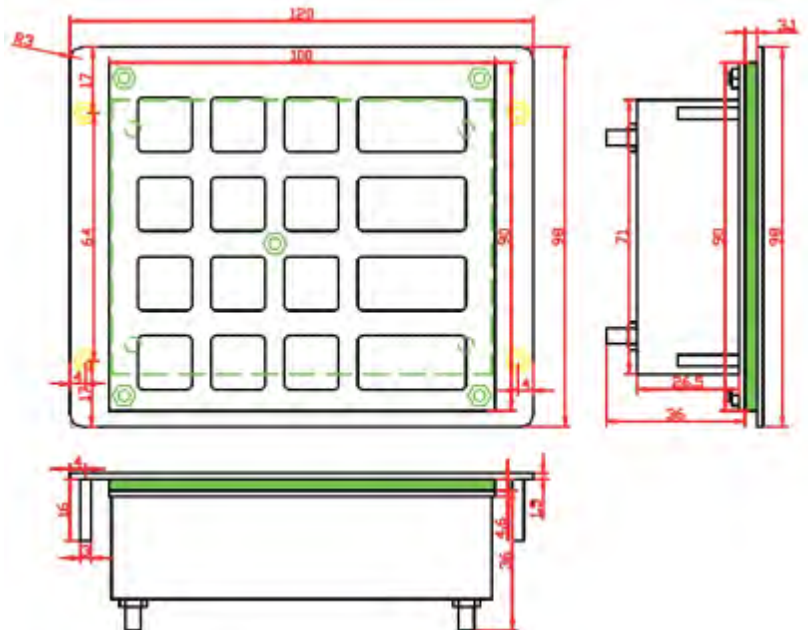
**DESCRIPTION:** 16 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing with Long Stroke (Model A) or short stroke (Mode B) Keypad, with front mounting solution.

- Standard PC/AT keyboard interface.
- **16 actuator on the keypad:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, \*, Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.
- **8 functional keys:** F5, F10, F11, F12 and up/down/right/left arrows (optional).
- **Dimensions:** 120.0mm x 98 mm.
- **G.W:** 1.10 kgs.

## K-TEK-A120KP



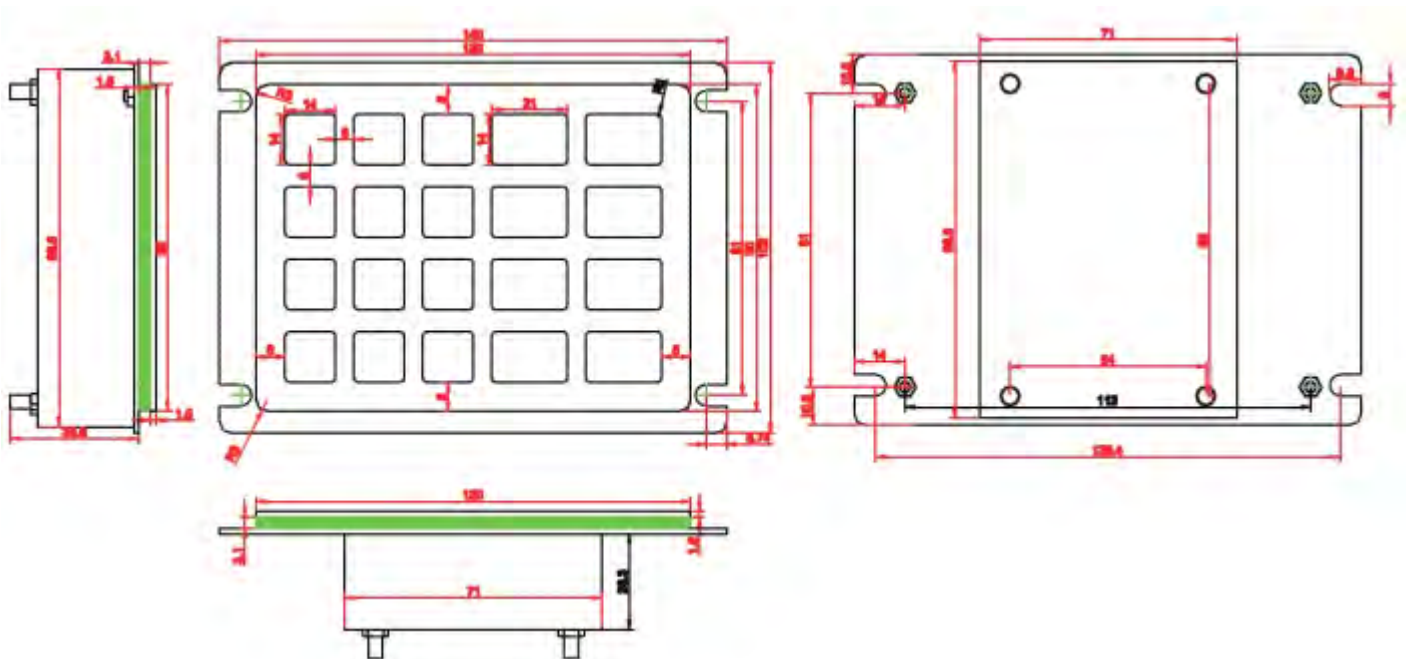
## K-TEK-B120KP



## K-TEK-B120KP(20)

**DESCRIPTION:** 20 Keys Vandal proof IP65 Compact format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, with rear panel mounting..

- Standard PC/at keyboard interface
- 20 actuators on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., 00, change, pg-up, pg-down, print, card out, ext, return, enter, any key can re-defined as per customers' requirements
- **Dimensions:** 120.0mm x 90.0mm.
- **G.W:** 1.30 kgs.

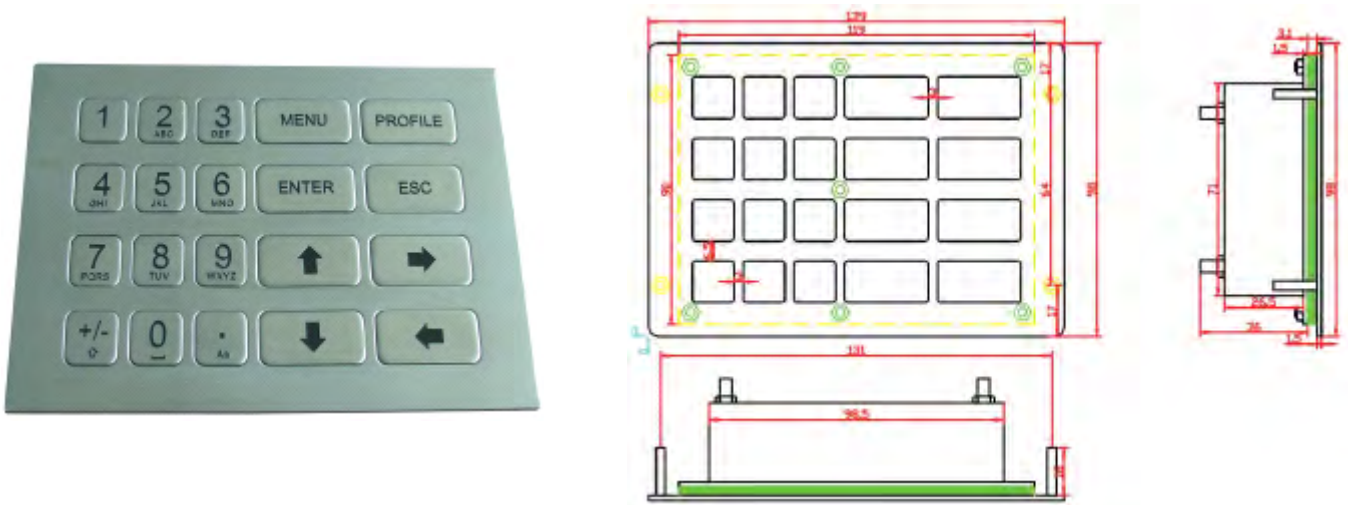


# K-TEK-B139KP

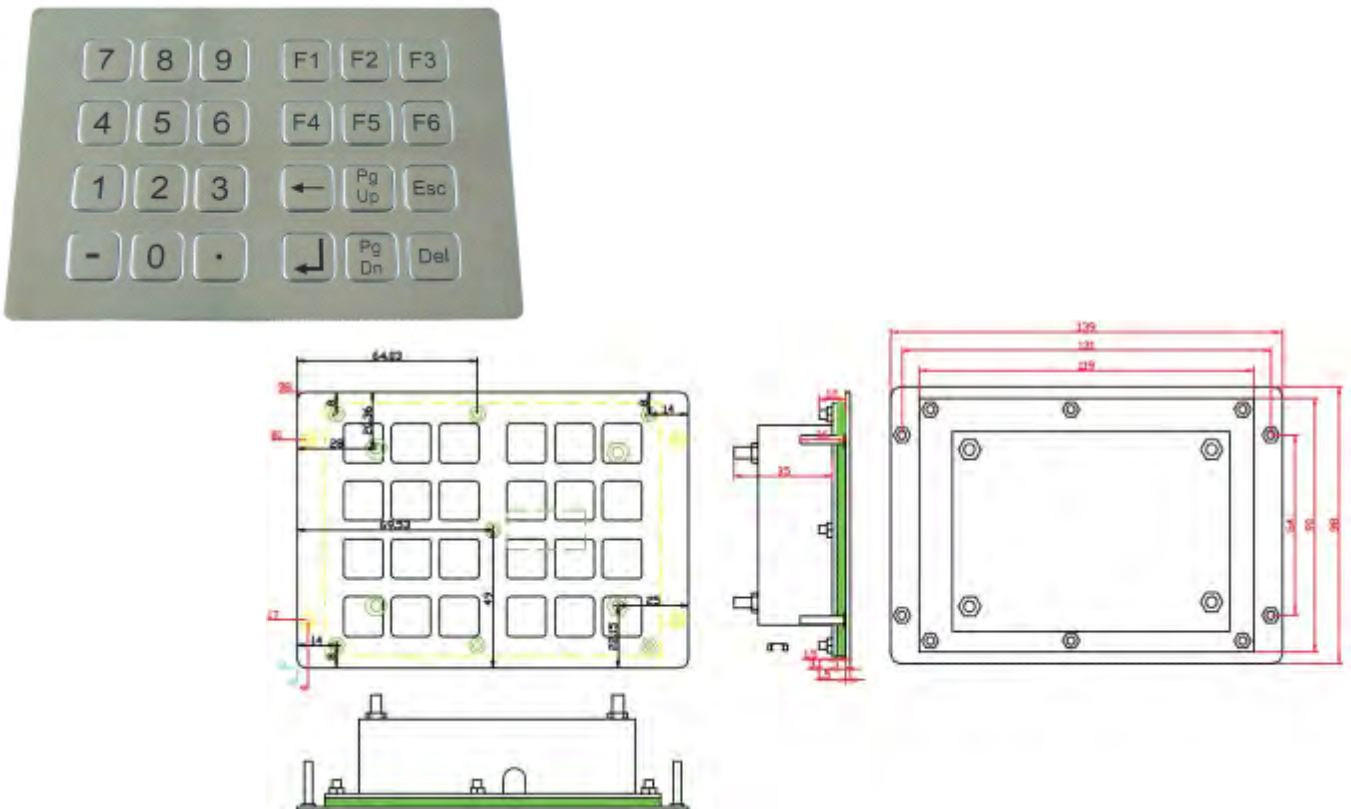
**DESCRIPTION:** 20/24 Keys Vandal-proof Stainless Steel Numeric Keypad, with top panel mounted

- Standard PC/at keyboard interface
- **20 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code.
- **24 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., -, F1, F2, F3, F4, F5, F6, Backspace, Enter, ESC, Del, Pgup, Pgdh, 4 x 6 scanning code.
- Any keys can be re-defined per customers' requirements.
- **Dimensions:** 139.0mm x 98.0mm (front panel)

## K-TEK-B139KP



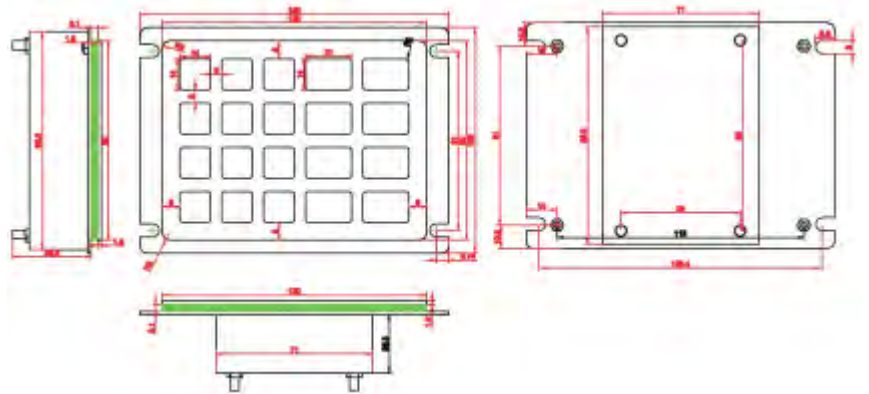
## K-TEK-B139KP(24)



## K-TEK-B160KP

**DESCRIPTION:** 16 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, with rear panel mounting.

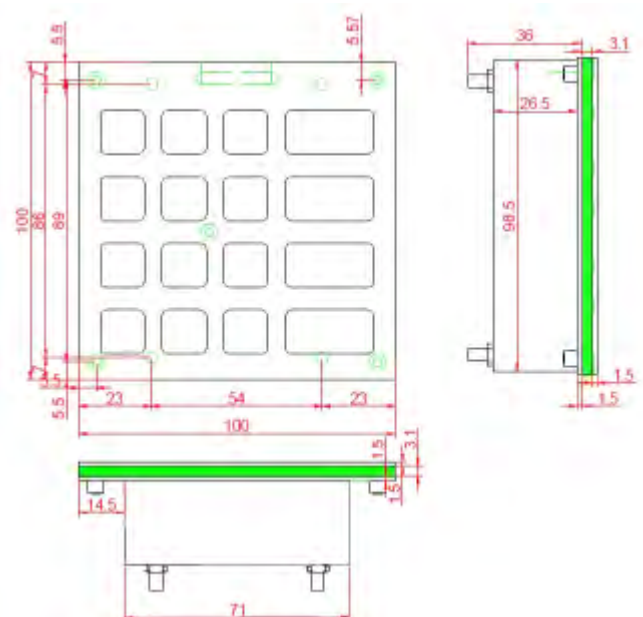
- Standard PC/at keyboard interface
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 3 defined for ABC.
- **Dimensions:** 160.0mm x 102.3mm (Front Panel).
- **G.W.:** 1.20 kgs.



## K-TEK-B100KP(Top Panel Mounting)

**DESCRIPTION:** 16 keys compact format vandal-proof IP65 stainless steel keypad with gold-on-gold key switch technology for accurate data input, with top panel mounting solution.

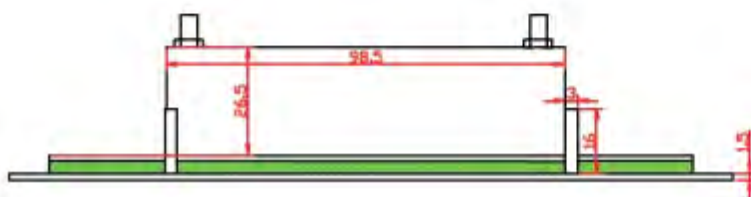
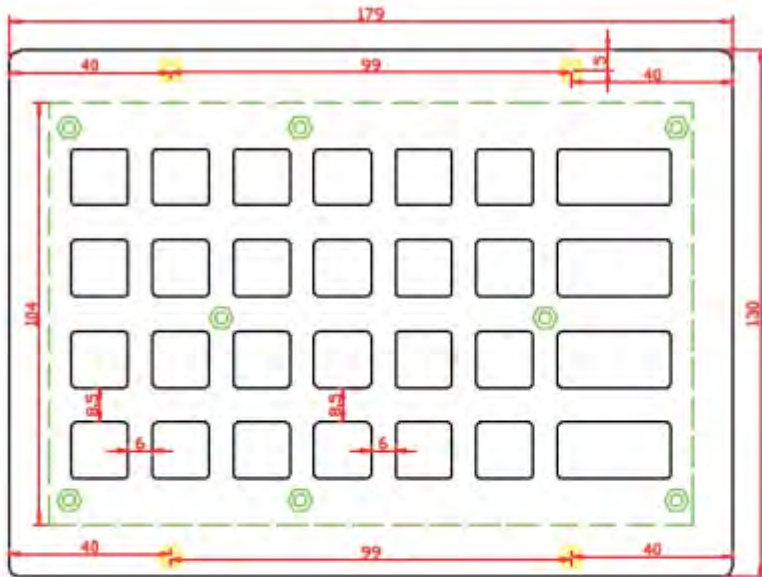
- Standard PC/at keyboard interface
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 100.0mm x 100.0mm.
- **G.W.:** 1.20 kgs.



# K-TEK-B179KP-28

**Description:** 28 Keys Vandal proof IP65 Compact Format Stainless Steel Numeric keypad with electronics controller protected by stainless steel housing, metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, with top panel mounting.

- Standard PC/at keyboard interface
- **28 actuator** on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., -, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, Backspace, Enter, ESC, Del, ..., 4 x 7 scanning code. Any keys can be re-defined per customers' requirements.
- **Dimensions:** 179.0mm x 130.0mm (front panel)
- **G.W.:** 1.80 kgs.

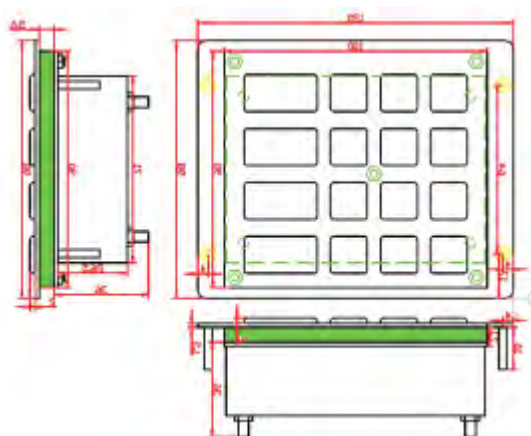


# ATM PINPAD

## K-TEK-A120PP

**DESCRIPTION:** 16 keys IP65 vandal-proof stainless steel encryption PINPAD with encryption module supporting DES/TDES is suitable for ATM/CDM, all kinds of bank terminals etc, with carbon-on-gold key switch technology with long stroke 2.0mm, with top panel mounting solution

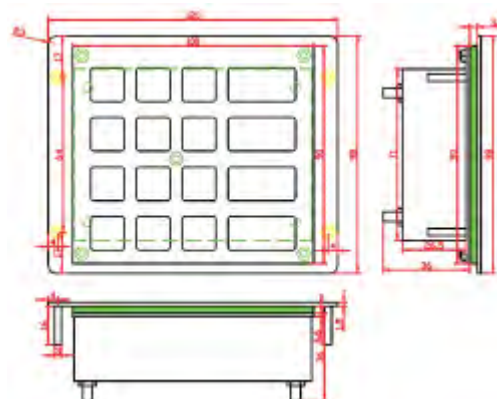
- Standard RS232 serial interface.
- **Communication velocity:** 19200, 9600, 4800, 2400, 1200bps.
- **Data format:** N, 8, 1.
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 3 defined for ABC.
- **Data encryption and decryption (DES/TDES).**
- **Encryption rate:** < 1 second.
- **Dimensions:** 120.0mm x 98.0mm (front plate).
- **G.W:** 1.00 kg.



## K-TEK-B120PP

**DESCRIPTION:** 16 keys IP65 vandal-proof stainless steel encryption PINPAD with encryption module supporting DES/TDES is suitable for ATM/CDM, all kinds of bank terminals etc, with gold-on-gold key switch technology with short stroke 0.45mm, with top panel mounting solution.

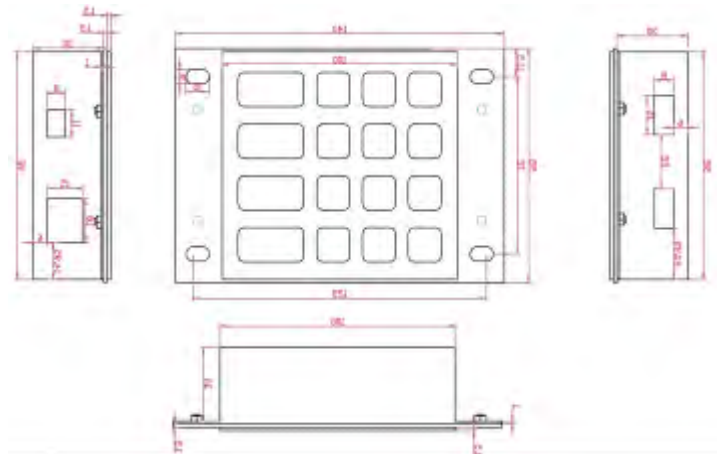
- Standard RS232 serial interface.
- **Communication velocity:** 19200, 9600, 4800, 2400, 1200bps.
- **Data format:** N, 8, 1.
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 3 defined for ABC.
- Data encryption and decryption (DES/TDES).
- **Encryption rate:** < 1 second.
- **Dimensions:** 120.0mm x 98.0mm (front plate).
- **G.W:** 1.00 kg.



## K-TEK-B100PP

**DESCRIPTION:** 16 keys IP65 vandal-proof compact format stainless steel PINPAD with encryption module supporting DES/TDES is suitable for ATM/CDM, all kinds of bank terminals etc, with rear panel mounting solution.

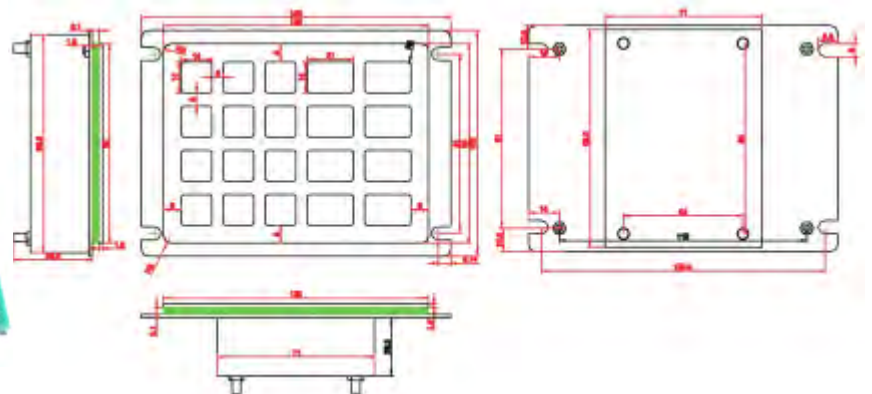
- Standard RS232 serial interface.
- **Communication velocity:** 19200, 9600, 4800, 2400, 1200bps.
- **Data format:** N, 8, 1.
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 3 defined for ABC. The key 2, 3...9 can support the related English letters under suitable systems.
- Data encryption and decryption (DES/TDES), MAC Algorithm.
- **Encryption rate:** < 1 second.
- **Dimensions:** 100.0mm x 91.4mm (front panel).
- **G.W:** 1.00 kg.



## K-TEK-B160PP

**DESCRIPTION:** 16 keys Vandal proof IP65 Stainless Steel PINPAD with Encryption Module Supporting DES/TDES, gold-on-gold key switch technology with short stroke 0.45mm, rear panel mounting

- Standard RS232 serial interface.
- **Communication velocity:** 19200, 9600, 4800, 2400, 1200bps.
- **Data format:** N, 8, 1.
- **16 actuators:** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, correct, enter, cancel, backup key 3 defined for ABC.
- Data encryption and decryption (DES/TDES), MAC Algorithm.
- **Encryption rate:** < 1 second.
- **Dimensions:** 160.0mm x 102.3mm (front panel).
- **G.W:** 1.60kgs.





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# INDUSTRIAL POINTING DEVICES

## MAIN FEATURES

- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Optical Encoders provide fast, high resolution, reliable positioning data.

## TRACKBALL MODULES



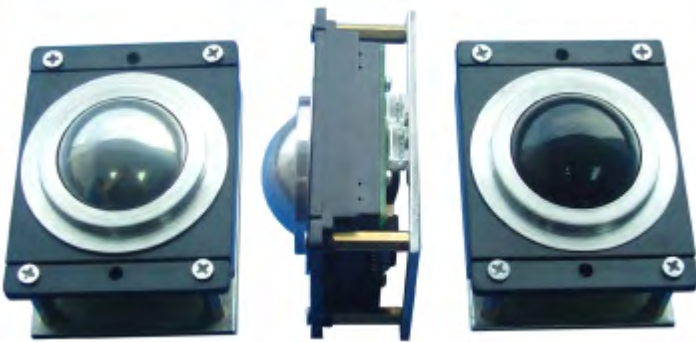
### K-TEK-25-MTB

(IP65 static mechanical trackball)



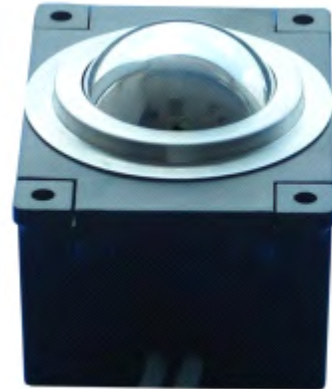
### K-TEK-38-MTB

(IP65 static mechanical trackball)



### K-TEK-38-MTB

(IP65 static mechanical trackball)



### K-TEK-38-LTB

(IP65 dynamic laser trackball)



### K-TEK-25-OTB

(IP65 static optical trackball)



### Touch Backlight Chameleon Trackball

(IP65 static mechanical trackball)

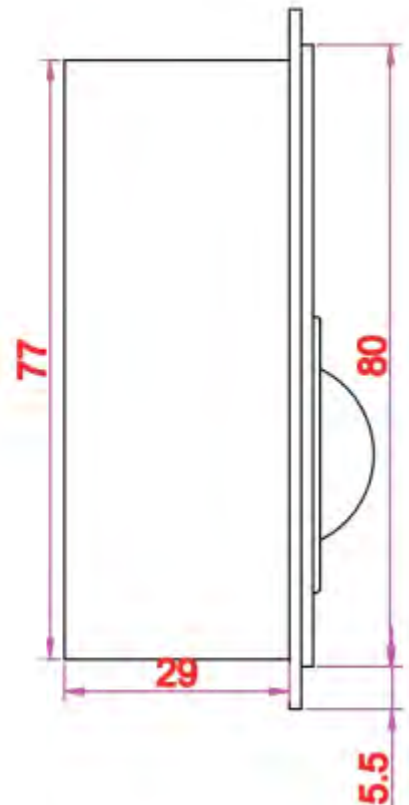
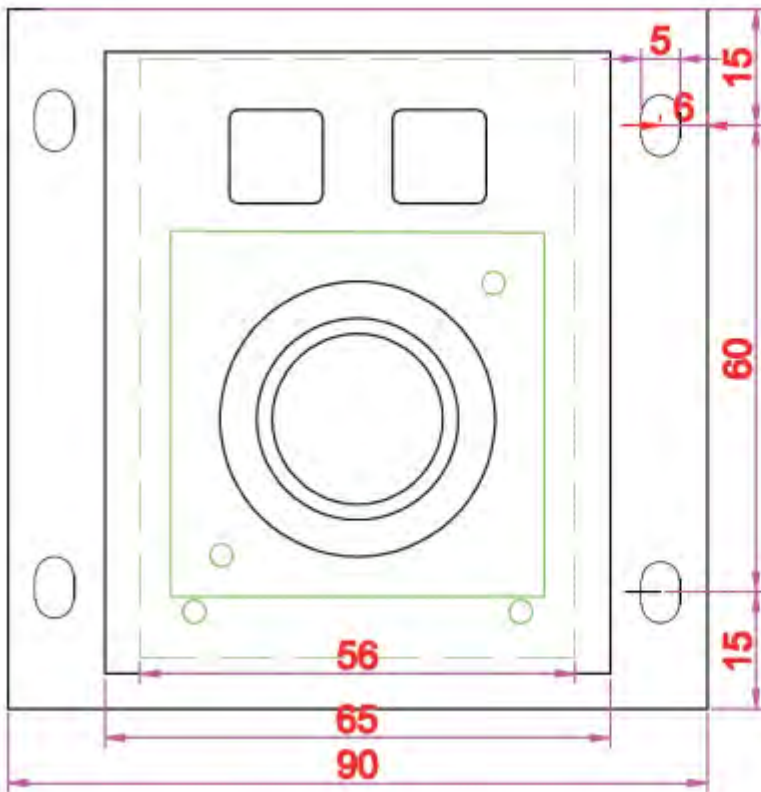
# TRACKBALL AND TOUCHPAD

## K-TEK-B65-25-OTB

**DESCRIPTION:** 25mm (1.0") vandal proof IP68 dynamic stainless steel optical trackball, rear panel mounted. This stainless steel compact trackball is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, extra strong ball for exact positioning and perfect handling, user-friendly mouse switches with soft tactile feeling, rear side integrated electronics protected by a metal cover.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Available 50mm, 40mm, 38mm, 25mm, 22mm, 19mm and 16mm Diameter Stainless steel or Hard Phenolic Resin Ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments.



**TECHNICAL SPECIFICATION:**

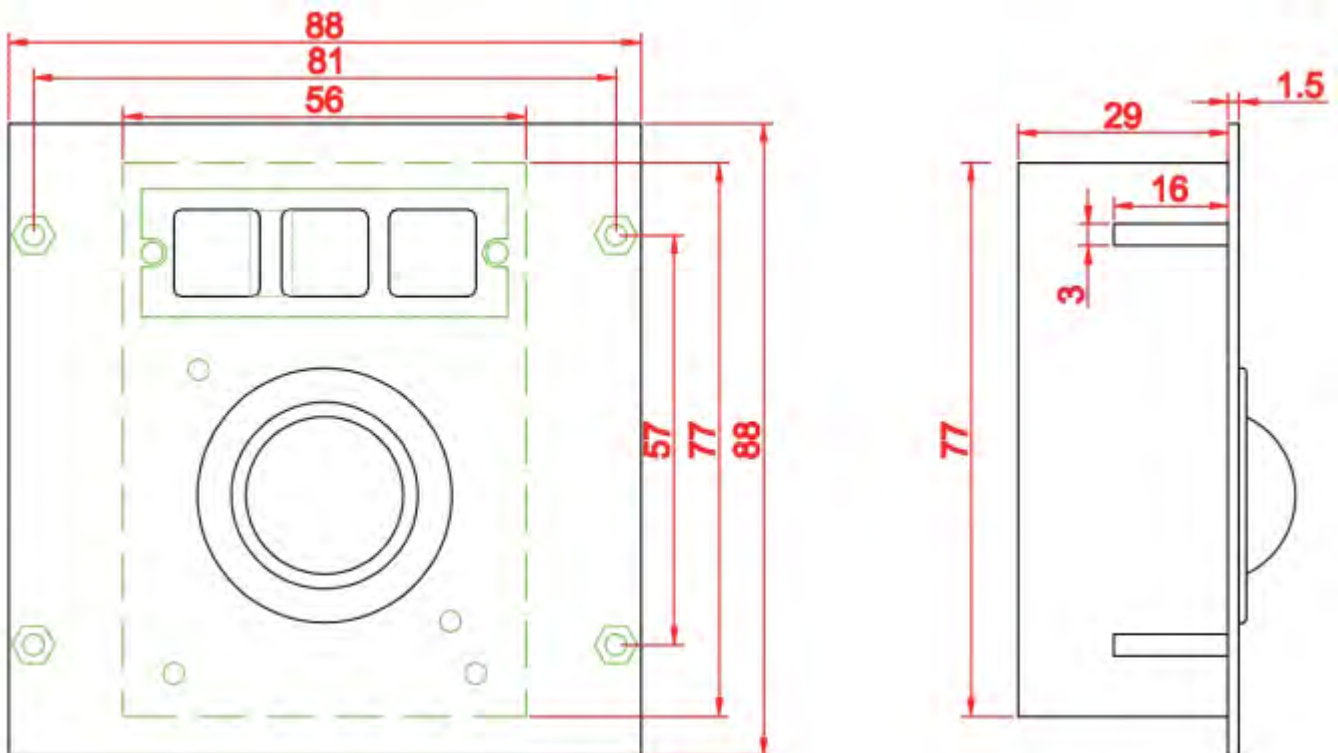
ITEM	SPECIFICATION		
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel	
	Key top style	Plain/non-Protuberant Rectangular Keys,	
	Front Plate	Quality brushed stainless steel	
	Key Travel	0.45mm	
	Ball diameter	25.0mm (1.0")	
	Key switch lifespan	more than 3 Mio actuations	
	Track ball lifespan	> 10 Mio revolutions	
	Track ball resolutions	800 DPI	
	Back Metal Cover	Rear side integrated electronics protected by a metal cover	
	Actuation Force	1.0N to 3.0N	
	Mounting Rack	Stainless Steel	
	Dimension	Dimensions with 25mm track ball, Front plate (W x H): 65.0 x 80.0mm, Overall (W x H x D): 90.0 x 90.0 x 29.5mm	
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB		
<b>Electrical</b>	Power supply	5V DC± 10%	
	Protection level	IP68 dynamic (front panel), NEMA3	
	EMC Standard	EN55022(B)	
	Power consuming	≤1.0W(dynamic)	
		≤0.2W(static)	
Contact Material	Gold/Gold		
<b>Environmental</b>	Operating temperature	-20°C~+ 60° C	
	Storage temperature	- 30°C~+ 70°C	
	Operating RH	30~90%	
	Atmospheric pressure	60~106Kpa.	
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified.	
	MTBF	>50000H	
	MTTR	< 30 MIN	
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>		
<b>Packing Details</b>	Each unit to a suitable brown inner box,suitable brown inner boxes to a standard export carton.		

## K-TEK-B88-25-OTB

**DESCRIPTION:** IP65 dynamic rated vandal proof 25.0mm (1.0") vandal proof IP68 stainless steel with 3 mouse keys Optical trackball module +800DPI resolutions for fast and accurate fixing position, with top panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Available 40mm, 38mm, 25mm, 22mm, 19mm and 16mm diameter stainless steel or hard phenolic resin ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments.



## TECHNICAL SPECIFICATION

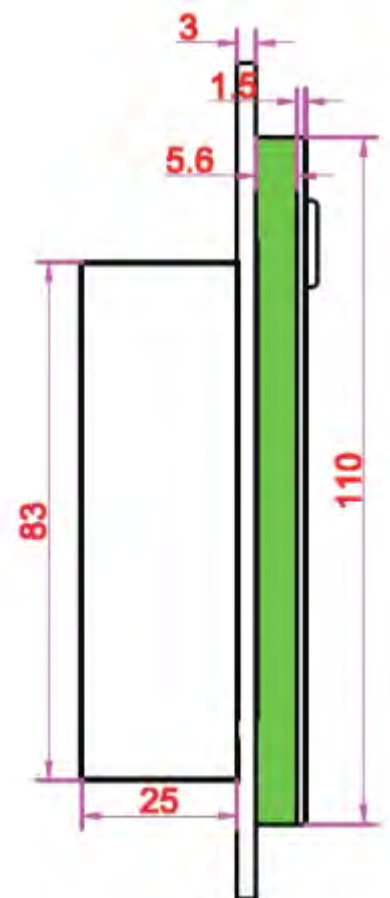
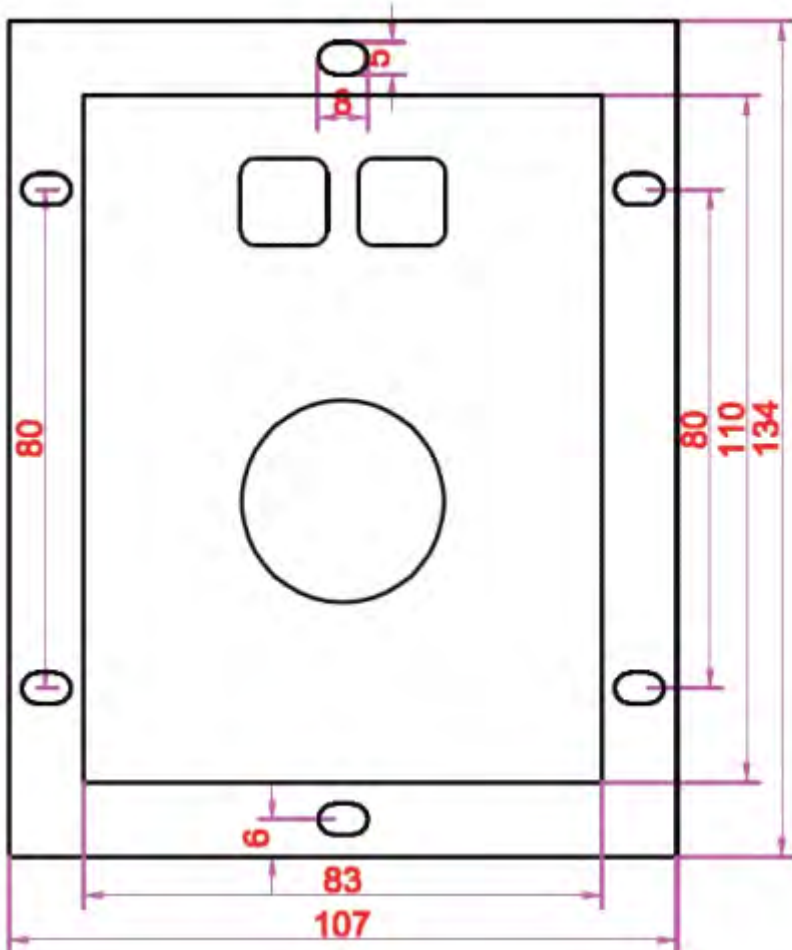
ITEM		SPECIFICATION
Mechanical	Key	3 keys, quality brushed stainless steel
	Key top style	Non-protuberant rectangular Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	0.45mm
	Ball diameter	25.4mm/1.0' (19mm, 25mm, 36mm 40mm also available)
	Key switch lifespan	more than 5 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0N
	Mounting Rack	Stainless steel
	Dimension	Dimensions with 25mm track ball, Front plate (W x H): 88.0mm x 88.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC $\pm$ 10%, keyboard interface
	Protection level	IP65 (dynamic), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold-on-Gold	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS compliant, CE and FCC certified. ESD
	MTBF	>50000h
	MTTR	< 30min
<b>OS</b>	<b>OS is under DOS/Windows95/98/NT/ME/2000/XP/2003/Vista/WIN 7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-A83-38-MTB

**DESCRIPTION:** 38.0mm (1.5') vandal proof IP65 static stainless steel mechanical trackball, with rear panel mounting solution. This stainless steel compact trackball is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, extra strong ball for exact positioning and perfect handling, user-friendly mouse switches with soft tactile feeling, rear side integrated electronics protected by a metal cover.



- Available 50.0mm, 40mm, 38mm, 25mm, 22mm, 19mm and 16mm Diameter Stainless steel or Hard Phenolic Resin Ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments (optional).



**TECHNICAL SPECIFICATION:**

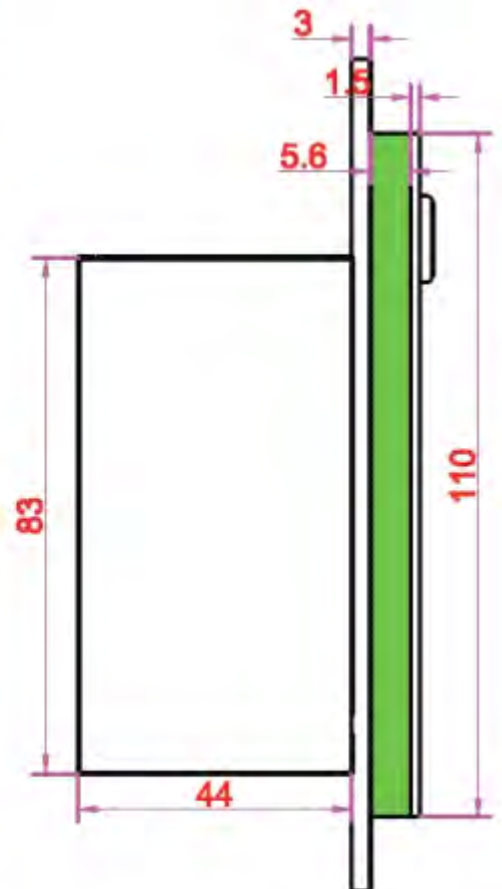
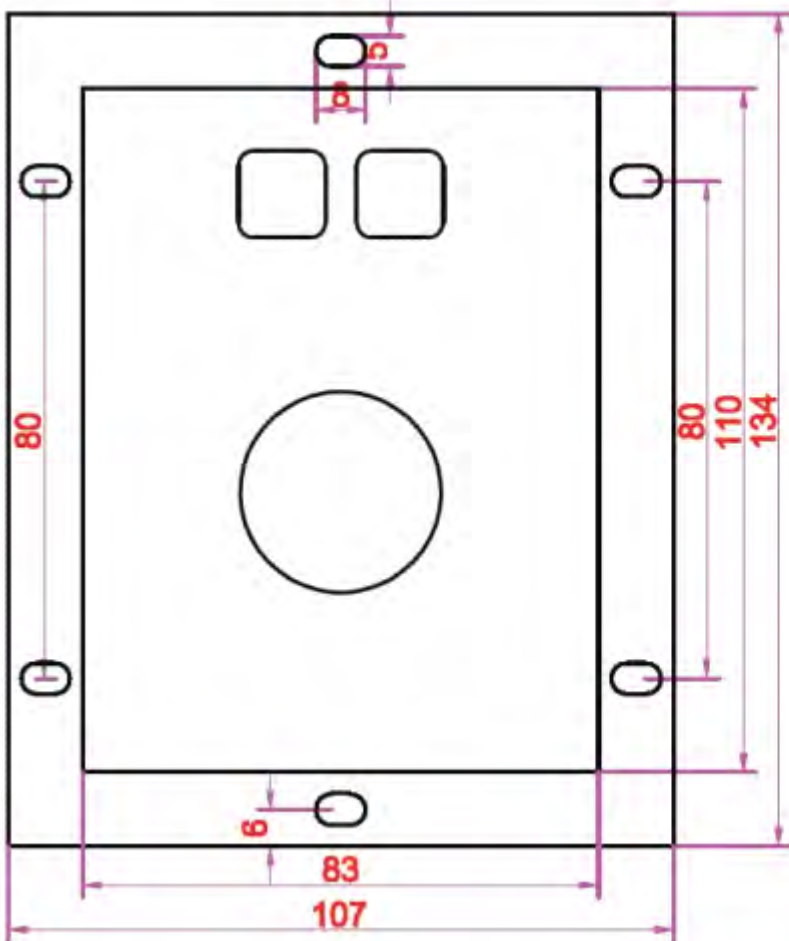
ITEM	SPECIFICATION		
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel	
	Key top style	Protuberant Rectangular Keys,	
	Front Plate	Quality brushed stainless steel	
	Key Travel	2.0mm	
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm also available)	
	Key switch lifespan	more than 10 Mio actuations	
	Track ball lifespan	> 10 Mio revolutions	
	Track ball resolutions	400 DPI	
	Back Metal Cover	Rear side integrated electronics protected by a metal cover	
	Actuation Force	1.0N to 3.0N	
	Mounting Rack	Aluminum alloy	
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 83.0 x 110.0mm, Back panel (W x H ): 107.0 x 134.0mm	
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB		
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%, keyboard interface	
	Protection level	IP65 Static (front panel), NEMA3	
	EMC Standard	EN55022(B)	
	Power consuming	$\leq$ 1.00W(dynamic)	
		$\leq$ 0.2W(static)	
Contact Material	Gold/Carbon		
<b>Environmental</b>	Operating temperature	-20°C~+ 60° C	
	Storage temperature	- 30°C~+ 70°C	
	Operating RH	30~90%	
	Atmospheric pressure	60~106Kpa.	
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified.	
	MTBF	>50000H	
	MTTR	< 30MIN	
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>		
<b>Packing Details</b>	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.		

## K-TEK-A83-38-LTB

**DESCRIPTION:** 38.0mm (1.5") vandal proof IP65 dynamic stainless steel LASER trackball with high resolution 1200DPI, with rear panel mounting solution. This stainless steel compact trackball is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, extra strong ball for exact positioning and perfect handling, user-friendly mouse switches with soft tactile feeling, rear side integrated electronics protected by a metal cover.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Laser Encoders provide fast, high resolution more than 1000DPI, reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.





**TECHNICAL SPECIFICATION:**

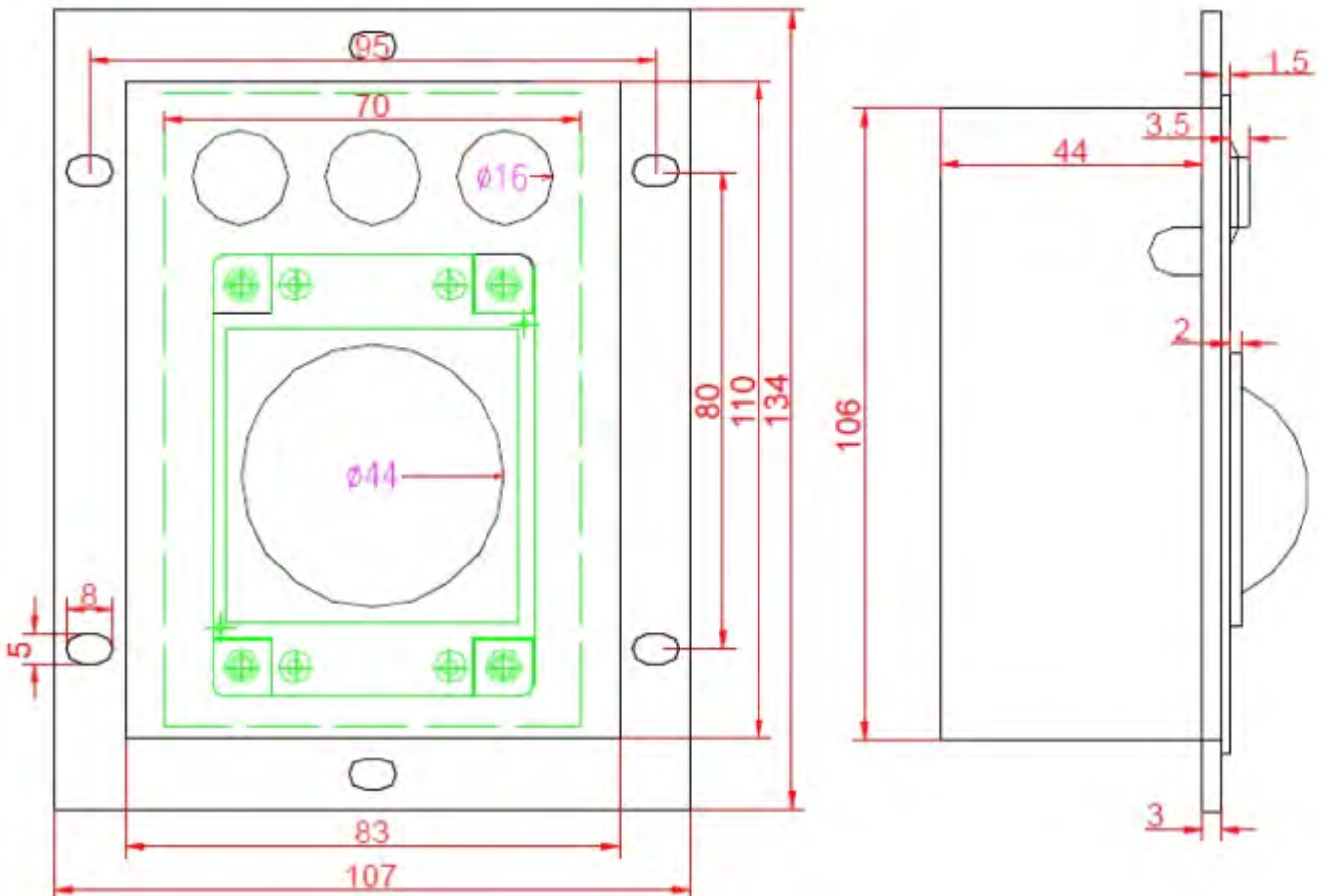
ITEM		SPECIFICATION
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel
	Key top style	Protuberant Rectangular Keys
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm, 50mm also available soon)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Track ball Resolutions	1200DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	0.6 N to 1.2 N
	Mounting Rack	Aluminum alloy
	Dimension	Dimensions with 38.0mm track ball, Front plate (W x H): 83.0 x 110.0mm Overall (W x H x D): 107.0 x 134.0 x 40.7mm
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB	
<b>Electrical</b>	Power supply	5V DC± 10%
	Protection level	IP65 dynamic (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	≤1.0W(dynamic)
		≤0.2W(static)
Contact Material	Gold/Carbon	
<b>Environmental</b>	Operating temperature	-20°C-+ 60°C
	Storage temperature	- 30°C-+ 70°C
	Operating RH	30-90%
	Atmospheric pressure	60-106Kpa.
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified. IP65 front panel.
	MTBF	>50000H
	MTTR	< 30 MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	
<b>Packing Details</b>		

## K-TEK-B83-38-OTB

**DESCRIPTION:** IP65 dynamic rated vandal proof 38mm (1.5') stainless steel optical trackball with IP65 dynamic sealed stainless mouse buttons and IP68 dynamic rated washable stainless steel optical trackball module with +800 DPI resolutions for fast and accurate fixing position, with rear panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting and no noisy operation.
- Laser Encoders provide high resolution more than +800DPI, fast and reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, quick and durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- can be mounted horizontally, and vertically.
- no metal bearings inside, operation is very smooth, and easy without any noise.



## TECHNICAL SPECIFICATION:

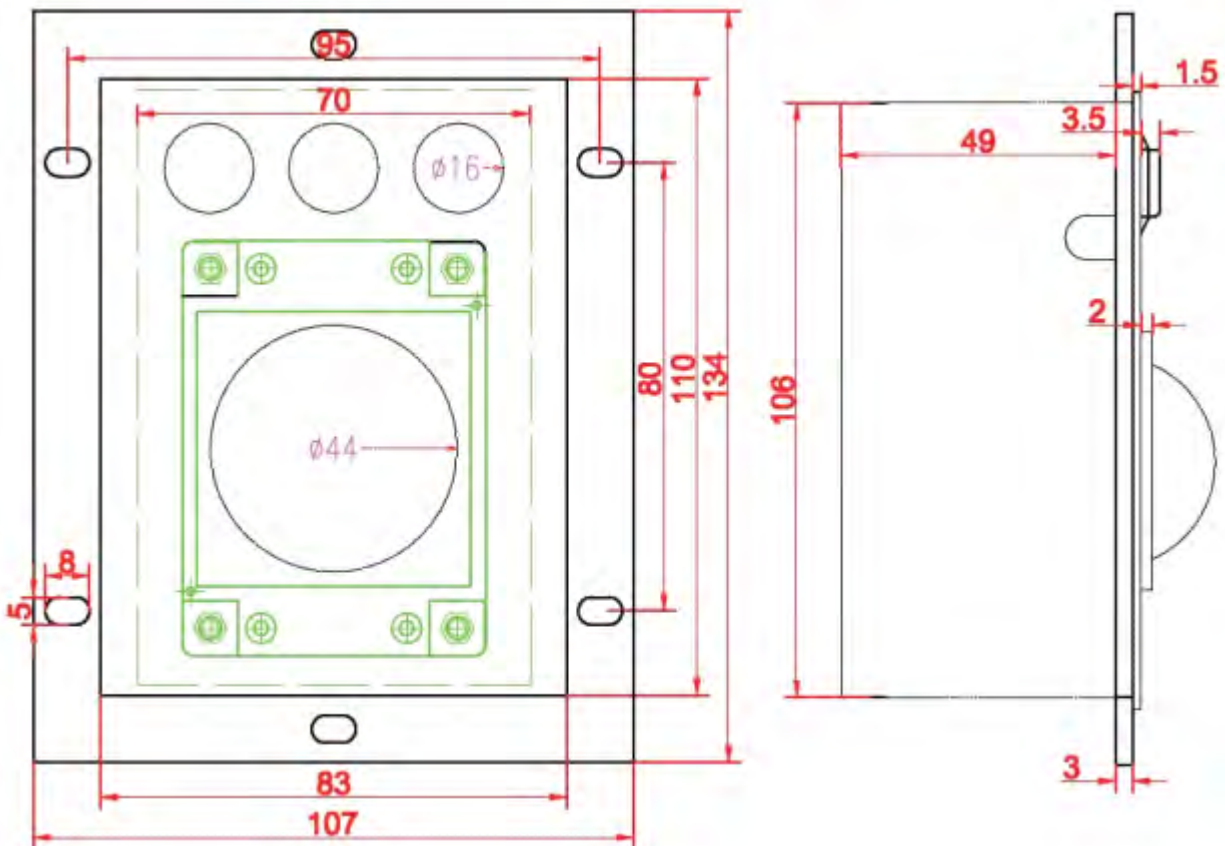
ITEM		SPECIFICATION
Mechanical	Key	2 or 3 keys, quality brushed stainless steel
	Key top style	sealed round stainless steel buttons with tactile feeling
	Front Plate	Quality brushed stainless steel
	Key Travel	1.00 mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0
	Mounting Rack	top stainless steel plate with mounting screw bolts
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC $\pm$ 10%, mouse interface
	Protection level	IP65 dynamic (front panel), NEMA3, IK10
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	sealed stainless steel buttons	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS compliant, CE and FCC certified, ESD
	MTBF	>50000H
	MTTR	< 30min
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B83-38-LTB

**DESCRIPTION:** IP65 dynamic rated vandal proof 38mm (1.5") stainless steel laser trackball with IP65 dynamic sealed stainless mouse buttons and IP68 dynamic rated washable stainless steel laser trackball module with +1200 DPI high resolutions for fast and accurate fixing position, with rear panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting and no noisy operation.
- Laser Encoders provide high resolution more than 1200DPI, fast and reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, quick and durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- can be mounted horizontally, and vertically.
- no metal bearings inside, operation is very smooth, and easy without any noise.



**TECHNICAL SPECIFICATION:**

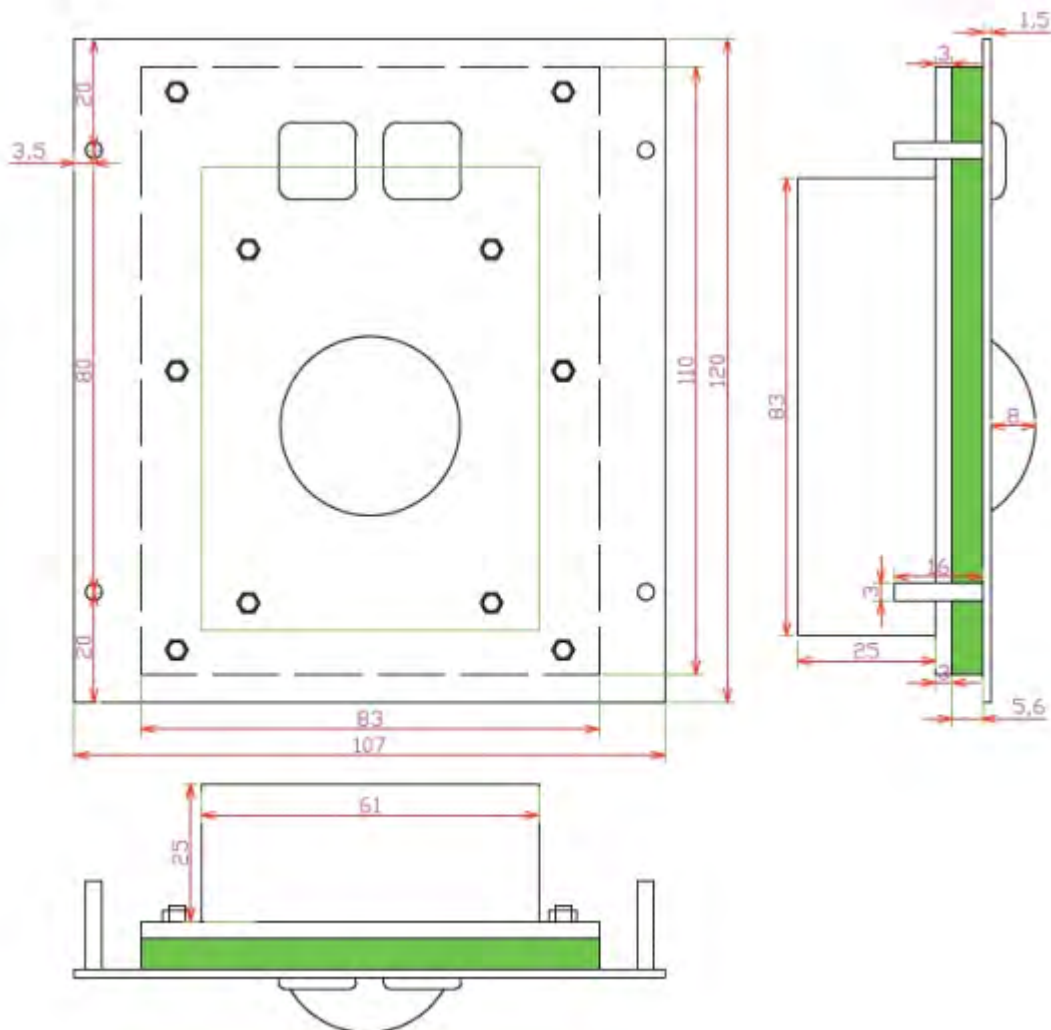
<b>ITEM</b>	<b>SPECIFICATION</b>		
Mechanical	Key	2 or 3 keys, quality brushed stainless steel buttons	
	Key top style	round sealed stainless steel buttons with tactile feeling	
	Front Plate	Quality brushed stainless steel	
	Key Travel	1.00 mm	
	Ball diameter	38.1mm/1.50' (16mm, 19mm, 25mm also available)	
	Key switch lifespan	more than 10 Mio actuations	
	Track ball lifespan	> 10 Mio revolutions	
	Back Metal Cover	Rear side integrated electronics protected by a metal cover	
	Actuation Force	1.0 N to 3.0 N	
	Mounting Rack	Aluminum alloy	
	Dimension	Dimensions with 38.0mm track ball, Front plate (W x H): 83.0 x 110.0mm Overall (W x H x D): 107.0 x 134.0 x 40.7mm	
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB		
Electrical	Power supply	5V DC $\pm$ 10%, mouse interface	
	Protection level	IP65 dynamic (front panel), NEMA3, IK10	
	EMC Standard	EN55022(B)	
	Power consuming	$\leq$ 1.0W(dynamic)	
		$\leq$ 0.2W(static)	
Contact Material	Stainless steel switch		
Environmental	Operating temperature	-20°C+ 60°C	
	Storage temperature	- 30°C+ 70°C	
	Operating RH	30-90%	
	Atmospheric pressure	60-106Kpa.	
Reliable	Certificates	RoHS compliant, CE and FCC certified. IP65 front panel, ESD	
	MTBF	>50000H	
	MTTR	< 30min	
OS	OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX		
Packing Details	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.		

## K-TEK-A107-38-MTB

**DESCRIPTION:** IP65 static Vandal proof Stainless Steel Trackball with IP65 static 38mm mechanical trackball module with 400 DPI resolutions, stainless steel housing projects the trackball module, with front panel mounting solutions.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Available 50mm, 40mm, 38mm, 25mm, 22mm, 19mm and 16mm Diameter Stainless steel or Hard Phenolic Resin Ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments.



**TECHNICAL SPECIFICATION:**

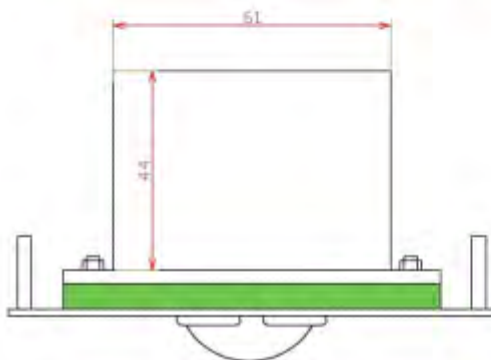
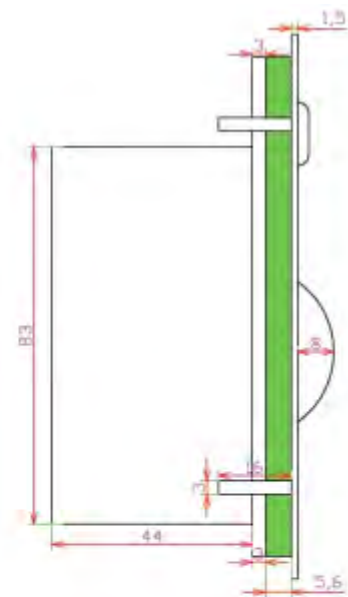
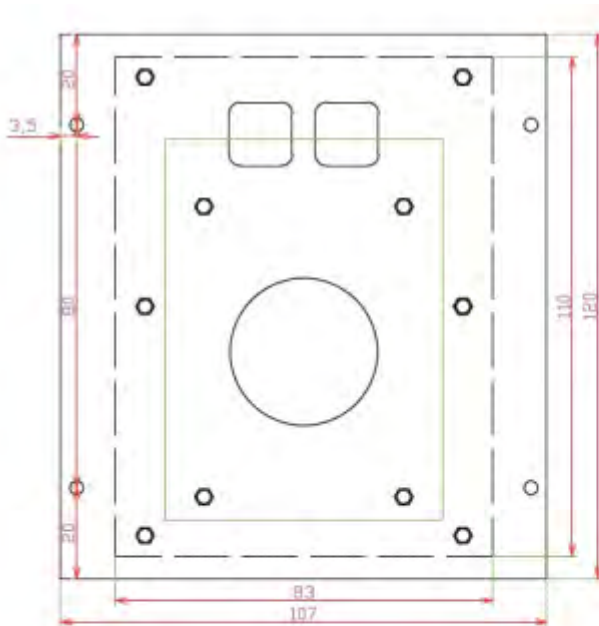
<b>ITEM</b>		<b>SPECIFICATION</b>
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel
	Key top style	Protuberant Rectangular Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm, 40mm, 50mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Track ball resolutions	400 DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0N
	Mounting Rack	Aluminum alloy
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Protection level	IP65 static (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold/Carbon	
<b>Environmental</b>	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified.
	MTBF	>50000H
	MTTR	< 30MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-A107-38-LTB

**DESCRIPTION:** 38.0mm (1.5") vandal proof IP65 static stainless steel laser trackball (IP68 optical trackball optional), with top panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Available 40mm, 38mm, 25mm, 22mm, 19mm and 16mm Diameter Stainless steel or Hard Phenolic Resin Ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments.





**TECHNICAL SPECIFICATION:**

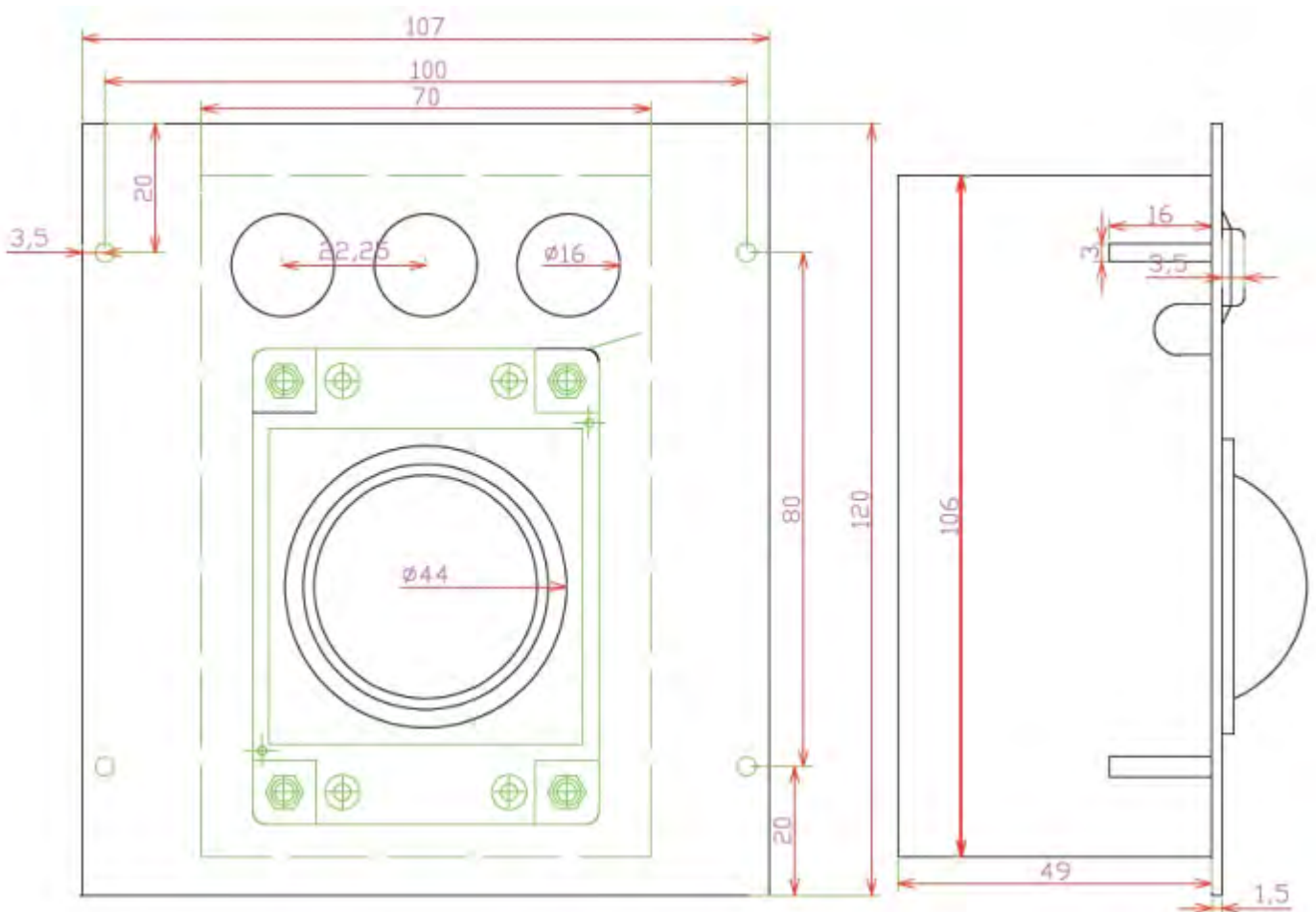
ITEM	SPECIFICATION	
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel
	Key top style	Protuberant Rectangular Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Trackball resolutions	1200 DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0N
	Mounting Rack	Aluminum alloy
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Protection level	IP65 dynamic (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold/Carbon	
<b>Environmental</b>	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified.
	MTBF	>50000H
	MTTR	< 30 MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B107-38-OTB

**DESCRIPTION:** IP65 dynamic rated vandal proof 38mm (1.5") stainless steel optical trackball with IP65 dynamic sealed stainless mouse buttons and IP68 dynamic rated washable stainless steel optical trackball module with +800 DPI resolutions for fast and accurate fixing position, with rear panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting and no noisy operation.
- Laser Encoders provide high resolution more than +800DPI, fast and reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, quick and durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- can be mounted horizontally, and vertically.
- no metal bearings inside, operation is very smooth, and easy without any noise.



## TECHNICAL SPECIFICATION:

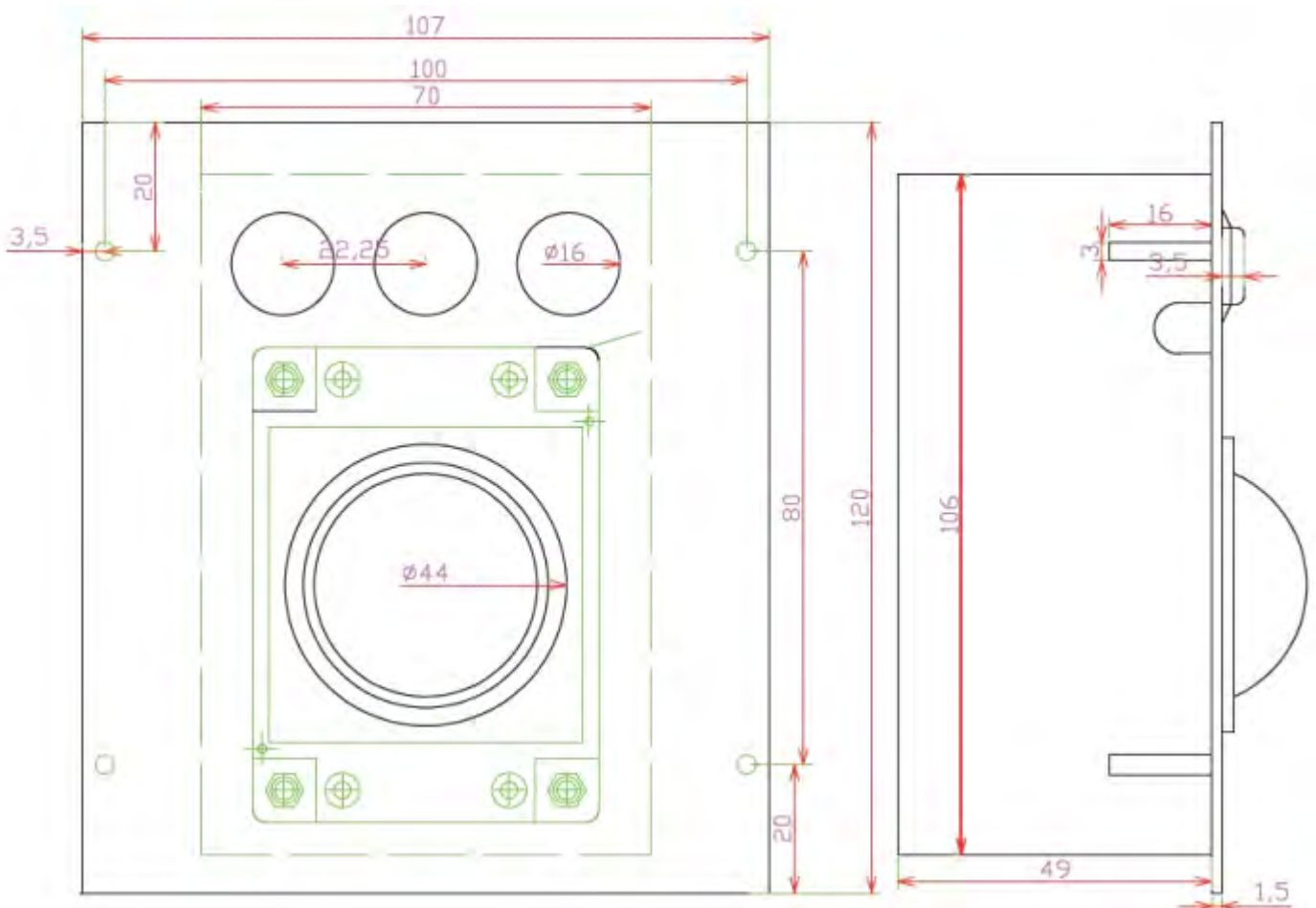
ITEM		SPECIFICATION
Mechanical	Key	2 or 3 keys, quality brushed stainless steel
	Key top style	sealed round stainless steel buttons with tactile feeling
	Front Plate	Quality brushed stainless steel
	Key Travel	1.00 mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0
	Mounting Rack	top stainless steel plate with mounting screw bolts
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC $\pm$ 10%, mouse interface
	Protection level	IP65 dynamic (front panel), NEMA3, IK10
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	sealed stainless steel buttons	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS compliant, CE and FCC certified, ESD
	MTBF	>50000H
	MTTR	< 30min
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B107-38-LTB

**DESCRIPTION:** IP65 dynamic rated vandal proof 38mm (1.5") stainless steel laser trackball with IP65 dynamic sealed stainless mouse buttons and IP68 dynamic rated washable stainless steel laser trackball module with +1200 DPI high resolutions for fast and accurate fixing position, with rear panel mounting solution.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting and no noisy operation.
- Laser Encoders provide high resolution more than 1200DPI, fast and reliable positioning data.
- Available 38mm diameter Stainless steel for smooth, quick and durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- can be mounted horizontally, and vertically.
- no metal bearings inside, operation is very smooth, and easy without any noise.



## TECHNICAL SPECIFICATION:

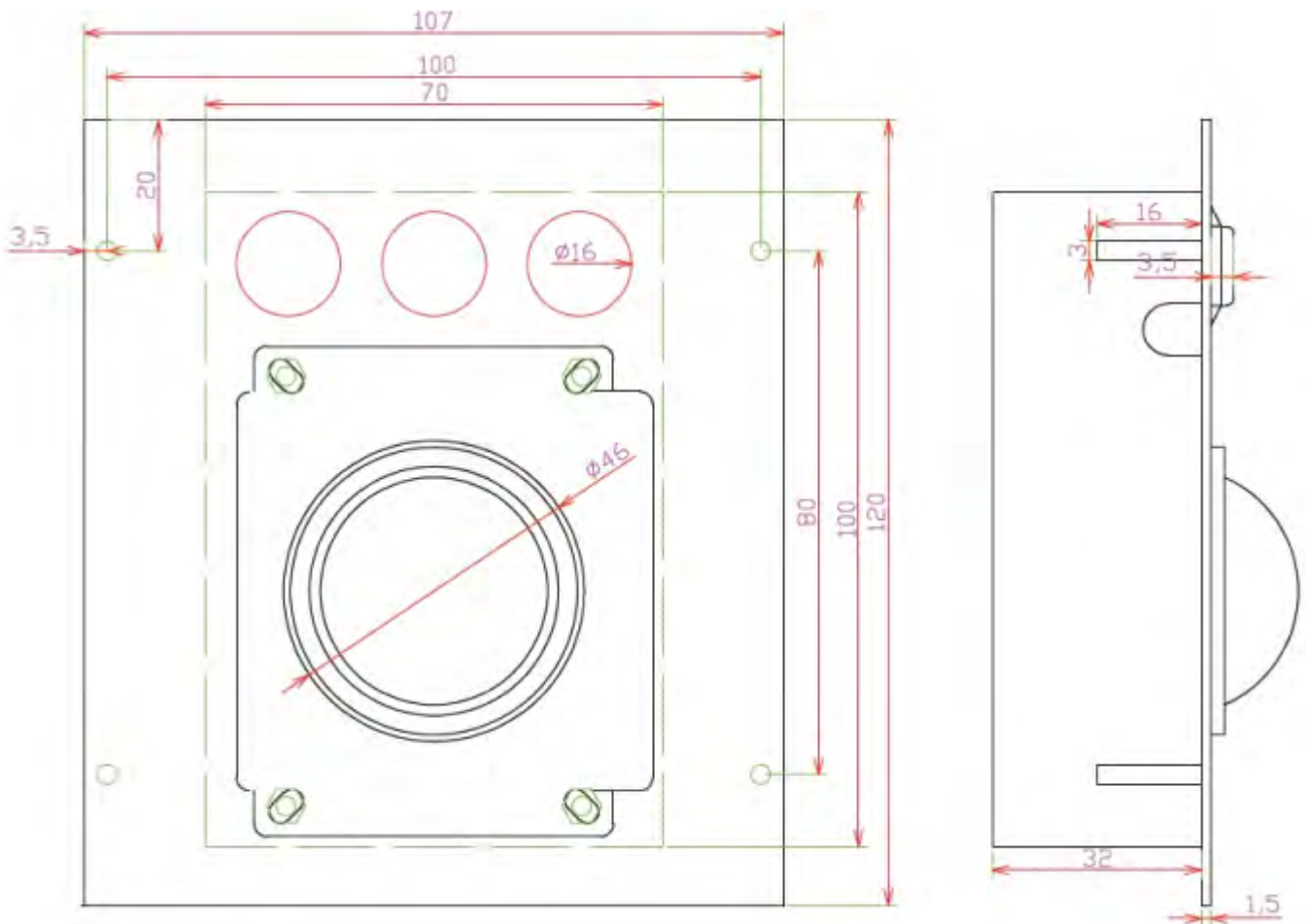
ITEM		SPECIFICATION
Mechanical	Key	2 or 3 keys, quality brushed stainless steel
	Key top style	sealed round stainless steel buttons with tactile feeling
	Front Plate	Quality brushed stainless steel
	Key Travel	1.00 mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm 40mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 3.0
	Mounting Rack	top stainless steel plate with mounting screw bolts
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC± 10%, mouse interface
	Protection level	IP65 dynamic (front panel), NEMA3, IK10
	EMC Standard	EN55022(B)
	Power consuming	≤1.00W(dynamic)
		≤0.2W(static)
Contact Material	sealed stainless steel buttons	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS compliant, CE and FCC certified. ESD
	MTBF	>50000H
	MTTR	< 30min
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B107F-38-OTB

**DESCRIPTION:** IP68 rated washable 38.0mm (1.5") vandal proof optical trackball with sealed 3 stainless steel buttons mouse buttons, with top panel mounting solution.



- IP68 dynamic waterproof (from the top)
- Solid State Optical Navigation Technology
- Fixed Ball Versions
- Maintenance free with no moving parts
- Intrinsically and ESD safe operation
- Retro-fittable into most existing OEM designs
- Quadrature, PS/2 and USB outputs
- Anti-vandal options
- Output cables and switch input cables (option)
- Decontamination Friendly



## TECHNICAL SPECIFICATION:

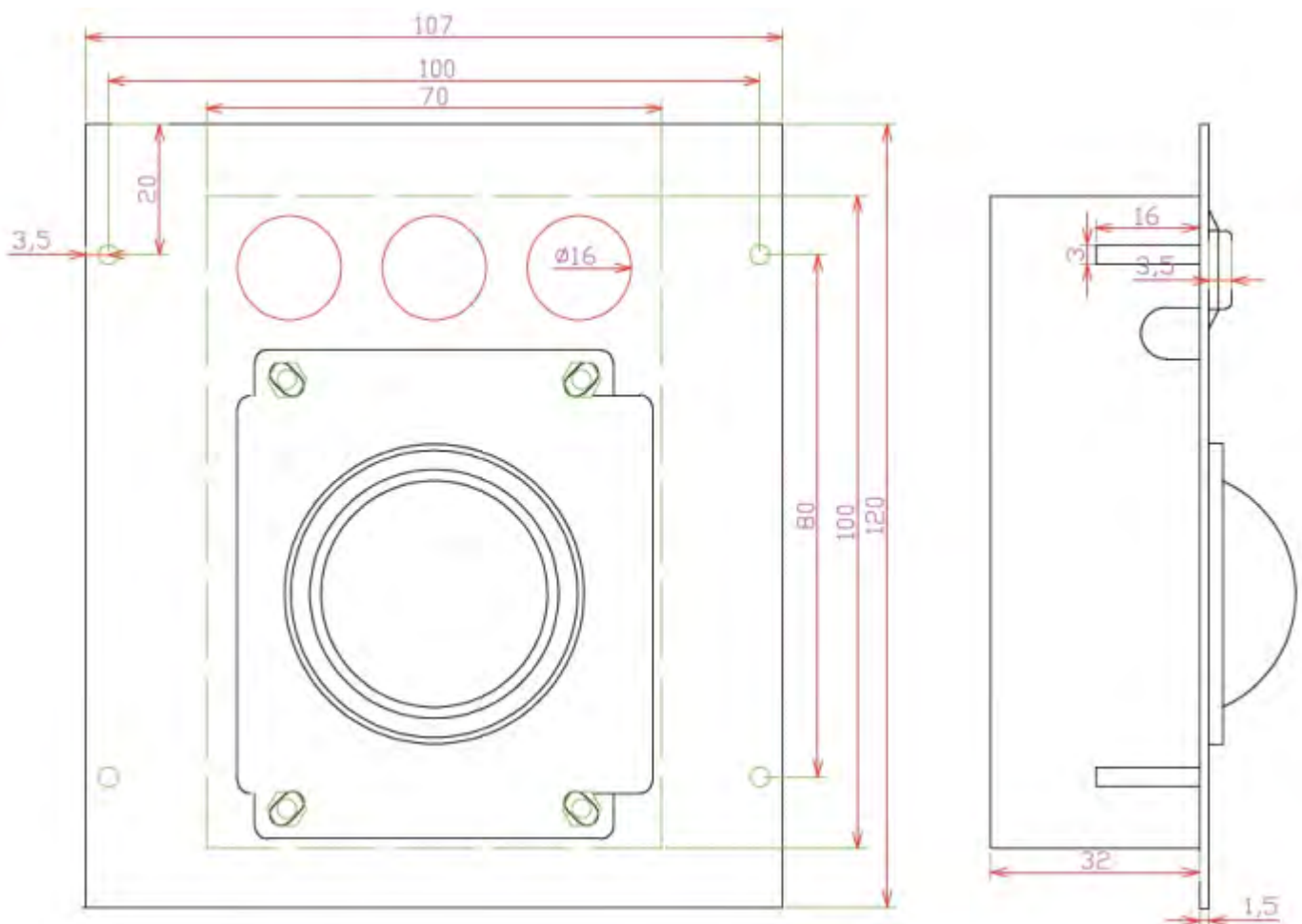
ITEM		SPECIFICATION
Mechanical	Key	3 sealed stainless steel buttons, quality brushed stainless steel
	Key top style	Protuberant Round Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball	Epoxy Resin, or stainless steel 38mm/1.50'
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Track ball resolutions	800 DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Tracking Force	20 grams Nominal Continuous Friction / Scraper Ring
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC $\pm$ 10%
	Protection level	IP65 dynamic (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold/Gold	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS Compliant, CE and FCC,ESD certified.
	MTBF	>50000H
	MTTR	< 30 MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B107R-38-OTB

**DESCRIPTION:** IP68 rated washable 38.0mm (1.5") vandal proof optical trackball module with variable friction ring and 3 sealed stainless steel mouse buttons, the ball can be moved out for cleaning and washing, with top panel mounting solution.



- IP68 dynamic waterproof (from the top)
- Solid State Optical Navigation Technology
- Ball tracking force can be set from loose (10 grams) to high (120 grams) in 4 steps; ball can be removed.
- Maintenance free with no moving parts
- Intrinsically and ESD safe operation
- Retro-fittable into most existing OEM designs
- Quadrature, PS/2 and USB outputs
- Anti-vandal options
- Output cables and switch input cables (option)
- Decontamination Friendly





## TECHNICAL SPECIFICATION:

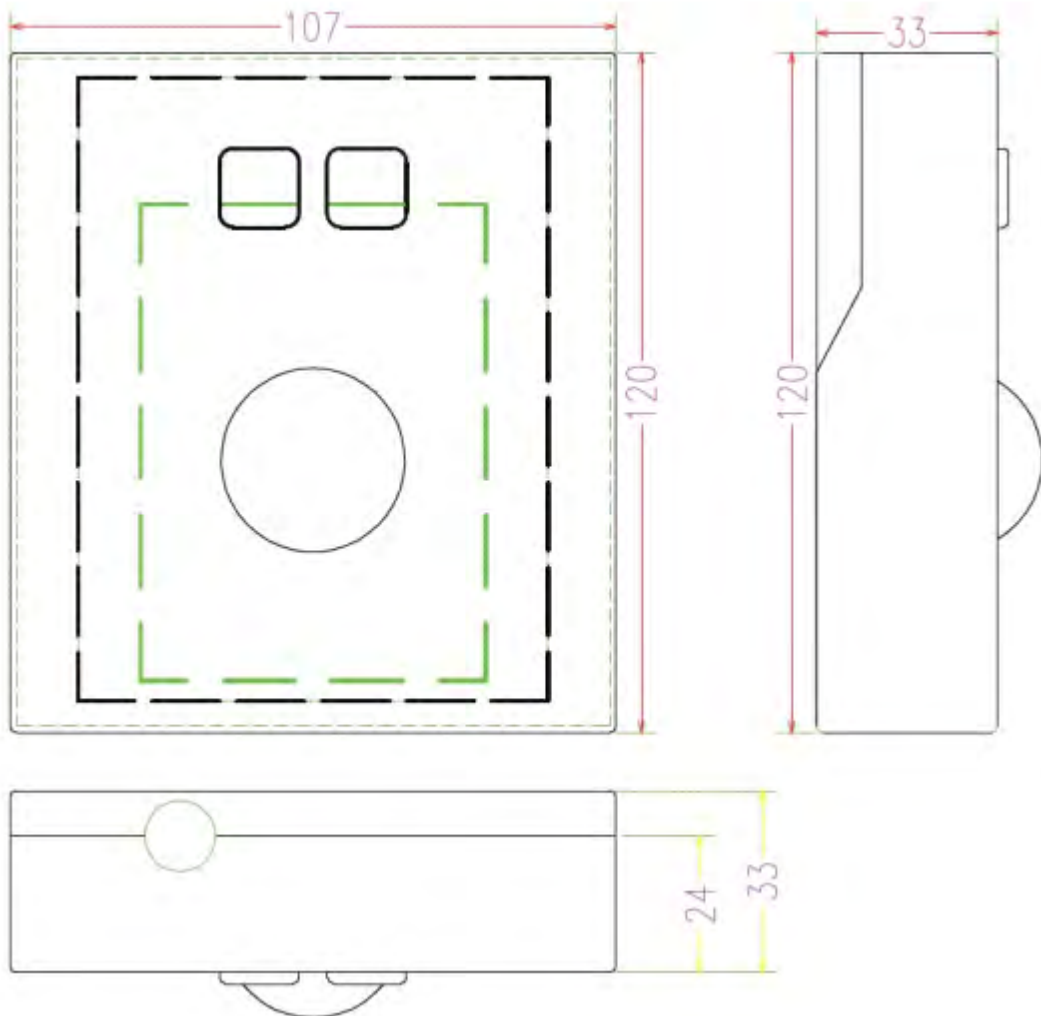
ITEM		SPECIFICATION
Mechanical	Key	3 sealed stainless steel buttons, quality brushed stainless steel
	Key top style	Protuberant Rectangular Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball	Epoxy Resin or stainless steel 38mm/1.50'
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Track ball resolutions	800 DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Tracking Force	5 - 200 grams Nominal Continuous Variable Friction Ring/Removable Ball
	Dimension	Dimensions with 38mm track ball, Front plate (W x H): 107.0mm x 120.0mm
Interface	PS2, USB are available, Y type cable with ports of PS2 and USB	
Electrical	Power supply	5V DC $\pm$ 10%,
	Protection level	IP65 dynamic (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold/Gold	
Environmental	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
Reliable	Certificates	RoHS Compliant, CE and FCC,ESD certified.
	MTBF	>50000H
	MTTR	< 30 MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-A107-38-MTB-DT

**DESCRIPTION:** IP65 static Vandal proof Stainless Steel Trackball with IP65 static 38mm mechanical trackball module with 400 DPI resolutions, stainless steel housing projects the trackball module, with front panel mounting solutions, stand alone desk top version with stainless steel housing.



- Emulates most popular mice - uses existing mouse driver and mouse software Interfaces for most workstations and computers.
- All Metal Mechanicals provide for rugged, smooth, long lasting operation.
- Available 50mm, 40mm, 38mm, 25mm, 22mm, 19mm and 16mm Diameter Stainless steel or Hard Phenolic Resin Ball for smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the ball is moved fast, while retaining one-pixel positioning accuracy when the ball is moved slowly.
- Teflon Ball Shields are available for dirt and water protection in harsh environments.



**TECHNICAL SPECIFICATION:**

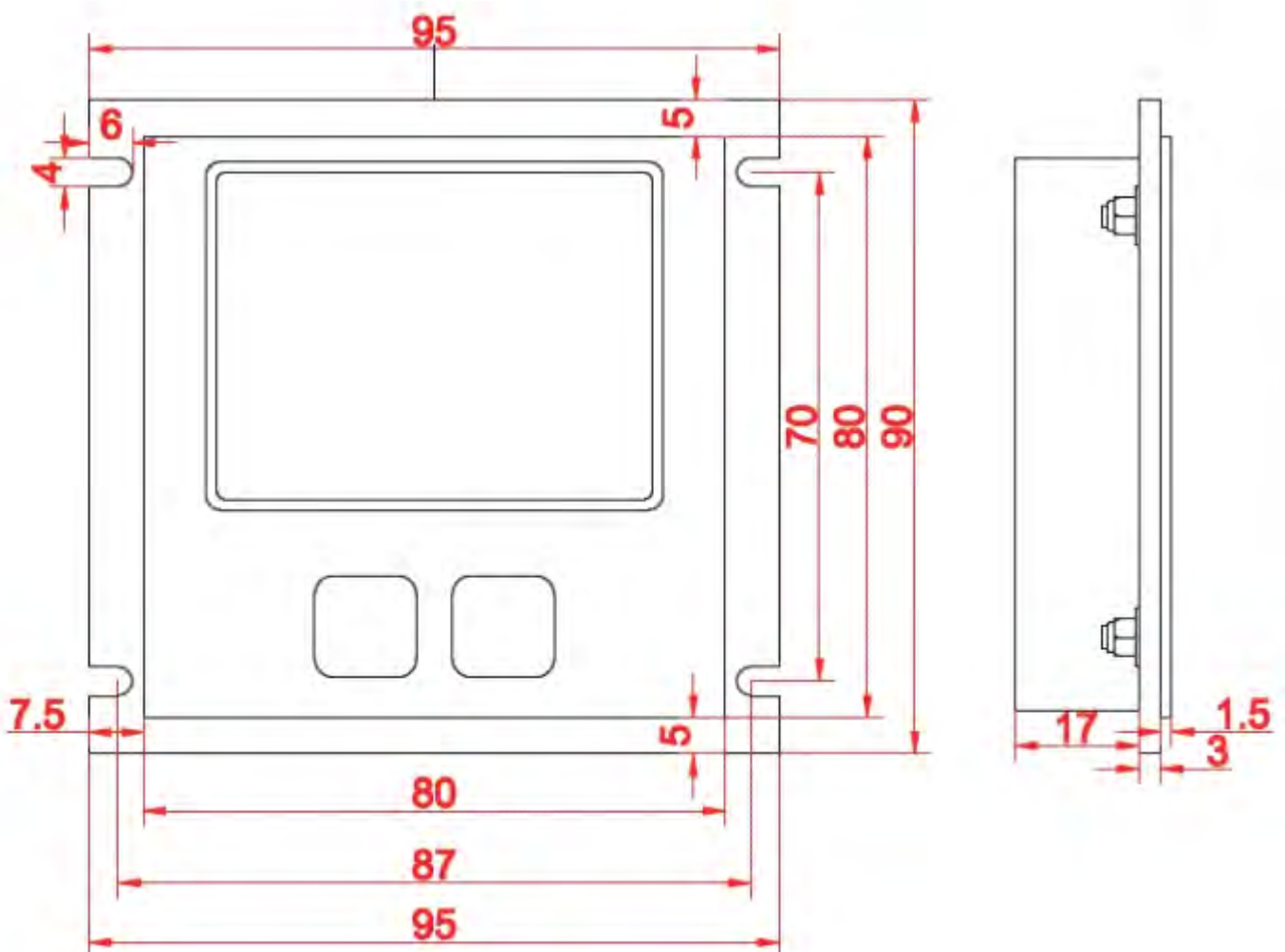
ITEM	SPECIFICATION	
<b>Mechanical</b>	Key	2 keys, quality brushed stainless steel
	Key top style	Protuberant Rectangular Keys,
	Front Plate	Quality brushed stainless steel
	Key Travel	2.0mm
	Ball diameter	38.1mm/1.50" (19mm, 25mm, 36mm, 40mm also available)
	Key switch lifespan	more than 10 Mio actuations
	Track ball lifespan	> 10 Mio revolutions
	Track ball resolutions	400 DPI
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Actuation Force	1.0N to 2.0N
	Mounting Rack	Aluminum alloy
	Dimension	38mm track ball, 107.0mm x 120.0mm x 32.0mm (L x W x H)
<b>Interface</b>	PS2, USB are available, Y type cable with ports of PS2 and USB	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Protection level	IP65 static (front panel), NEMA3
	EMC Standard	EN55022(B)
	Power consuming	$\leq$ 1.00W(dynamic)
		$\leq$ 0.2W(static)
Contact Material	Gold/Carbon	
<b>Environmental</b>	Operating temperature	-20°C~+ 60° C
	Storage temperature	- 30°C~+ 70°C
	Operating RH	30~90%
	Atmospheric pressure	60~106Kpa.
<b>Reliable</b>	Certificates	RoHS Compliant, CE and FCC,ESD certified.
	MTBF	>20000H
	MTTR	< 30MIN
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown box, suitable brown boxes to a standard export carton.	

## K-TEK-B80TP

**DESCRIPTION:** IP65 Sealed and Ruggedized Tough Touchpad with scroll function optional, with stainless steel housing protects the electronics module, with rear panel mounting. This small and compact touchpad is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, rear side integrated electronics protected by a metal cover.



- The small and compact size for easy mounting, the light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.



## TECHNICAL SPECIFICATION

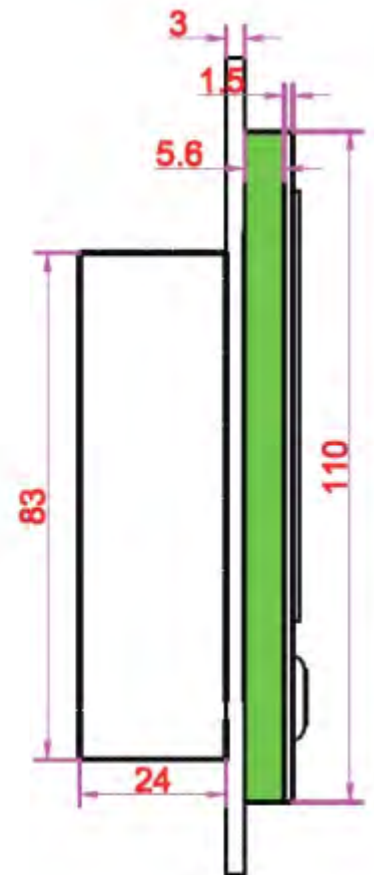
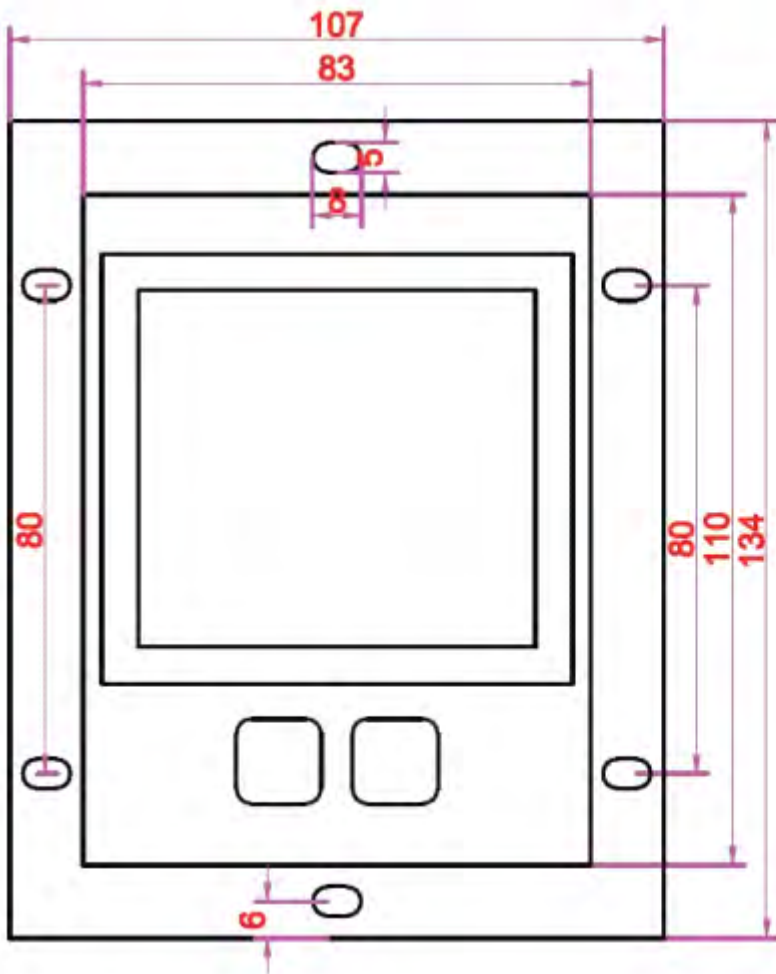
ITEM	SPECIFICATION	
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	Aluminum alloy
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Touchpad lifespan	> 10 Mio times
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Panel: 80.0mm x 80.0mm, Rear Mounting Panel: 95.0mm x 90.0mm
<b>Interface</b>	PS2 and USB both available	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 dynamic (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
<b>Environmental</b>	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
<b>Reliability</b>	MTBF	>50000H
	MTTR	< 30 MIN
	Touchpad Lifespan	>10 million actuations
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## K-TEK-A83TP

**DESCRIPTION:** IP65 Sealed and Ruggedized Touchpad with scroll function optional, with stainless steel housing protects the electronics module, with rear panel mounting.



- The small and compact size for easy mounting, the light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.



## TECHNICAL SPECIFICATION:

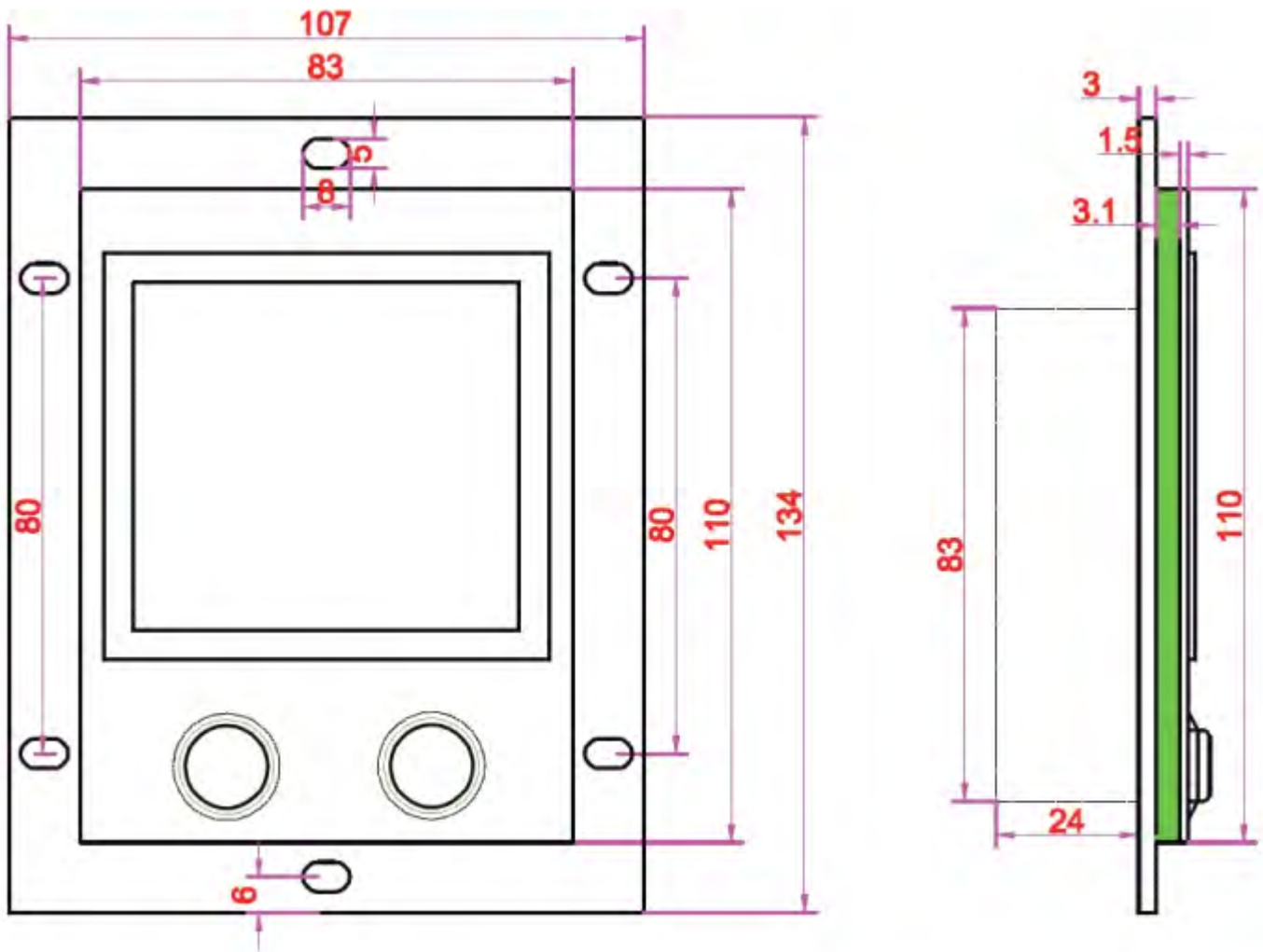
ITEM	SPECIFICATION		
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel	
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer	
	Validated touch width	46.50mm (max)	
	Validated touch length	62.50mm (max)	
	Mounting Rack	Aluminum alloy	
	Back Metal Cover	Rear side integrated electronics protected by a metal cover	
	Touchpad lifespan	> 10 Mio times	
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Panel: 83.0mm x 110.0mm , Rear Mounting Panel: 107.0mm x 134.0mm	
<b>Interface</b>	PS2 and USB both available		
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,	
	Work current	4.0 mA (normal)	
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)	
	X/Y position reporting:	Relative	
	Tracking speed:	Maximum 1,016 m/sec	
	Protection level:	IP65 dynamic (front panel)	
	Static Release:	15 KV (front panel)	
	EMC Standard:	EN55022(B)	
<b>Environmental</b>	Operating temperature:	-20°C to +60°C	
	Storage temperature:	- 40°C to + 70°C	
	Operating RH:	10%-95%	
	Atmospheric pressure:	60-106Kpa	
<b>Reliability</b>	MTBF	>50000H	
	MTTR	< 30MIN	
	Touchpad Lifespan	>10 million actuations	
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>		
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.		

## K-TEK-B83TP

**DESCRIPTION:** IP65 Sealed and Ruggedized Touchpad with scroll function optional, with stainless steel housing protects the electronics module, IP65 dynamic rated sealed stainless steel This small and compact touchpad is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, rear side integrated electronics protected by a metal cover



- The small and compact size for easy mounting, the light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.





**TECHNICAL SPECIFICATION:**

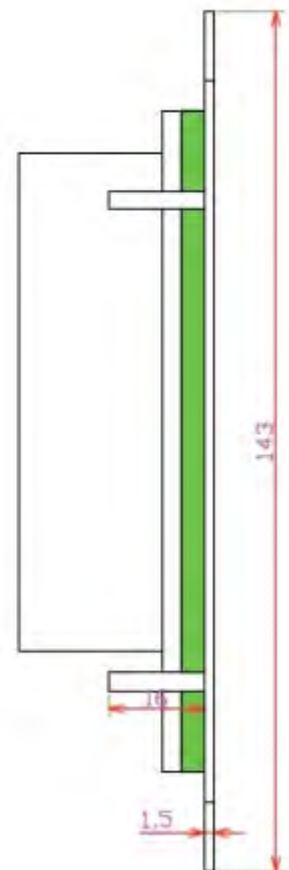
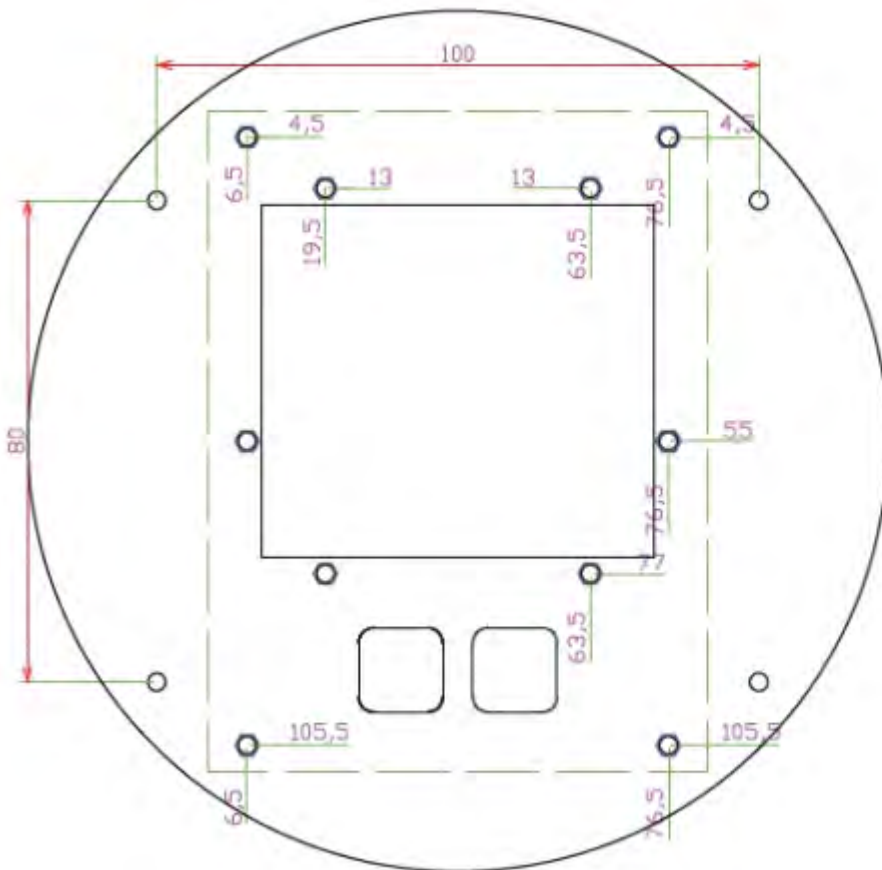
<b>ITEM</b>	<b>SPECIFICATION</b>	
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	Aluminum alloy
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Touchpad lifespan	> 10 Mio times
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Panel: 83.0mm x 110.0mm , Rear Mounting Panel: 107.0mm x 134.0mm
<b>Interface</b>	PS2 and USB both available	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 dynamic (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
<b>Environmental</b>	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
<b>Reliability</b>	MTBF	>50000H
	MTTR	< 30MIN
	Touchpad Lifespan	>10 million actuations
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## K-TEK-A143TP

**DESCRIPTION:** IP65 Sealed and Ruggedized Touchpad with scroll function optional, with stainless steel housing protects the electronics module, with rear panel mounting. This small and compact touchpad is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting holes, rear side integrated electronics protected by a metal cover



- The small and compact size for easy mounting, the light weight for easy moving. Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.

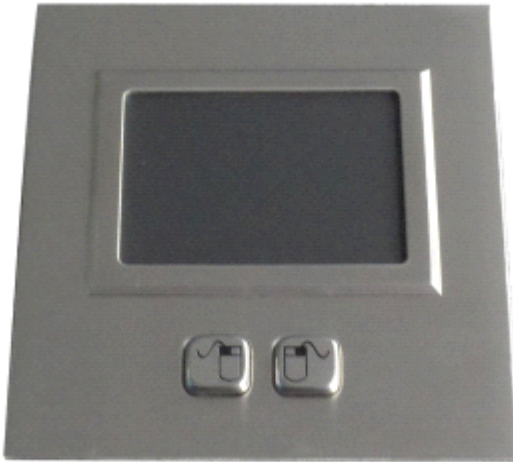


**TECHNICAL SPECIFICATION:**

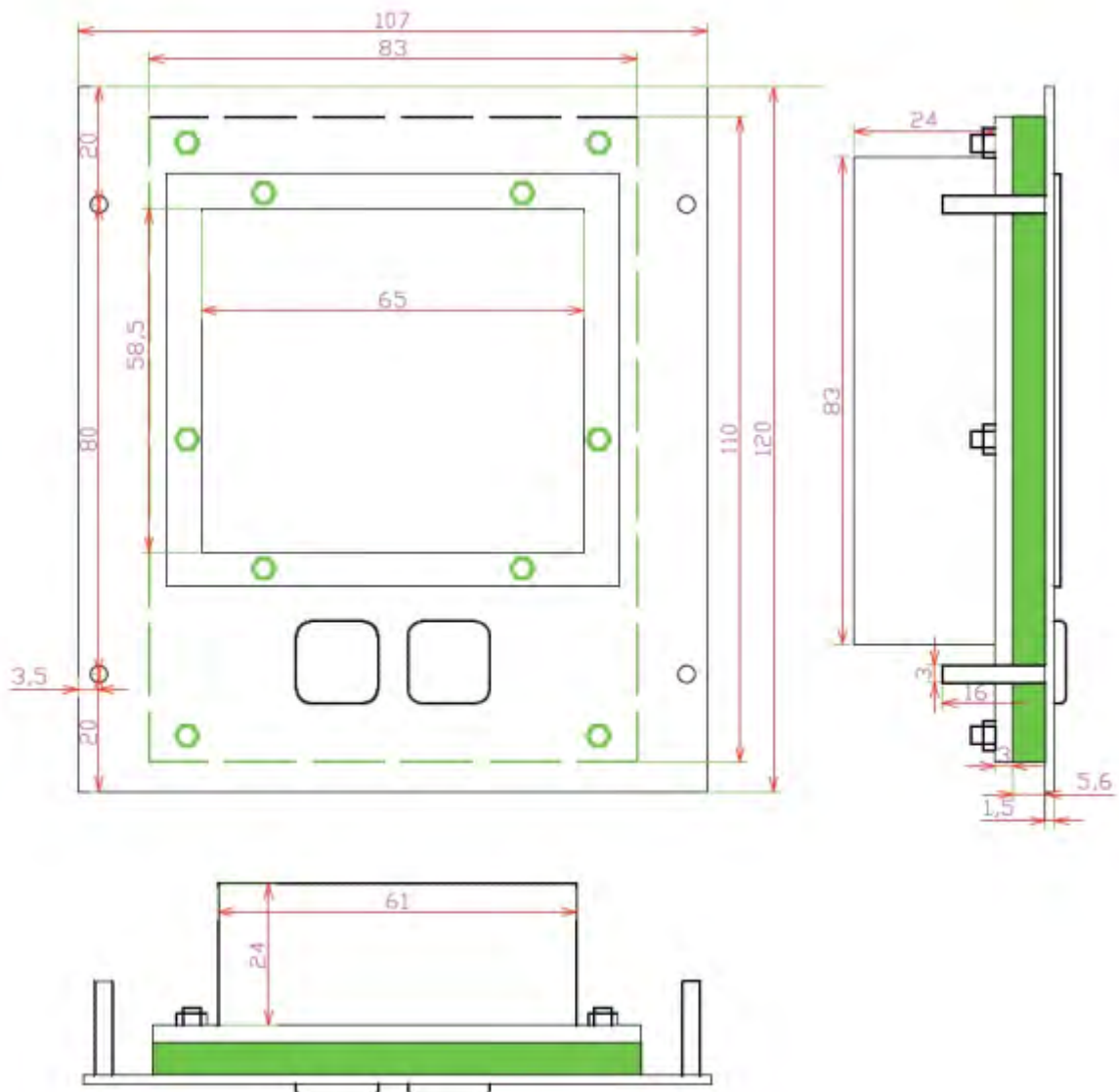
<b>ITEM</b>	<b>SPECIFICATION</b>	
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	Aluminum alloy
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Touchpad lifespan	> 10 Mio times
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Panel Diameter: 143.0mm
<b>Interface</b>	PS2 and USB both available	
<b>Electrical</b>	Power supply	5V DC± 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 dynamic (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
<b>Environmental</b>	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
<b>Reliability</b>	MTBF	>50000h
	MTTR	< 30min
	Touchpad Lifespan	>10 million actuations
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## K-TEK-A107TP

**DESCRIPTION:** IP65 dynamic sealed and ruggedized tough touchpad with scroll function (optional), with stainless steel housing protects the electronics module, raised buttons for mouse keys, stainless steel top panel mounted.



- The small and compact size for easy mounting, the light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.



## TECHNICAL SPECIFICATION:

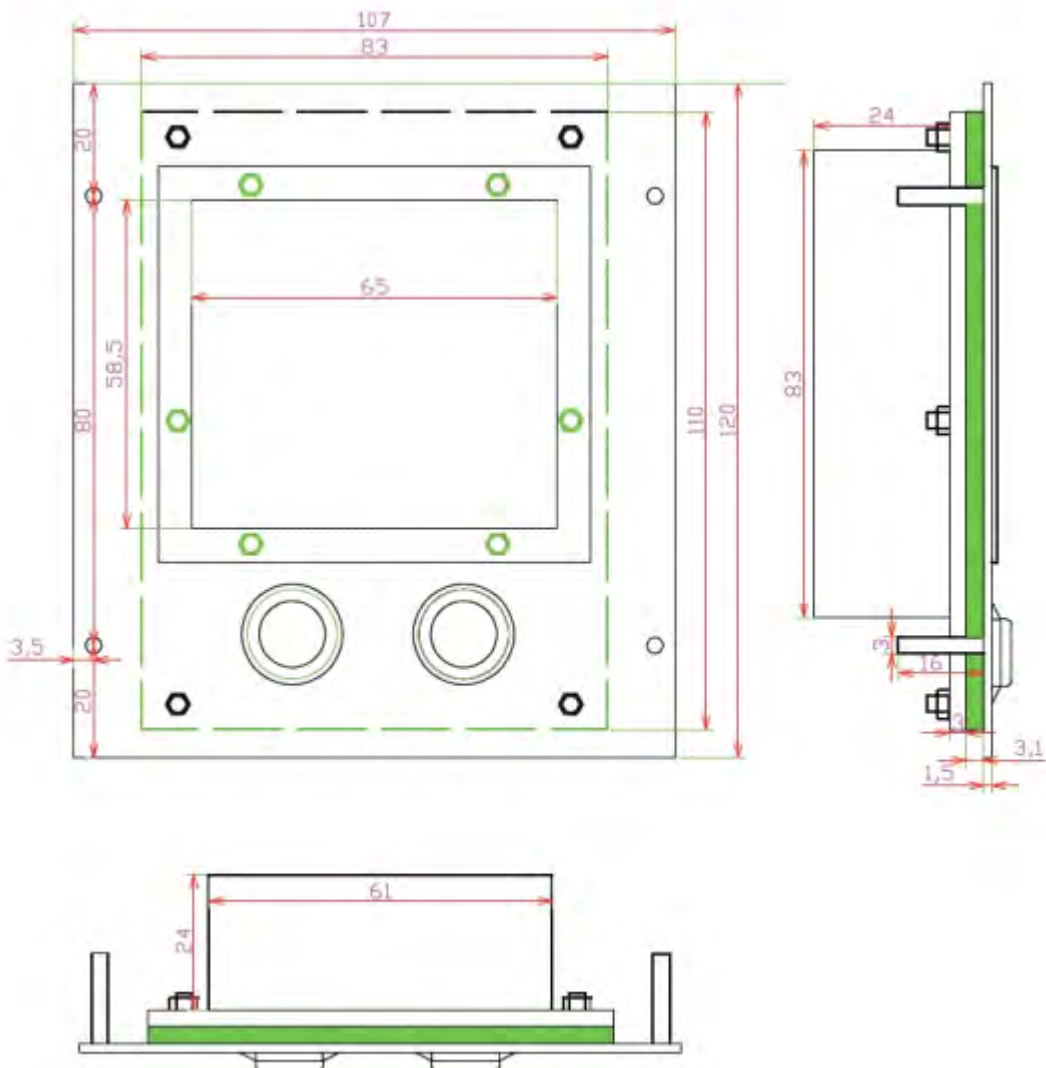
ITEM	SPECIFICATION		
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel	
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer	
	Validated touch width	46.50mm (max)	
	Validated touch length	62.50mm (max)	
	Mounting Rack	Aluminum alloy	
	Back Metal Cover	Rear side integrated electronics protected by a metal cover	
	Touchpad lifespan	> 10 Mio times	
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Panel: 107.0mm x 120.0mm	
<b>Interface</b>	PS2 and USB both available		
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,	
	Work current	4.0 mA (normal)	
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)	
	X/Y position reporting:	Relative	
	Tracking speed:	Maximum 1,016 m/sec	
	Protection level:	IP65 dynamic (front panel)	
	Static Release:	15 KV (front panel)	
	EMC Standard:	EN55022(B)	
<b>Environmental</b>	Operating temperature:	-20°C to +60°C	
	Storage temperature:	- 40°C to + 70°C	
	Operating RH:	10%-95%	
	Atmospheric pressure:	60-106Kpa	
<b>Reliability</b>	MTBF	>50000h	
	MTTR	< 30min	
	Touchpad Lifespan	>10 million actuations	
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>		
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.		

## K-TEK-B107TP

**DESCRIPTION:** IP65 dynamic sealed and stainless steel ruggedized touchpad with IP65 dynamic sealed stainless steel mouse buttons, with top panel mounting. This small and compact touchpad is easy for system integration, and suitable in harsh industrial environment. Stable stainless steel front panel with mounting nails, rear side integrated electronics protected by a metal cover.



- The small and compact size for easy mounting, the light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.



## TECHNICAL SPECIFICATION:

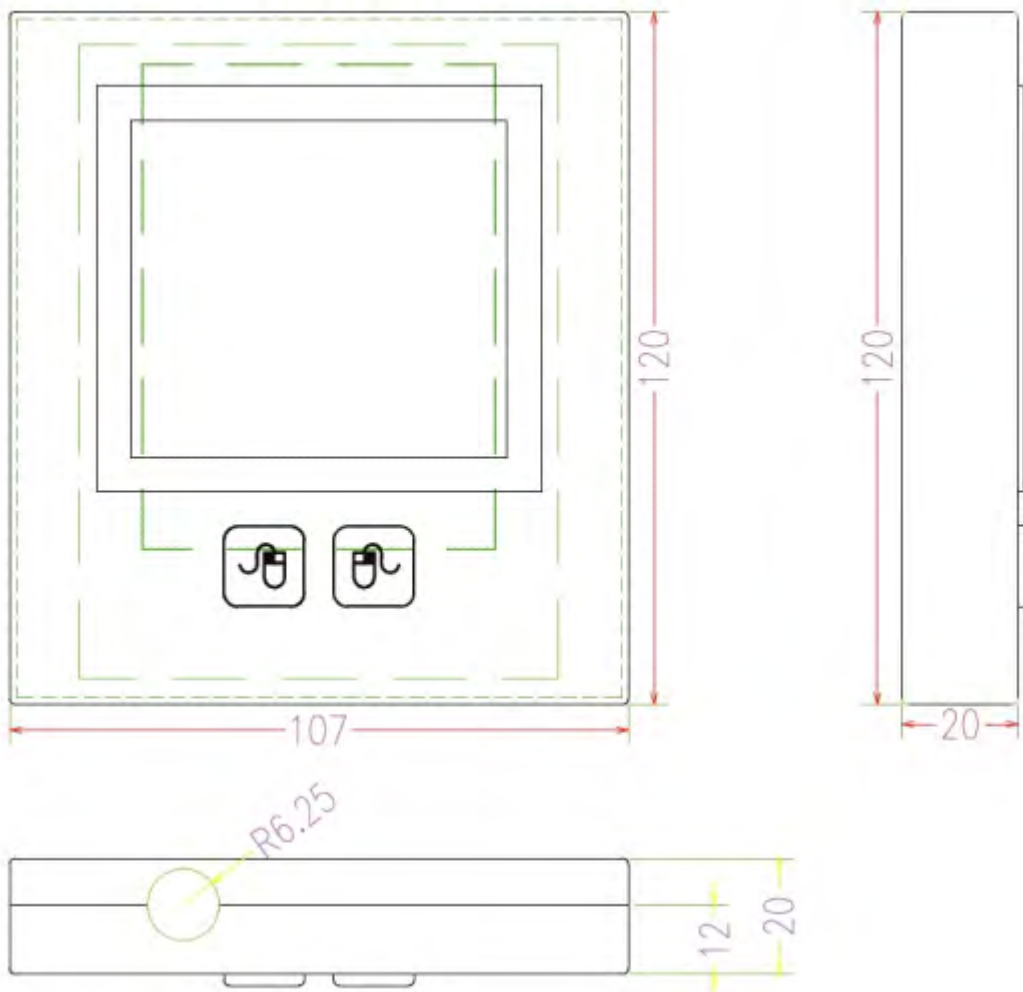
ITEM		SPECIFICATION
Mechanical	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	top stainless steel plate with mounting screw bolts
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Touchpad lifespan	> 10 Mio times
	Dimensions	Touchpad: 65.0mm x 49.0mm; Front Mounting Panel: 107.0mm x 120.0mm (front panel),
Interface	PS2 and USB both available	
Electrical	Power supply	5V DC $\pm$ 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 dynamic (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
Environmental	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
Reliability	MTBF	>50000H
	MTTR	< 30min
	Touchpad Lifespan	>10 million actuations
OS	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX</b>	
Packing Details	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## K-TEK-A107TP-DT

**DESCRIPTION:** IP65 dynamic sealed and ruggedized tough touchpad with scroll function (optional), with stainless steel housing protects the electronics module, raised buttons for mouse keys, stand alone desk top version with stainless steel housing.



- The light weight for easy moving.
- Smooth, durable operation and precise cursor positioning.
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.





**TECHNICAL SPECIFICATION:**

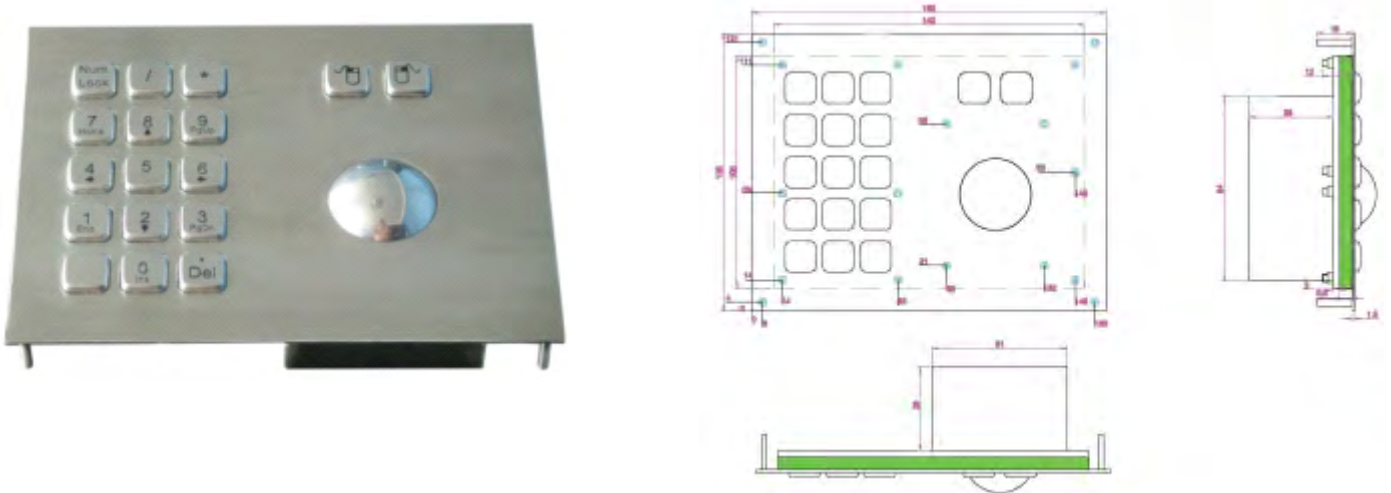
<b>ITEM</b>	<b>SPECIFICATION</b>	
<b>Mechanical</b>	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	Aluminum alloy
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Touchpad lifespan	> 10 Mio times
	Dimensions	Touchpad: 65.0mm x 49.0mm; 107.0mm x 120.0mm x 20.0mm (L x W x H)
<b>Interface</b>	PS2 and USB both available	
<b>Electrical</b>	Power supply	5V DC $\pm$ 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 dynamic (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
<b>Environmental</b>	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
<b>Reliability</b>	MTBF	>20000h
	MTTR	< 30min
	Touchpad Lifespan	>10 million actuations
<b>OS</b>	<b>OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/WIN7, Linux, Unix, Mac OS9 / OSX</b>	
<b>Packing Details</b>	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## K-TEK-A160TB-38-KP

**DESCRIPTION:** IP65 static Vandal proof Stainless Steel Trackball with IP65 static 38mm m trackball module with integrated numeric keypad, stainless steel top panel mounted

**APPLICATION:** This trackball is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks, ticket vending machines, gas stations, Internet public phones etc.

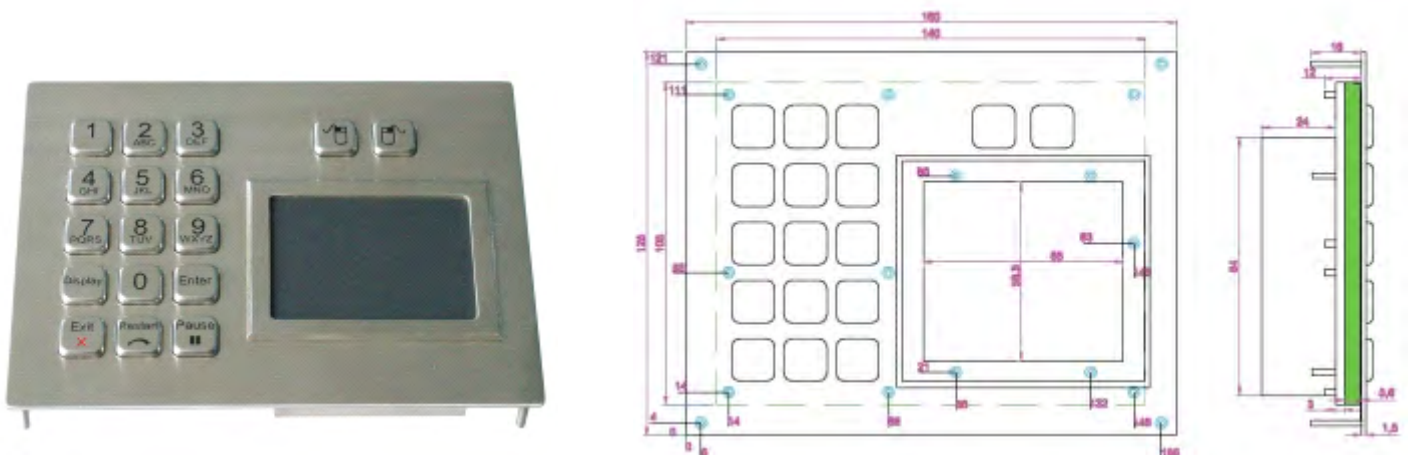
- **Key top style:** Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 1.00 kgs.
- **Dimensions:** 160.0mm × 125.0mm (front panel) 140.0mm × 105.0mm (back panel).



## K-TEK-A160TP-KP

**DESCRIPTION:** IP65 dynamic sealed and ruggedized tough touchpad with scroll function(optional), carbon-on-gold key switch technology with stroke 2.0mm, with numeric keypad integrated, top panel mounted

- **Key top style:** Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W:** 0.80 kgs.
- **Dimensions:** 160.0mm x 125.0mm (front panel), 140.0mm × 105.0mm (back panel).

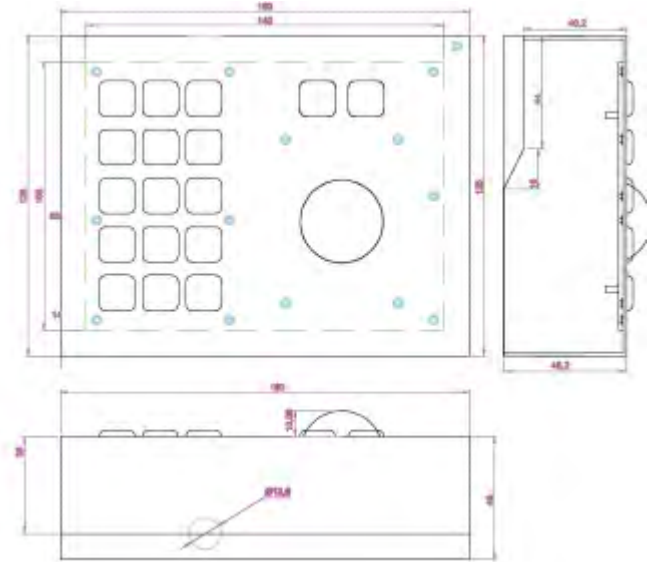


## K-TEK-A160TB-38-KP-DT

**DESCRIPTION:** stand alone desk top vandal proof IP65 static stainless steel trackball with 17 Keys Stainless Steel Keypad.

**APPLICATION:** This trackball is mainly targeted for use for unsupervised or semi-supervised positions of varied access applications, internet terminals and information kiosks, ticket vending machines, gas stations, Internet public phones etc.

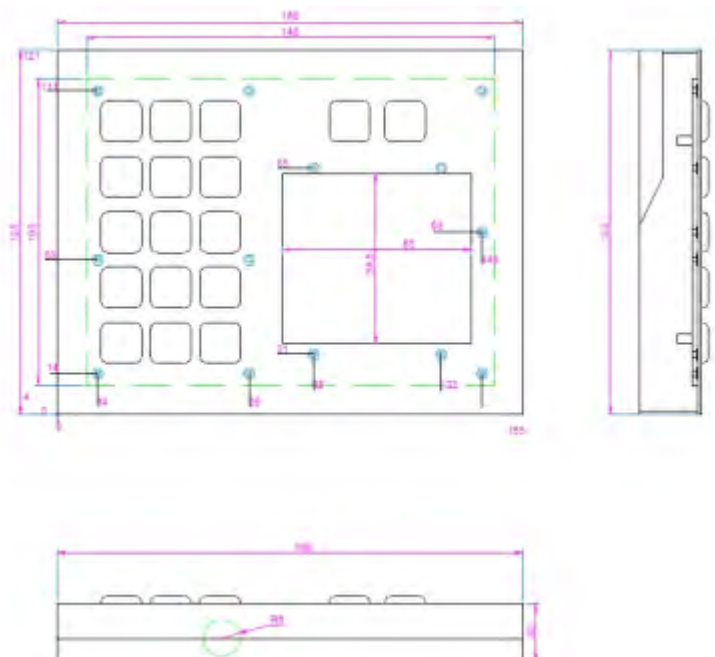
- **Key top style:** Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.60 kgs.
- **Dimensions:** 160.0mm x 125.0mm x 32.0mm ( L x W x H)



## K-TEK-A160TP-KP-DT

**DESCRIPTION:** Stand alone desk top vandal proof IP65 dynamic sealed ruggedized & tough touchpad with integrated keypad, with carbon-on-gold key switch technology.

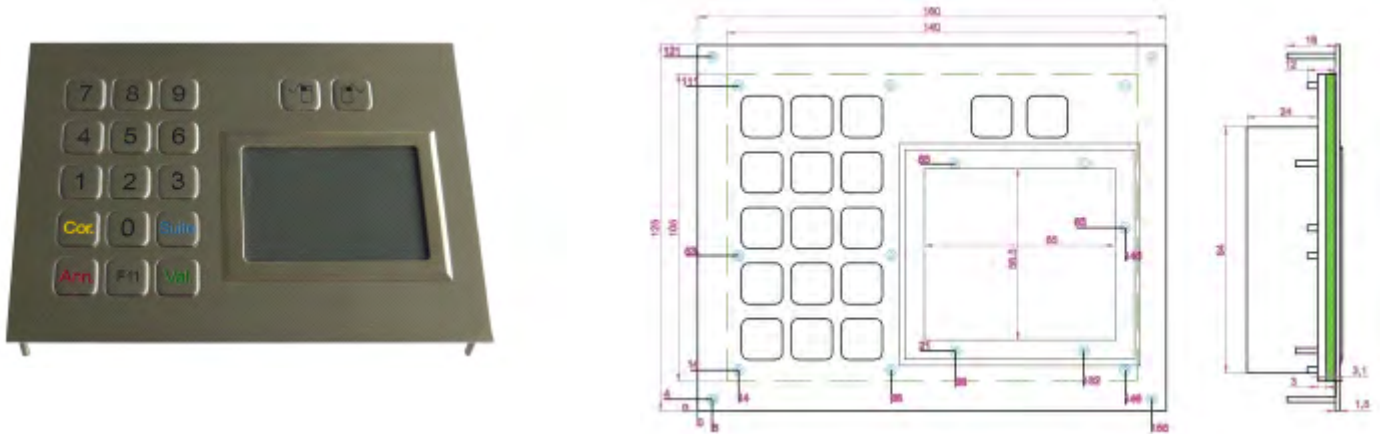
- **Key top style:** Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **G.W.:** 1.20 kgs.
- **Dimensions:** 160.0mm x 125.0mm x 20.0mm ( L x W x H)



## K-TEK-B160TP-KP

**DESCRIPTION:** IP65 dynamic sealed and ruggedized tough touchpad with scroll function (optional), metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, with numeric keypad integrated, stainless steel top panel mounted.

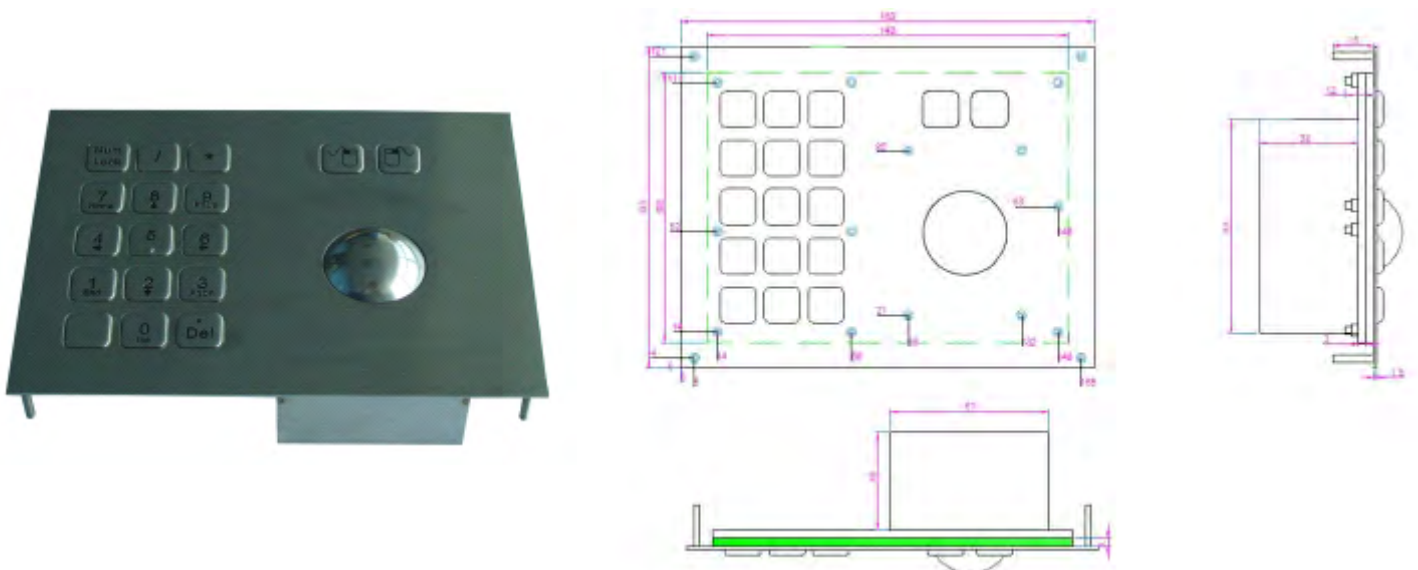
- **Key top style:** Non-protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are
- **G.W.:** 0.80 kgs.
- **Dimensions:** 160.0mm x 125.0mm (front panel), 140.0mm x 105.0mm (back panel).
- Rate Sensitive Dynamic Resolution provides for accelerated movement of the cursor when the fingers move fast, while retaining one-pixel positioning accuracy when the fingers move slowly.



## K-TEK-B160TB-KP

**DESCRIPTION:** IP65 rated dynamic with IP68 dynamic washable optical trackball, integrated keypad, with gold-on-gold key switch technology, with top panel mounting solution

- **Key top style:** Non-protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are
- **G.W.:** 1.20 kgs.
- **Dimensions:** 160.0mm x 125.0mm (front panel), 140.0mm x 105.0mm (back panel).



## TECHNICAL SPECIFICATION:

ITEM		SPECIFICATION
Mechanical	Front Plate	Quality brushed stainless steel
	Touchpad thickness	1.3 mm PCB thickness inclusive of mylar layer
	Validated touch width	46.50mm (max)
	Validated touch length	62.50mm (max)
	Mounting Rack	Aluminum alloy
	Back Metal Cover	Rear side integrated electronics protected by a metal cover
	Dimensions	Front Mounting Panel: 160.0mm x 125.0mm (front panel)
Interface	PS2 and USB both available	
Electrical	Power supply	5V DC $\pm$ 10%,
	Work current	4.0 mA (normal)
	X/Y position sensing resolution:	1000 points/inch (40 points/mm)
	X/Y position reporting:	Relative
	Tracking speed:	Maximum 1,016 m/sec
	Protection level:	IP65 (front panel)
	Static Release:	15 KV (front panel)
	EMC Standard:	EN55022(B)
Environmental	Operating temperature:	-20°C to +60°C
	Storage temperature:	- 40°C to + 70°C
	Operating RH:	10%-95%
	Atmospheric pressure:	60-106Kpa
Reliability	MTBF	>50000H
	MTTR	< 30min
	Key switch lifespan	>5 million actuations
OS	OS is under Windows95/98/NT/ME/2000/XP/2003/Vista/Win 7, Linux, Unix, Mac OS9 / OSX	
Packing Details	Each unit to a suitable brown inner box, suitable brown inner boxes to a standard export carton.	

## PUBLIC TELEPHONE SET



16 Keys Vandal Proof IP65 Stainless Steel Telephone Keypad



12 Keys Vandal Proof IP65 Stainless Steel Telephone Keypad



Metal phone fork



Anti-vandal Phone Handle Set



Phone connector

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# FUNCTION KEYPAD

## MAIN FEATURES

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- Internet friendly key layout, key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available
- With firm tactile key feel, short travel switches, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65/IP54, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel.

## MECHANICAL DATA

- **Key Switch Technology:** Carbon-on-gold technology for Model A  
Gold-on-gold technology for Model B
- **Actuation Force:**  
Model A, 0.6N+/-0.1N (pressure point)  
Model B, 2N+/-0.1N (pressure point),
- **Key travel:** 2mm for long stroke (Model A) .  
0.45mm for short stroke (Model B),
- **Lettering:** laser engraving, or raised letters.
- **Front panel:** brushed stainless steel.
- **Actuator/keys materials:** stainless steel.

## ELECTRICAL DATA

- **Power supply voltage:** 5V DC.
- **Power Consumption:** Under 150mW for operation, under 50mW for non-operation
- **Electrical lifetime:** > 5 years
- **EMC:** EN55022(B)

## ENVIRONMENTAL ADAPTABILITY

- **Operating temperature:** -5°C to +45°C
- **Storage temperature:** -10 °C to +50°C
- **Operating RH:** 30 ~ 90%
- **Atmospheric pressure:** 60 ~ 106Kpa.

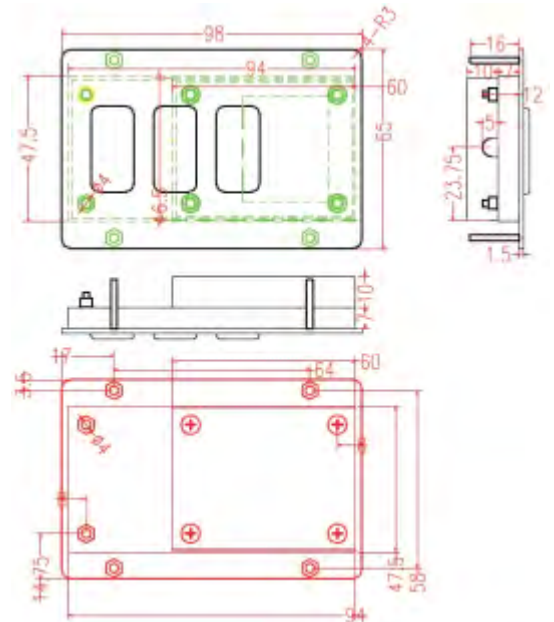
## RELIABILITY

- **Protection Level:** IP65
- **Vandal resistant** IK09 for model A, IK10 for model B
- **Key Lifespan** >10 million actuations for model A,  
5 million actuations for model B.
- **MTBF** >50000H
- **MTTR** <30MIN

## K-TEK-A98FK

**DESCRIPTION:** 3 Keys Vandal proof IP65 Stainless Steel Mouse Button with carbon-on-gold key switch technology for accurate and fast data input, with electronics controller, with top stainless steel panel mounting solution.

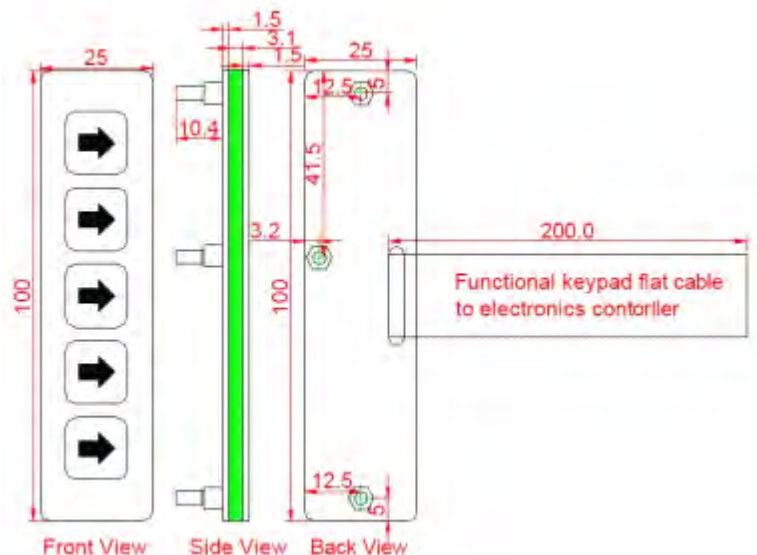
- **Key top style:** Protuberant square keys, etched graphics are available.
- **Dimensions:** 98.0mm x 65.0mm
- **G.W.:** 0.25 kgs



## K-TEK-B100FK

**DESCRIPTION:** 5 Keys Vandal proof IP65 Stainless Steel dot matrix function keypad with metal dome PCB with gold-on-gold key switch technology with stroke 0.45mm, top panel mounting.

- **Key top style:** Plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **Dimensions:** 100.0mm x 25.0mm
- **G.W.:** 0.20 kgs

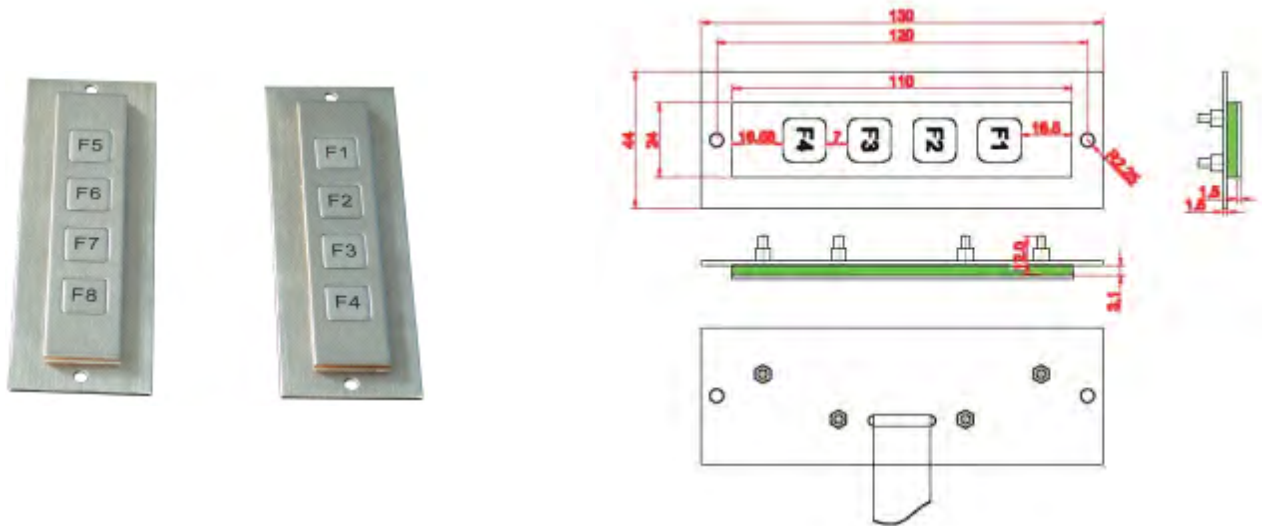




## K-TEK-B110FK

**DESCRIPTION:** 4 Keys Vandal proof IP65 Stainless Steel dot matrix function keypad with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, without electronics controller, top panel mounting.

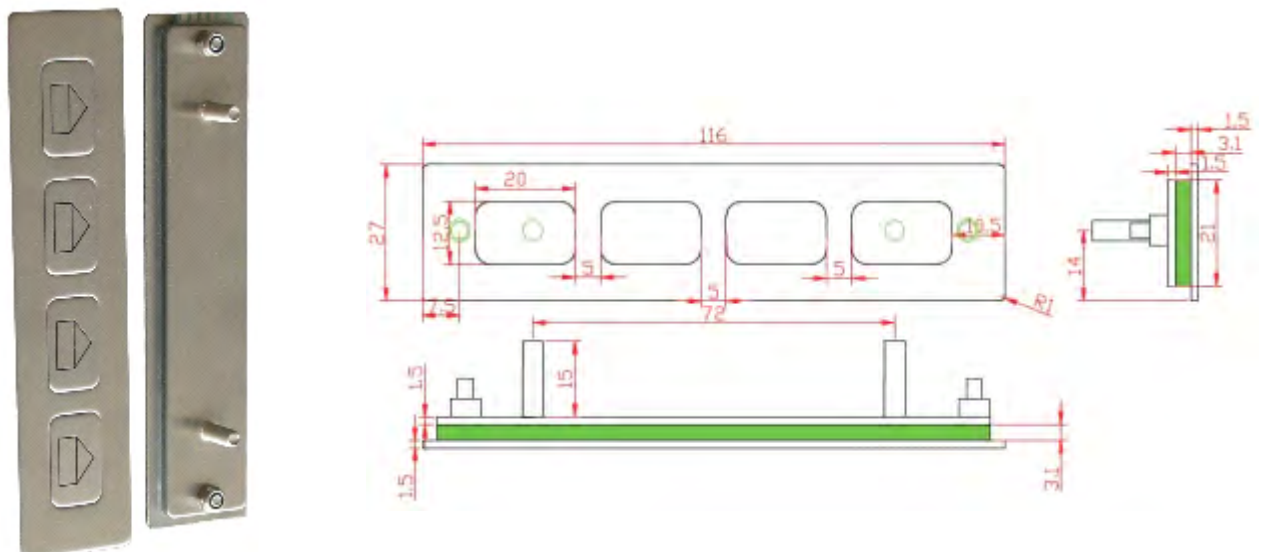
- **Key top style:** Plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **Dimensions:** 110.0mm x 24.0mm
- **G.W:** 0.30 kgs



## K-TEK-B116FK

**DESCRIPTION:** 4 Keys Vandal proof IP65 Stainless Steel dot matrix function keypad with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm, without electronics controller, top panel mounting.

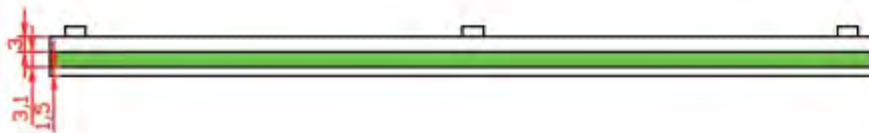
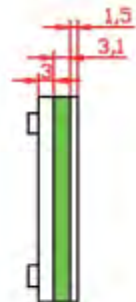
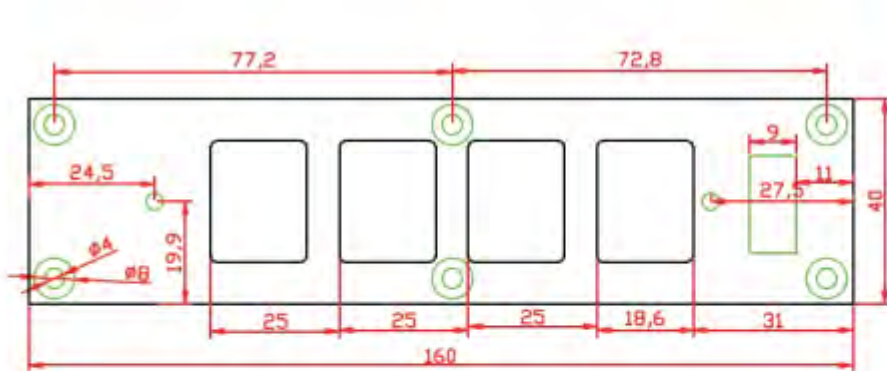
- **Key top style:** Plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **Dimensions:** 116.0mm x 27.0mm
- **G.W:** 0.30 kgs



# K-TEK-B160FK

**DESCRIPTION:** 4 keys vandal proof IP65 function keypad in super quality stainless steel, with gold-on-gold key switch technology.

- **Key top style:** Plain/Non-Protuberant rectangular keys, with laser engraved and etched legends and raised braille on keys are available.
- **Dimensions:** 160.0mm x 40.0mm.
- **G.W.:** 0.40 kgs.

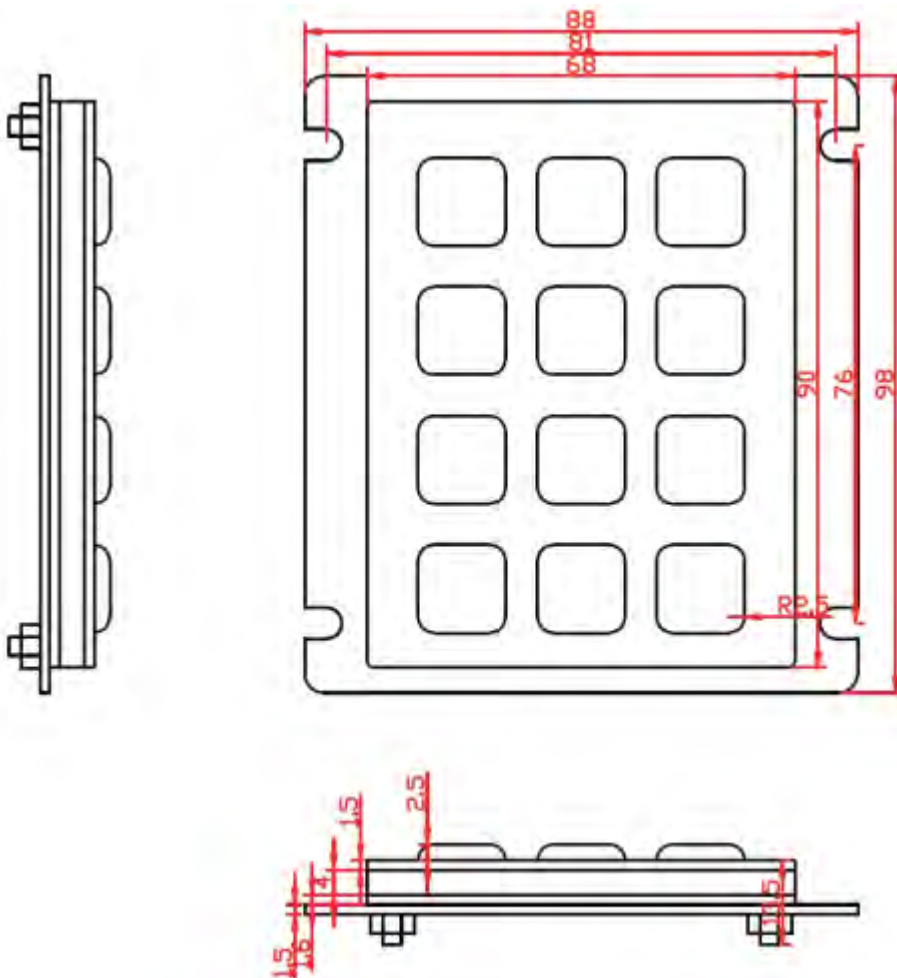


# ACCESS CONTROL KEYPAD

## K-TEK-A68KP-AC

**Description:** 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with carbon-on-gold key switch technology with long stroke 2.0mm for fast and accurate data input, rear panel mounting.

**Dimension:** 68mm x 90mm (front panel)



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## **MAIN FEATURE**

Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.

Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.

Waterproof execution according to IP65 protection from top panel, top stainless steel plate with flat keyboard surface for easy cleaning, threaded bolts & sealing gasket for easy tightly mounting to enclosure or panel.

An excellent tactile feel with short stroke switches and allow users to achieve stable and accurate data input, with firm tactile perception for comfortable operation

key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.

Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers. Ease of customizing with multiple languages, to accommodate foreign or custom variants.

## **MECHANICAL DATA**

Actuator/keys: 12 keys, 1.50mm thickness super quality SUS304 brushed stainless steel flat key.

Key top style: Non-protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available

Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key

Key travel: 2.0mm

Actuation Force: 2.0N $\pm$ 0.1N for key 14.0mm x 14.0mm (pressure point) 4.0N $\pm$ 0.1N for key 14.0mm x 28.0mm (pressure point)

Switch life: more than 5 million of operations.

Front Plate: 1.5mm thickness super quality brushed stainless steel

Back Plate: 1.5mm thickness super quality stainless steel

G.W.: 0.30KGs

Dimension:68.0mm x 90.0mm (Front Panel)

## **ENVIRONMENTAL ADAPTABILITY**

Operating temperature:-20oC to +60oC

Storage temperature: -30oC to +70oC

Operating RH: 30-90%

Atmospheric pressure: 60-106Kpa.

Saline mist: 96 hours, IEC 60512-6

Damp heat test at + 40oC: 21 days, IEC 60512-6

Dry heat test at + 85oC: 10 days, IEC 60512-6

## **RELIABILITY**

RoHS Compliant, CE and FCC, ESD

Protection Level: IP65(front panel)

Vandal resistant IK10

Key Lifespan >5 million actuations

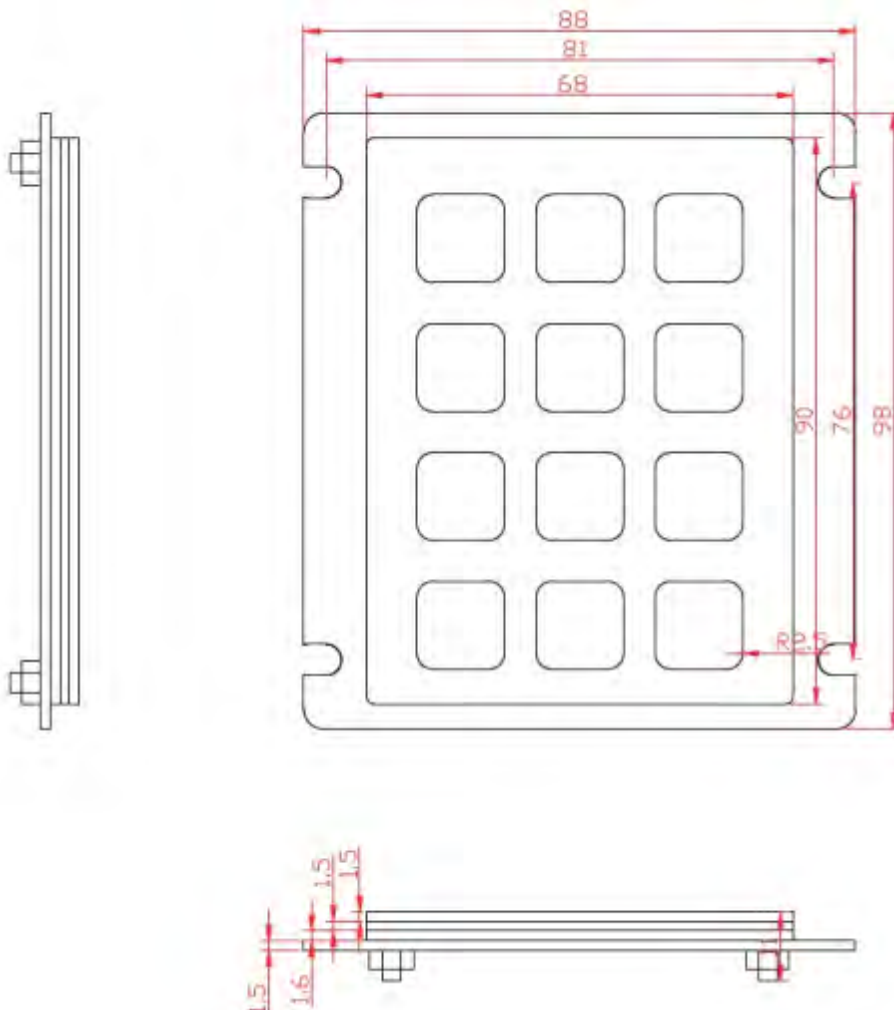
MTBF >50000H

MTTR <30min

## K-TEK-B68KP-AC

**Description:** 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with tactile feeling, rear stainless steel panel mounting

**Dimension:** 68mm x 90mm (front panel)



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## **MAIN FEATURE**

Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.

Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.

Waterproof execution according to IP65 protection from top panel, top stainless steel plate with flat keyboard surface for easy cleaning, threaded bolts & sealing gasket for easy tightly mounting to enclosure or panel.

An excellent tactile feel with short stroke switches and allow users to achieve stable and accurate data input, with firm tactile perception for comfortable operation

key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.

Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.

Ease of customizing with multiple languages, to accommodate foreign or custom variants.

## **MECHANICAL DATA**

Actuator/keys: 12 keys, 1.50mm thickness super quality SUS304 brushed stainless steel flat key.

Key top style: Non-protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available

Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key

Key travel: 0.45mm

Actuation Force: 2.0N+/-0.1N for key 14.0mm x 14.0mm (pressure point) 4.0N+/-0.1N for key 14.0mm x 28.0mm (pressure point)

Switch life: more than 5 million of operations.

Front Plate: 1.5mm thickness super quality brushed stainless steel

Back Plate: 1.5mm thickness super quality stainless steel

G.W.: 0.30KGs

Dimension:68.0mm x 90.0mm (Front Panel)

## **ENVIRONMENTAL ADAPTABILITY**

Operating temperature:-20oC to +60oC

Storage temperature: -30oC to +70oC

Operating RH: 30-90%

Atmospheric pressure: 60-106Kpa.

Saline mist: 96 hours, IEC 60512-6

Damp heat test at + 40oC: 21 days, IEC 60512-6

Dry heat test at + 85oC: 10 days, IEC 60512-6

## **RELIABILITY**

RoHS Compliant, CE and FCC, ESD

Protection Level: IP65(front panel)

Vandal resistant IK10

Key Lifespan >5 million actuations

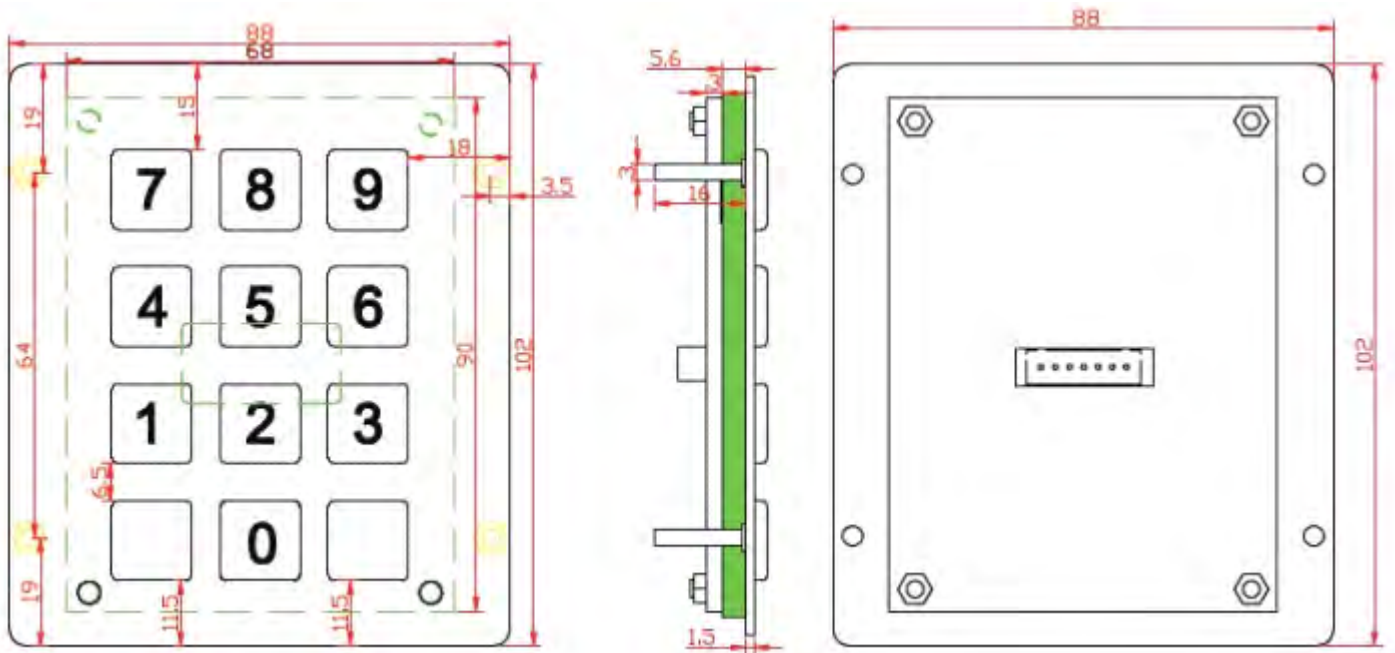
MTBF >50000H

MTTR <30min

## K-TEK-A88KP-AC

**DESCRIPTION:** 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with carbon-on-gold key switch technology for fast and accurate data input, top panel mounting. Backlight (red/blue/white/green) optional

**DIMENSIONS:** 88.0mm x 102.0mm (top panel)



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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With carbon-on-gold key contact with long stroke 2.0mm, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 12 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, \*, #. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Carbon-on-Gold.
- Actuation Force: 0.6N +/-0.1N (pressure point).
- Key Travel: 2.0mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 88.0mm x 102.0mm.
- G.W.: 0.50 kgs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

## RELIABILITY

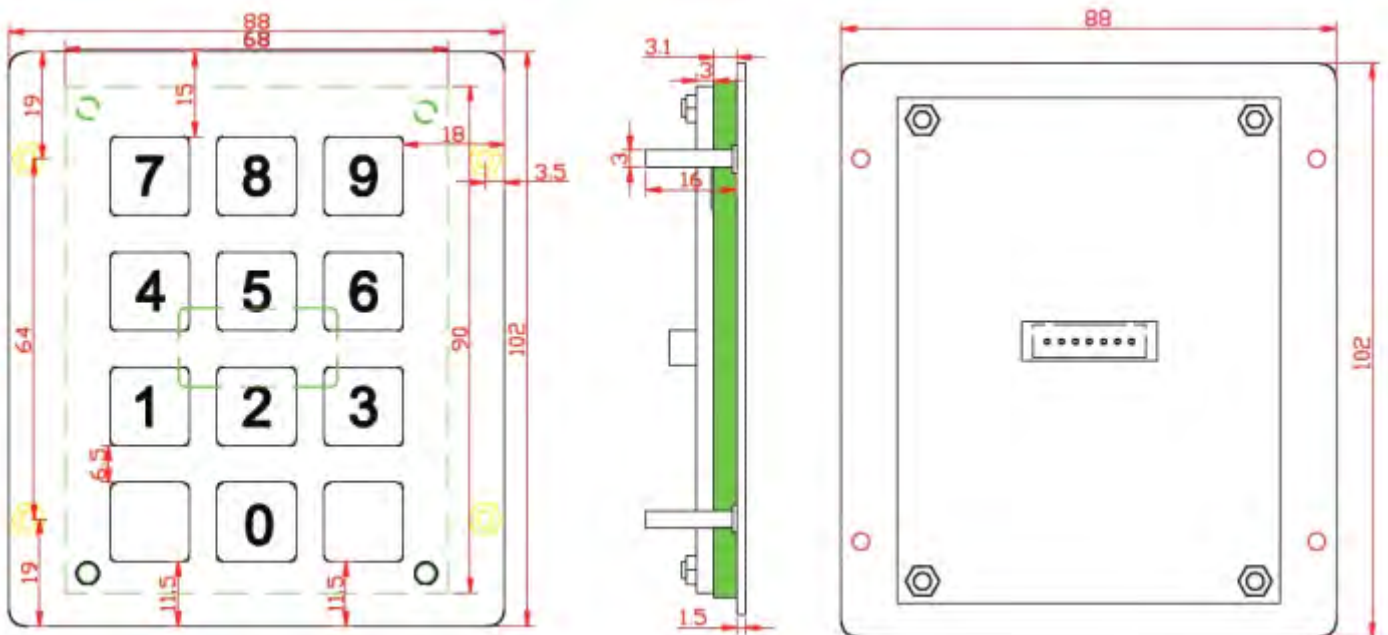
- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK09
- Key Lifespan >10 million actuations.
- MTBF >50000H.
- MTTR <30min.



## K-TEK-B88KP-AC

**DESCRIPTION:** 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with tactile feeling, top stainless steel panel mounting.

**DIMENSIONS:** 88.0mm x 102.0mm (top panel)



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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With firm tactile key feel, short travel switches, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 12 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, \*, #. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Gold-on-Gold.
- Actuation Force: 2.0+/-0.1N (pressure point).
- Key Travel: 0.45mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 88.0mm x 102.0mm.
- G.W.: 0.50 kgs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

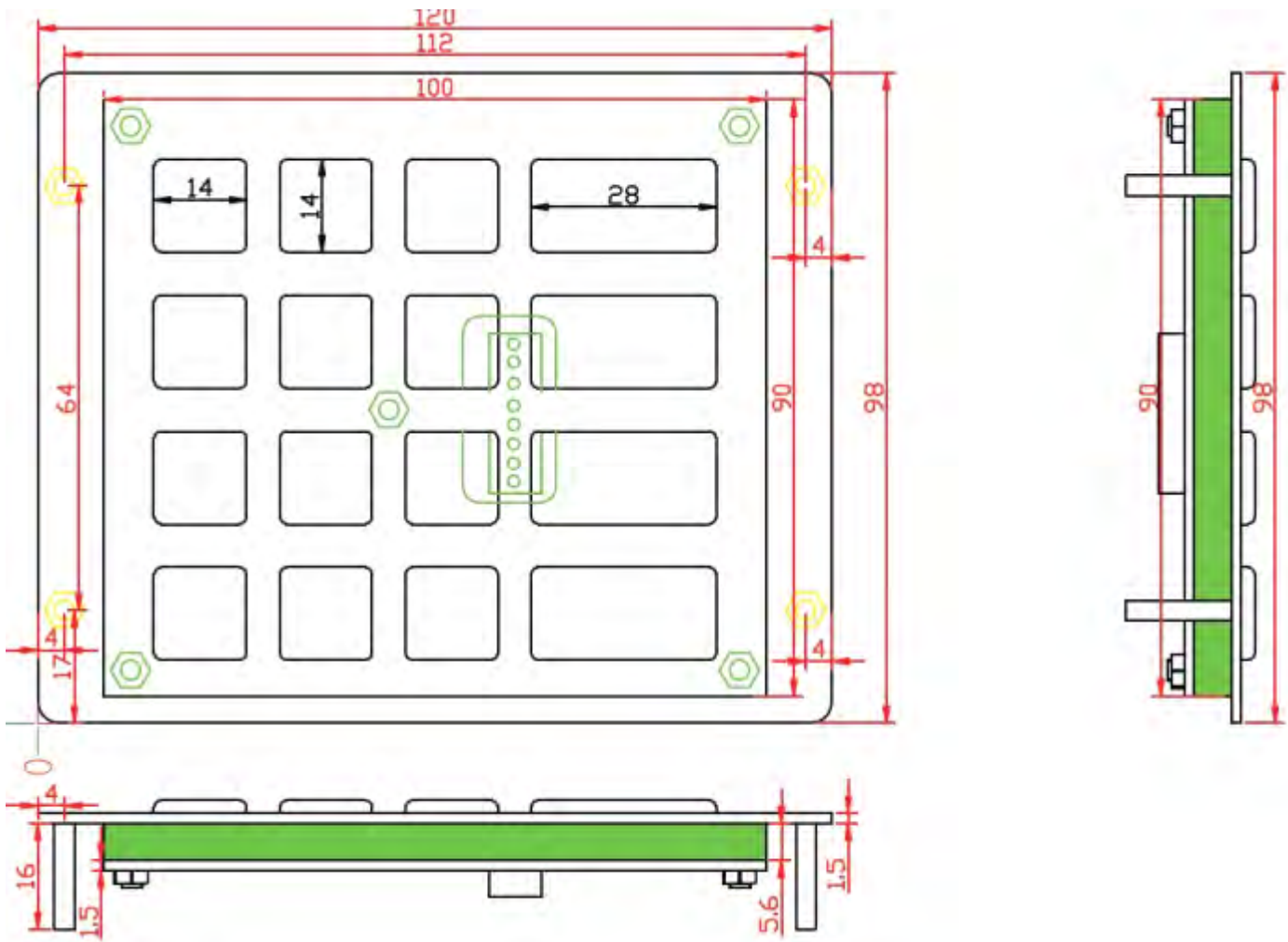
## RELIABILITY

- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK10
- Key Lifespan >5 million actuations .
- MTBF >50000H.
- MTTR <30min

# K-TEK-A120KP-AC

**DESCRIPTION:** 16 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with carbon-on-gold key switch technology for fast and accurate data input, top panel mounting. Backlight (red/blue/white/green) optional

**DIMENSIONS:** 120.0mm x 98.0mm (Front Panel)



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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With carbon-on-gold key contact with long stroke 2.0mm, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 16 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Carbon-on-Gold.
- Actuation Force: 0.6N +/-0.1N (pressure point).
- Key Travel: 2.0mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 120.0mm x 98.0mm (Front Panel)
- G.W.: 0.70 kgs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

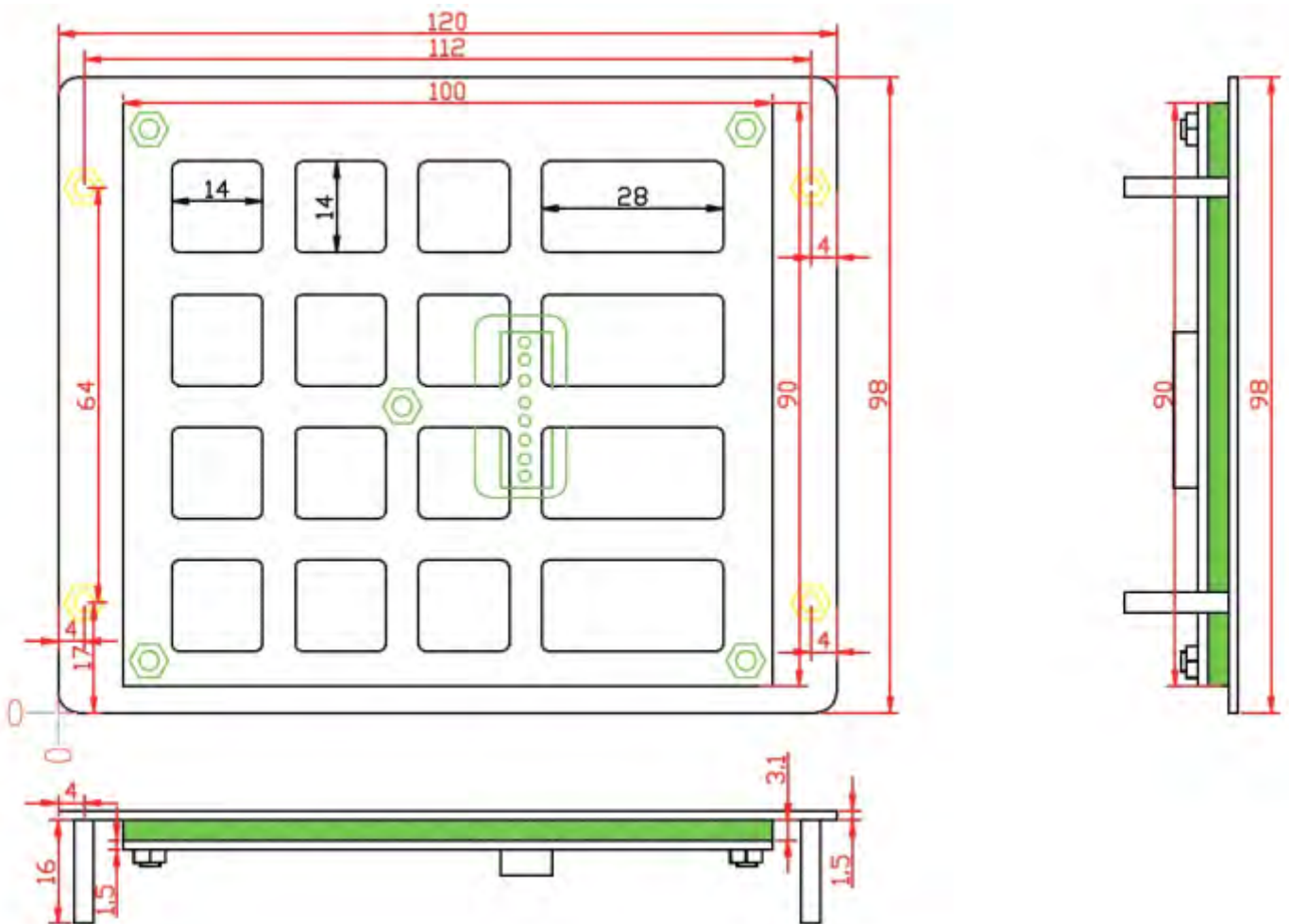
## RELIABILITY

- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK09
- Key Lifespan >10 million actuations.
- MTBF >50000H.
- MTTR <30min.

## K-TEK-B120KP-AC

**DESCRIPTION:** 16 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with tactile feeling, top stainless steel panel mounting..

**DIMENSIONS:** 120.0mm x 98.0mm (Front Panel)



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## MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available.
- With firm tactile key feel, short travel switches, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, or USB, RS232, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: Windows95/98/NT/ME/2000/2003/XP/Vista/WIN7, Linux, Unix, Mac OSX**

## COMMUNICATION PARAMETER

- USB, PS2 or RS232 are all available.
- 16 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., Exit, P-Up, P-Down, Enter, Clear, 4 x 4 scanning code. Any keys can be re-defined per customers' requirements.

## MECHANICAL DATA

- Switching material: Gold-on-Gold.
- Actuation Force: 2.0+/-0.1N (pressure point).
- Key Travel: 0.45mm.
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel.
- Actuator/keys materials: stainless steel.
- Dimensions: 120.0mm x 98.0mm (Front Panel)
- G.W.: 0.70 kgs.

## ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation.
- Electrical lifetime: > 5 years.
- EMC:EN55022(B).
- Communication interface: PS2, USB or RS232 are all available.

## ENVIRONMENTAL ADAPTABILITY

- Operating temperature:-20°C to +60°C.
- Storage temperature: -30°C to +70°C.
- Operating RH: 30-90%.
- Atmospheric pressure: 60-106Kpa.

## RELIABILITY

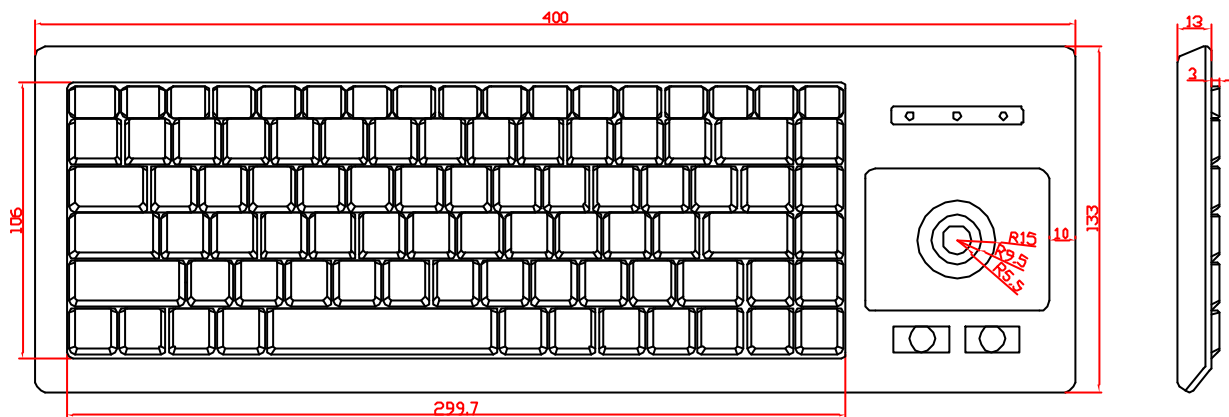
- RoHS Compliant, CE and FCC,ESD
- Protection Level: IP65(front panel)
- Vandal resistant IK10
- Key Lifespan >5 million actuations .
- MTBF >50000H.
- MTTR <30min

# STAND ALONE DESKTOP SPECIAL PLASTIC KEYBOARD

## K-TEK-C400TB-FN-DT

**DESCRIPTION:** 88 keys super slim stand alone desk top plastic keyboard with MINI plastic trackball with 11.0mm for easy operation, both USB & PS2 are available.

**DIMENSIONS:** 400.0mm x 133.0mm x 13.0mm (L x W x H)



### MAIN FEATURE:

- Super slim keyboard design, laser printed keys
- Comfortable and soft-touch typing
- Membrane key switch, noise free
- Multiple language versions available
- 12 function keys
- Within mouse with 11.0mm Plastic trackball
- Dimensions: 400.0mm x 133.0mm x 13.0mm

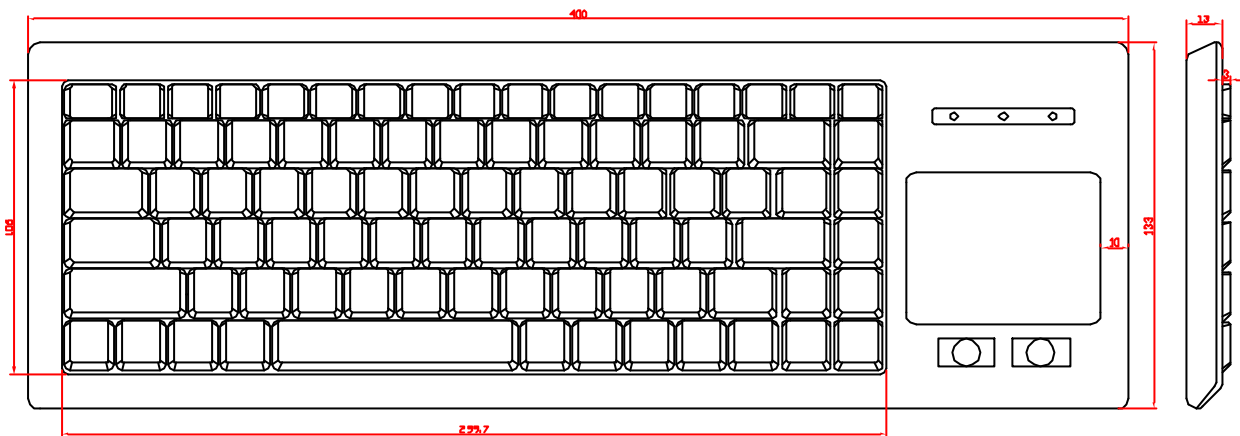
### PERFORMANCE PARAMETER:

- 89 keys
- 11.0mm diameter plastic trackball
- Key switch elasticity: 55+7g
- Keystroke lifetime: over 10 million times
- Keystroke pulling power:  $\geq 1.5$  Kg
- Operating temperature:  $-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$
- Working humidity: 10%~90%
- Connector: PS/2, USB
- OS: DOS/Windows95/98/NT/ME/2000/2003/XP, Linux, Unix.

# K-TEK-C400TP-FN-DT

**DESCRIPTION:** 88 keys super slim stand alone desk top plastic keyboard with 12 function keys and integrated ruggedized touchpad with scroll function optional, both USB & PS2 are available

**DIMENSIONS:** 400.0mm x 133.0mm x 13.0mm (L x W x H)



## MAIN FEATURE

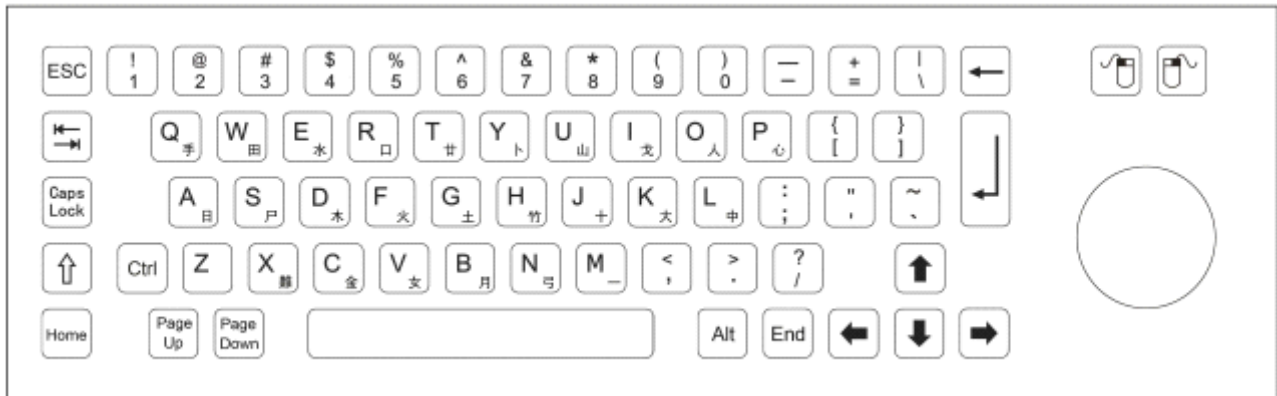
- Super slim keyboard design, laser printed keys
- Comfortable and soft-touch typing
- Membrane key switch, noise free
- Multiple language versions available
- 12 function keys
- Integrated ruggedized touchpad
- Dimensions: 400.0mm x 133.0mm x 13.0mm

## Performance Parameter

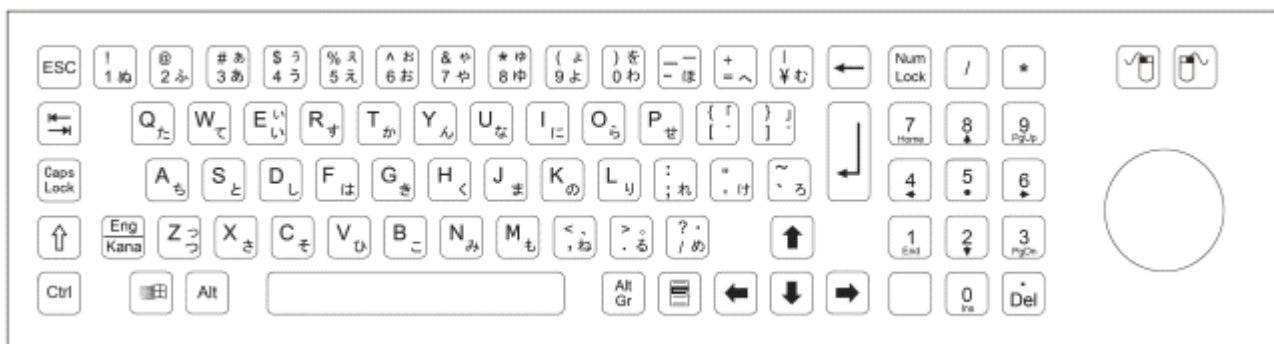
- 89 keys
- Key switch elasticity: 55+7g
- Keystroke lifetime: over 10 million times
- Keystroke pulling power:  $\geq 1.5$  Kg
- Operating temperature:  $-10^{\circ}\text{C}\sim 45^{\circ}\text{C}$
- Working humidity: 10%~90%
- Connector: PS/2, USB
- OS: Windows95/98/NT/ME/2000/2003/XP/Linux, Unix



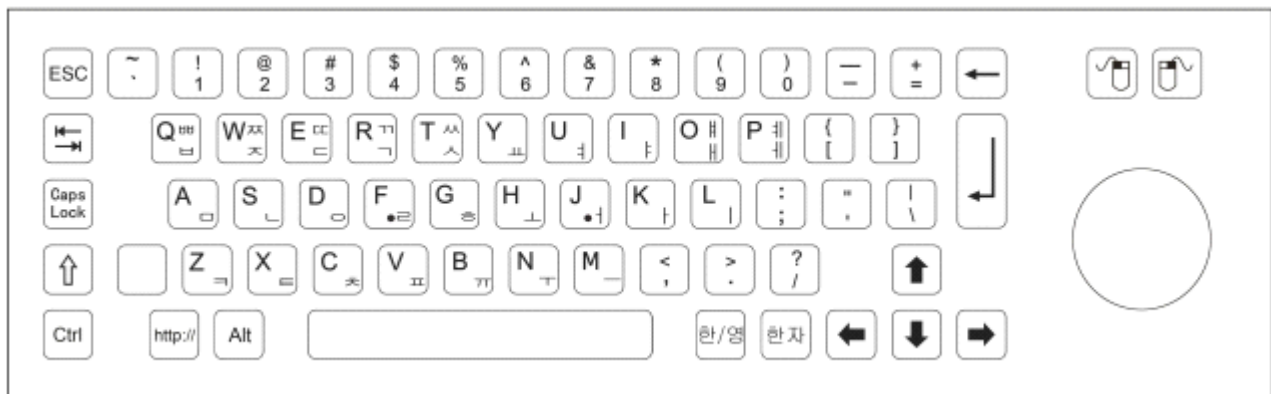
# APPENDIX 1-Standard and Customized Keyboard Layouts



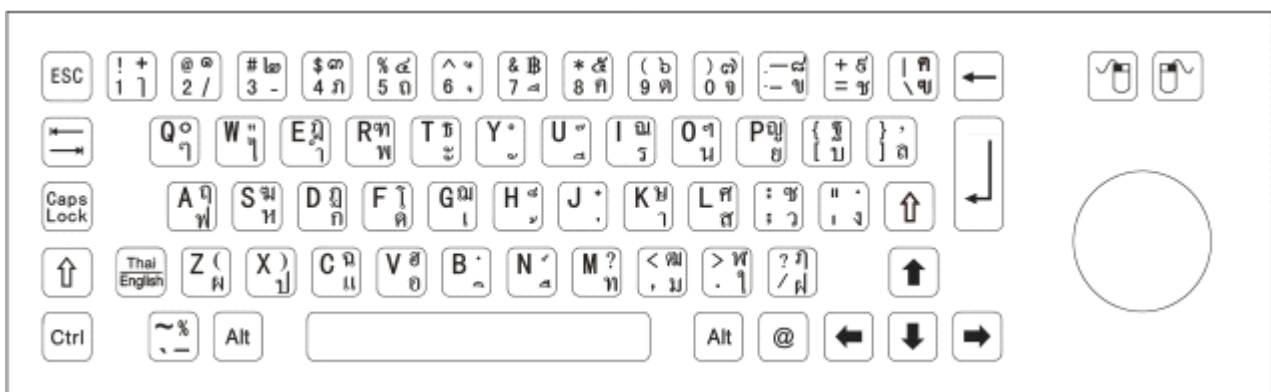
Chinese-English



Japanese



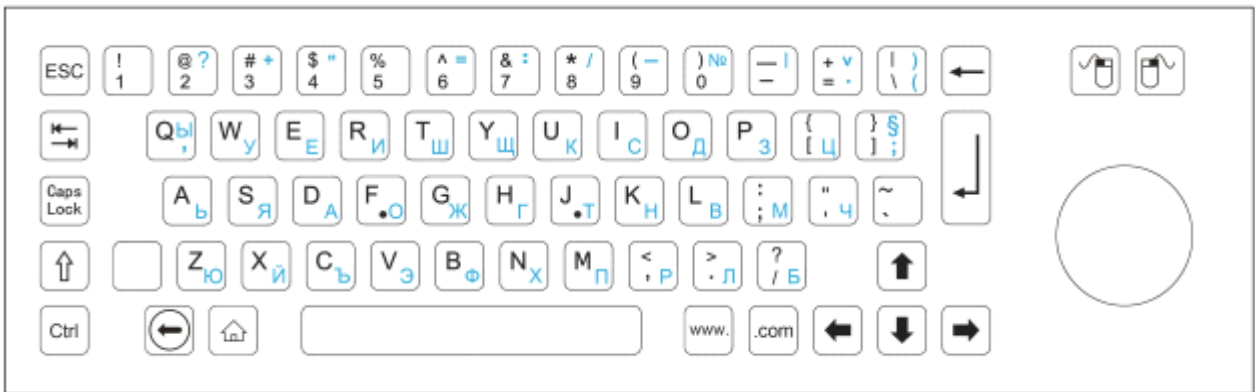
Korean



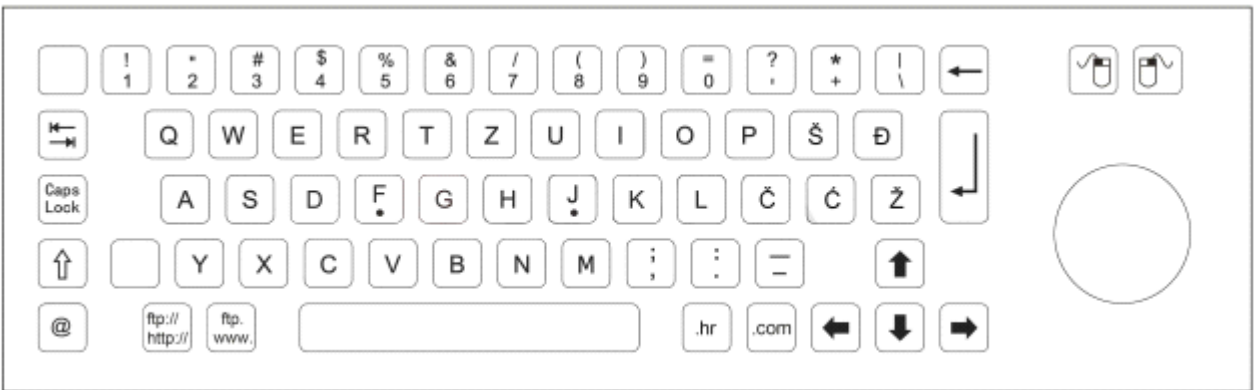
Thai



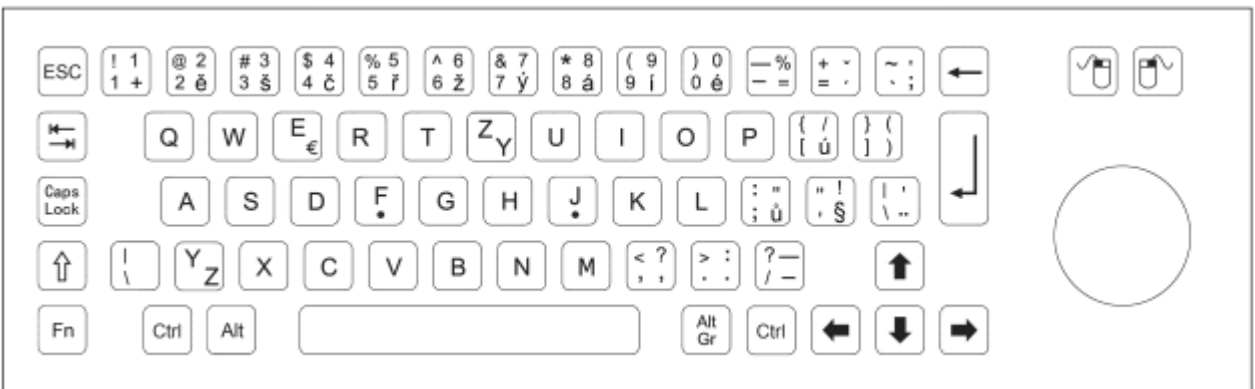
**Azerbaijan**



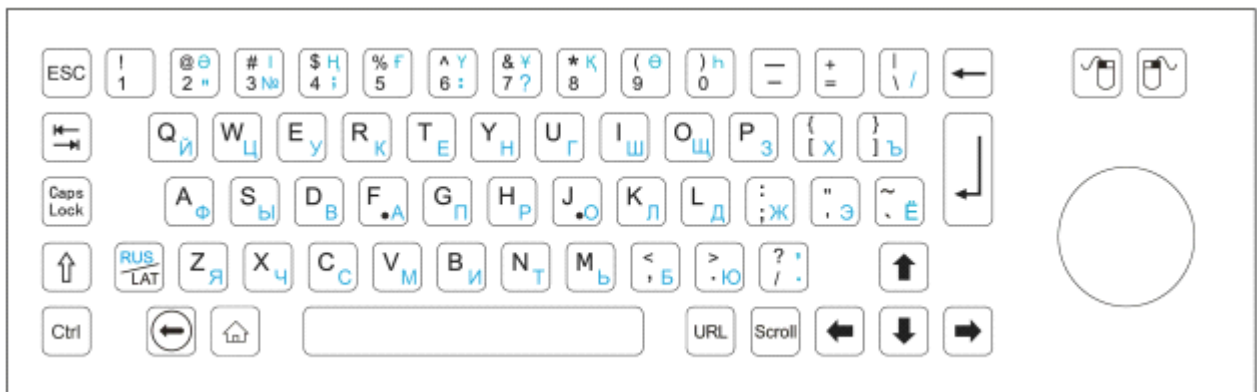
**Bulgarian**



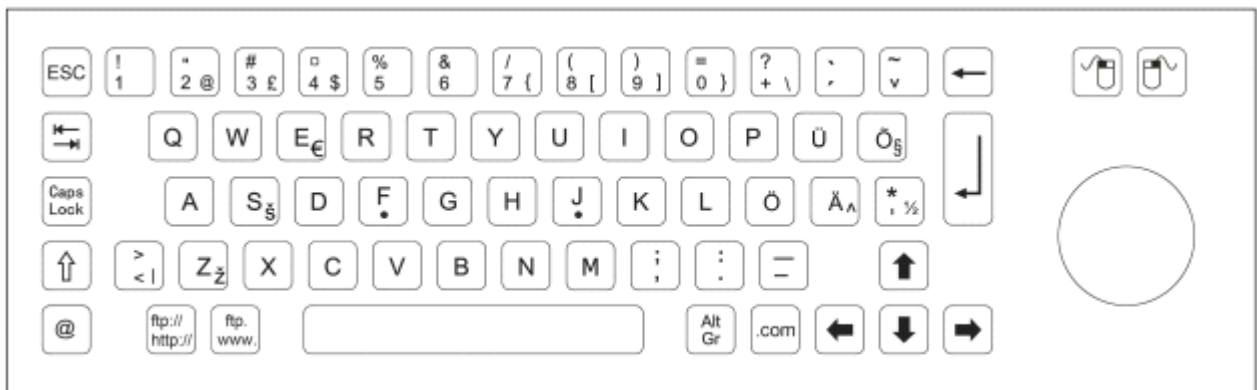
**Croatian**



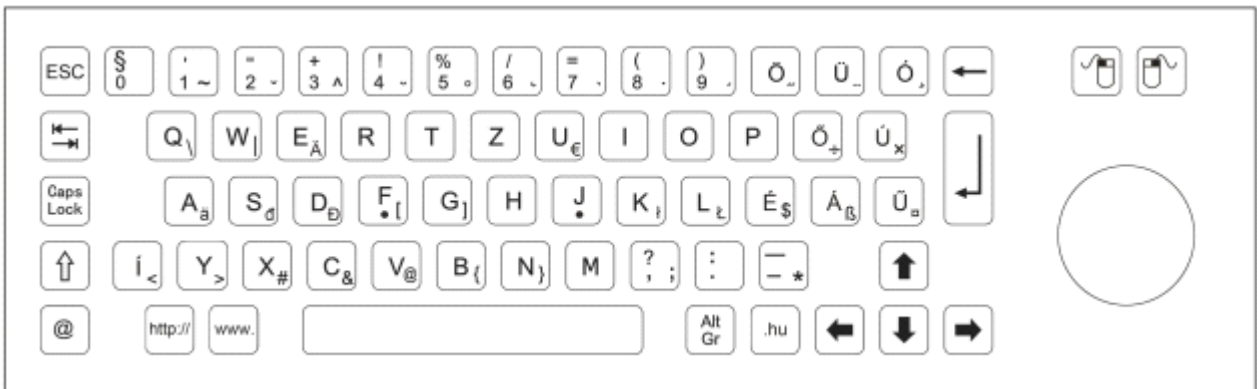
**Czech**



**Kazakh**



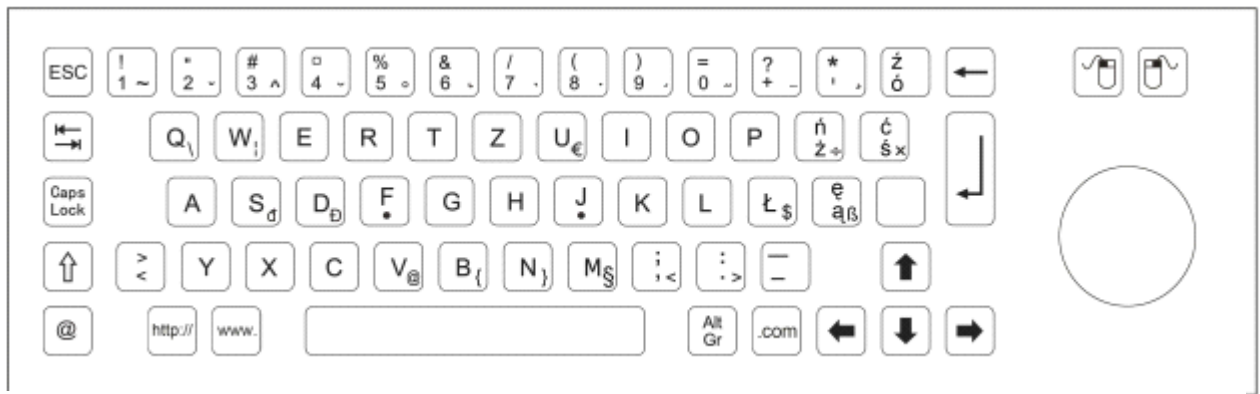
**Estonian**



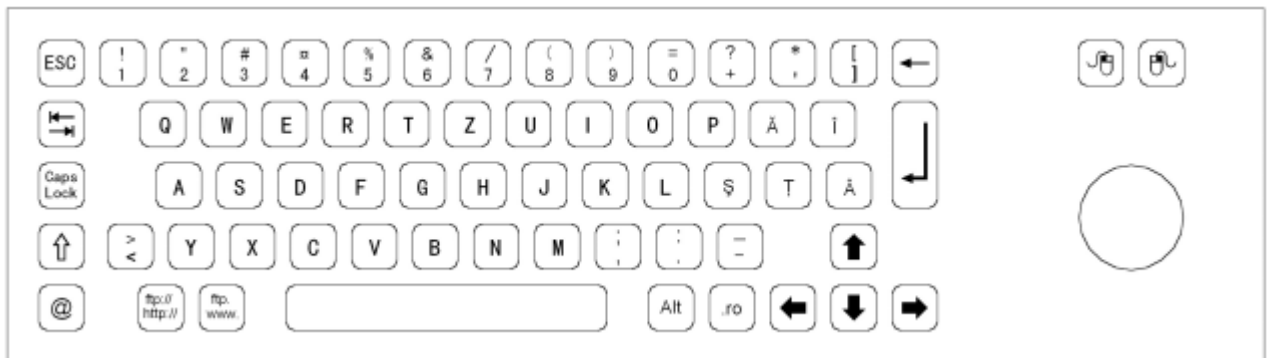
**Hungarian**



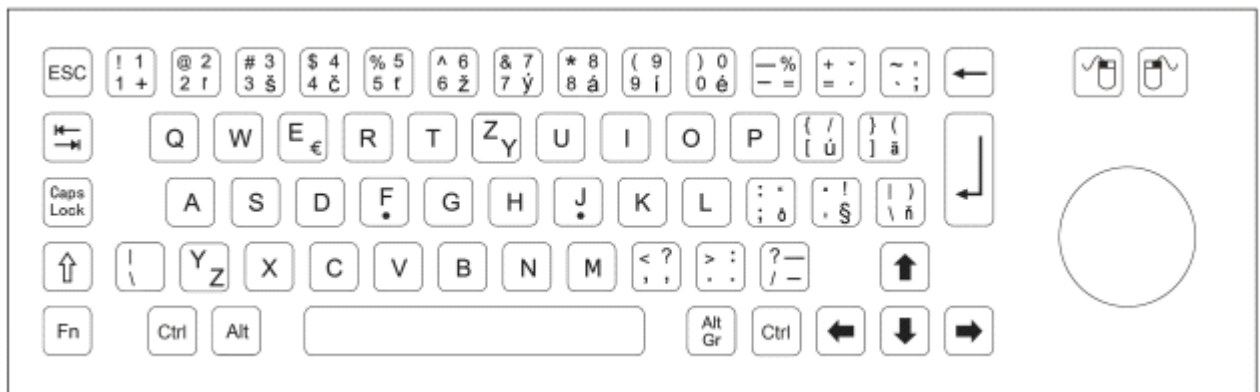
**Latvian**



**Polish**



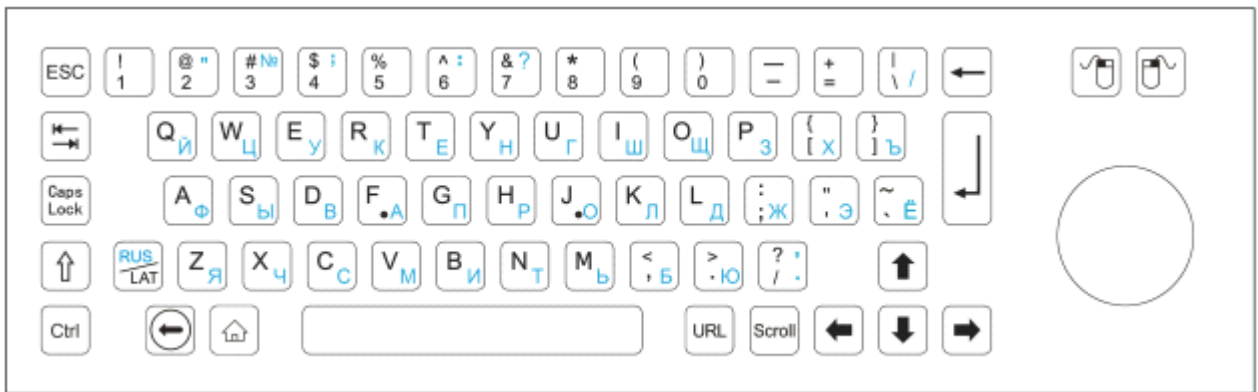
**Romanian**



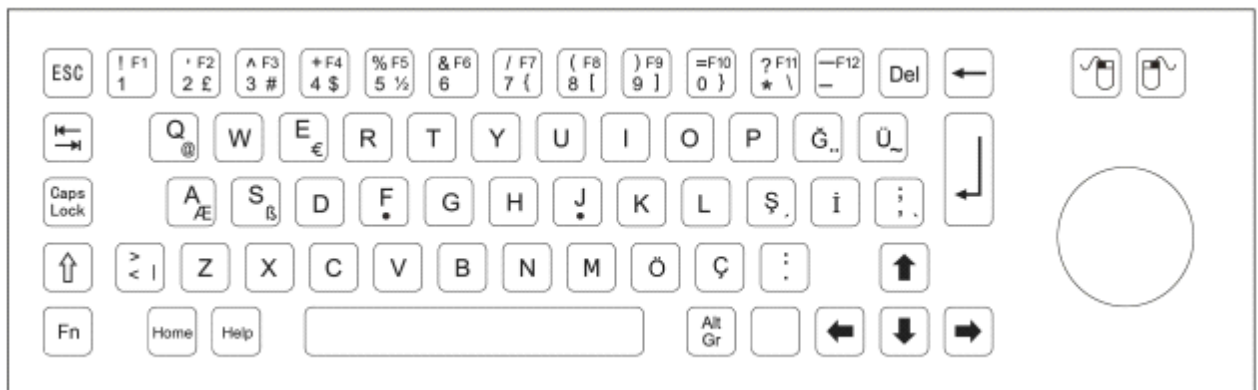
**Slovakia**



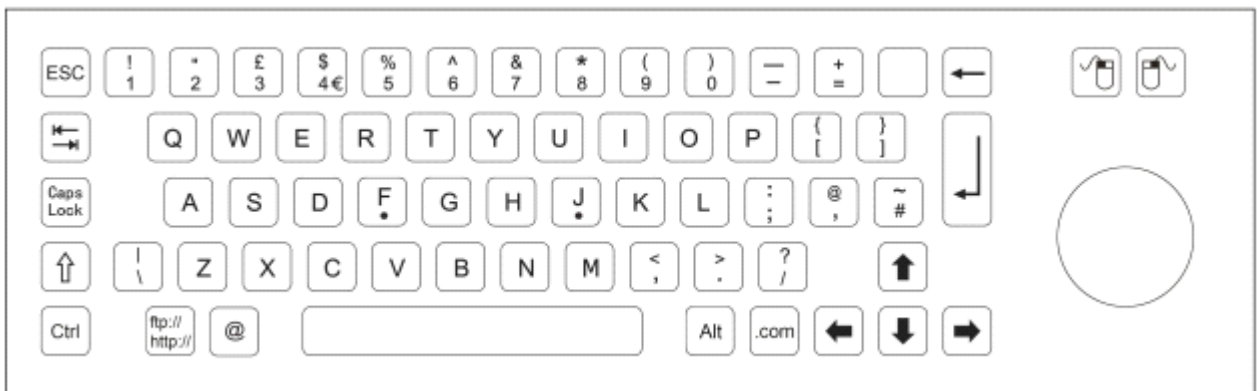
**Slovenia**



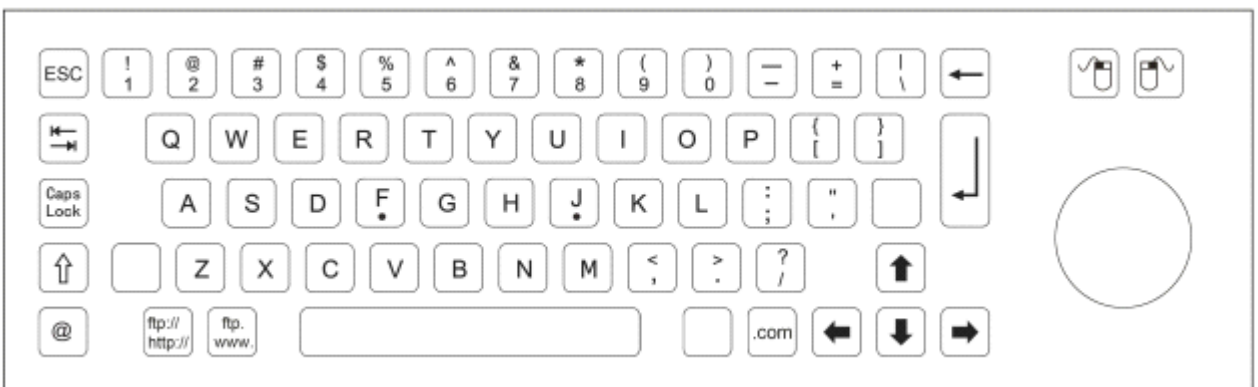
**Russian**



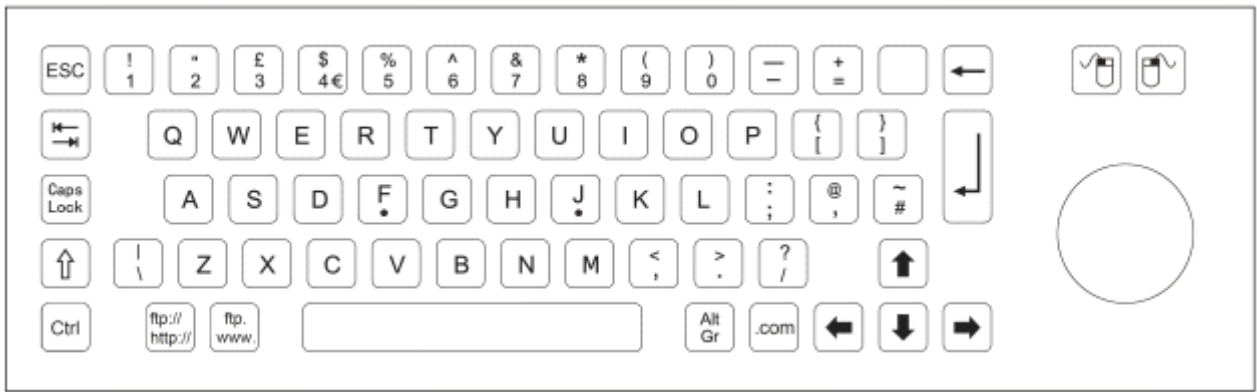
**Turkish**



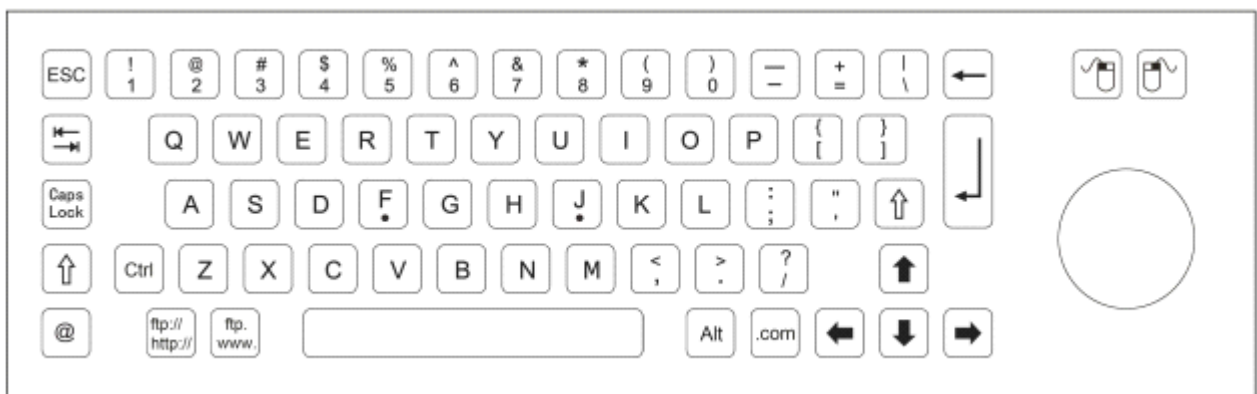
**UK English**



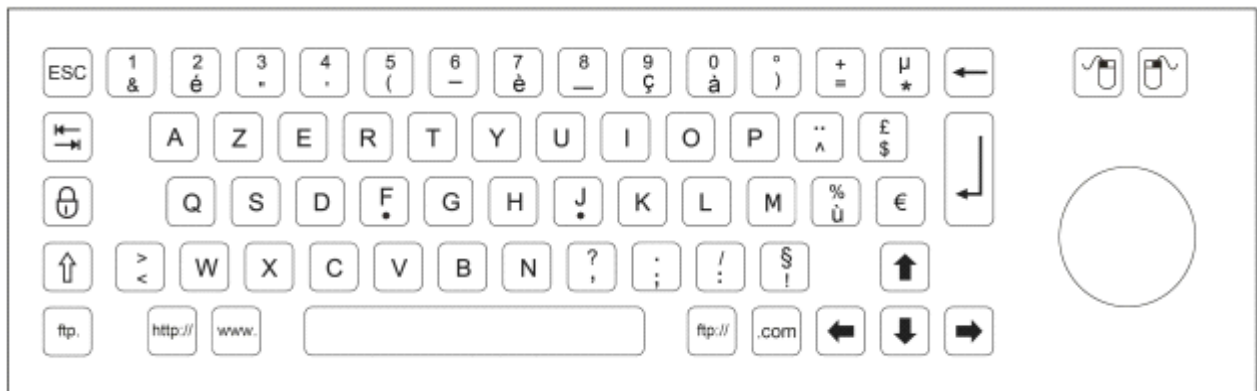
**US English**



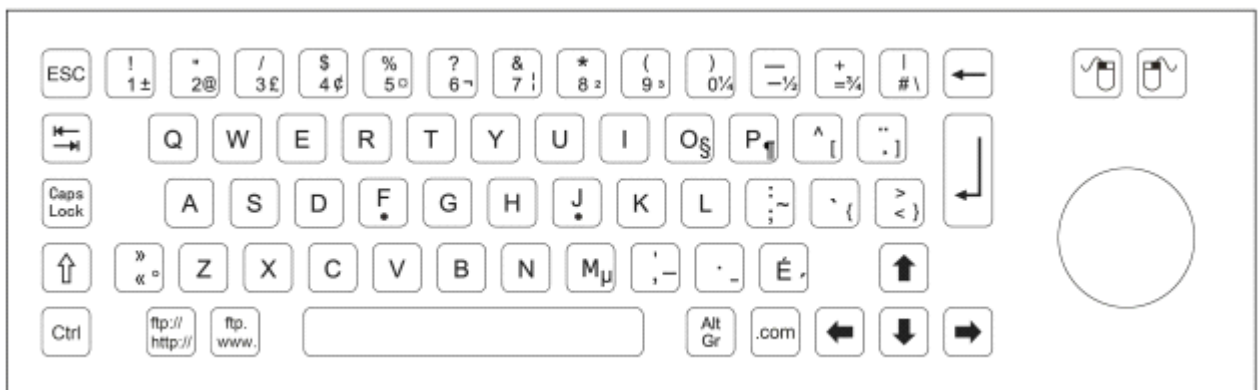
**Ireland English**



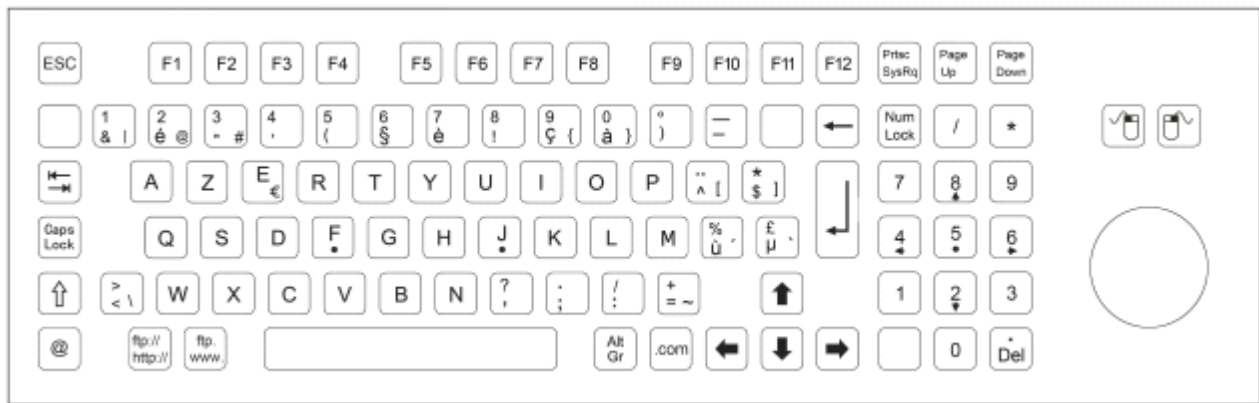
**South African English**



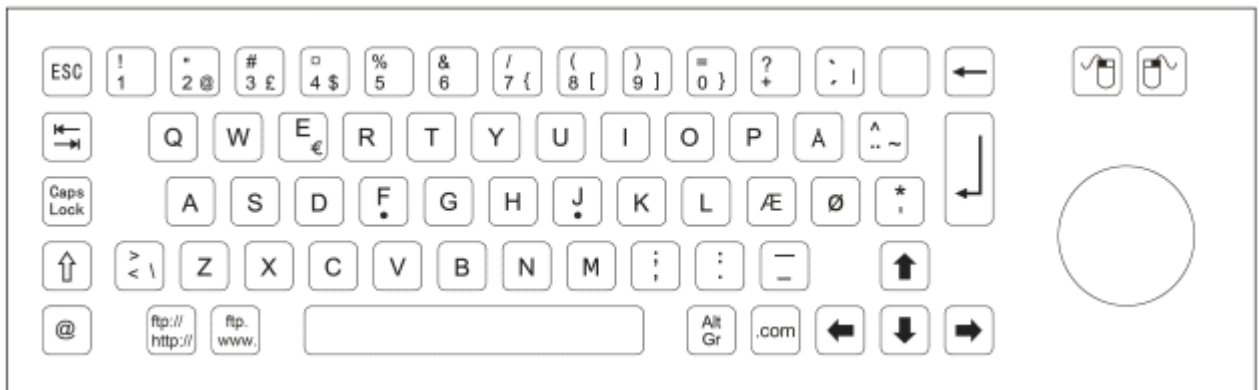
**French**



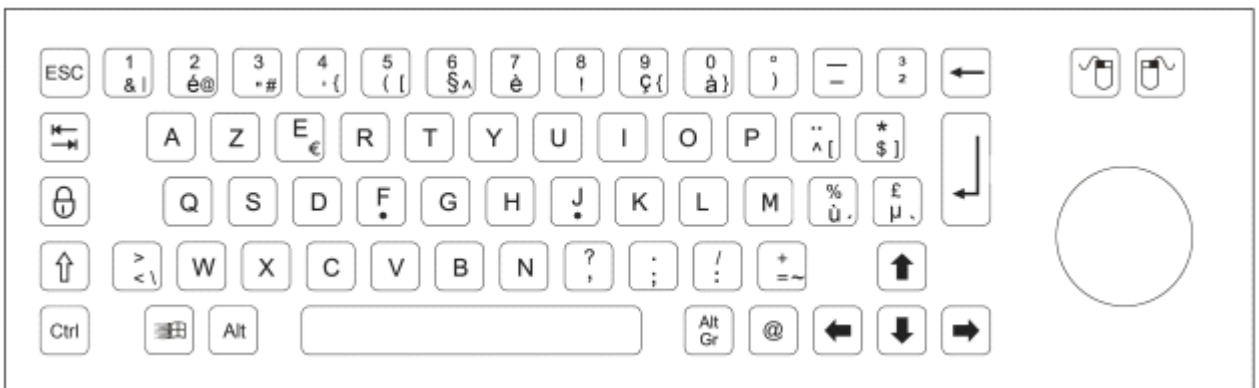
**Canadian French**



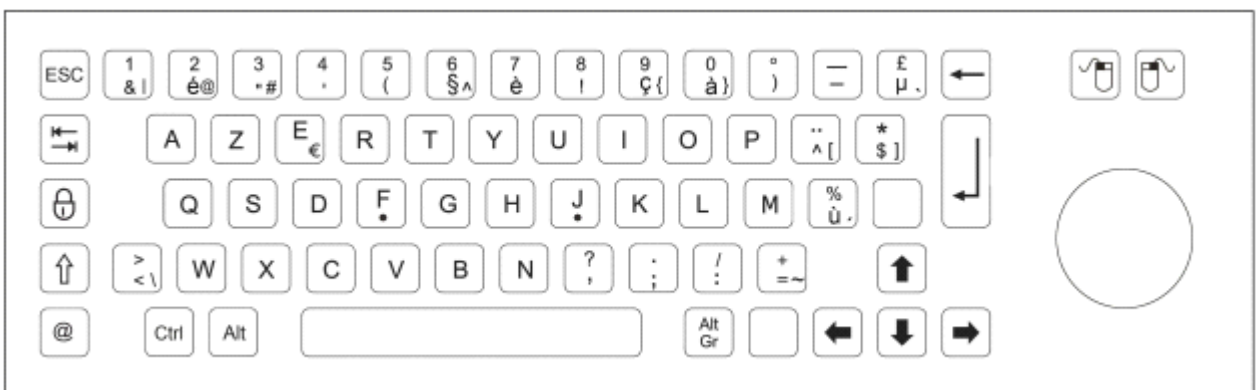
**Belgium**



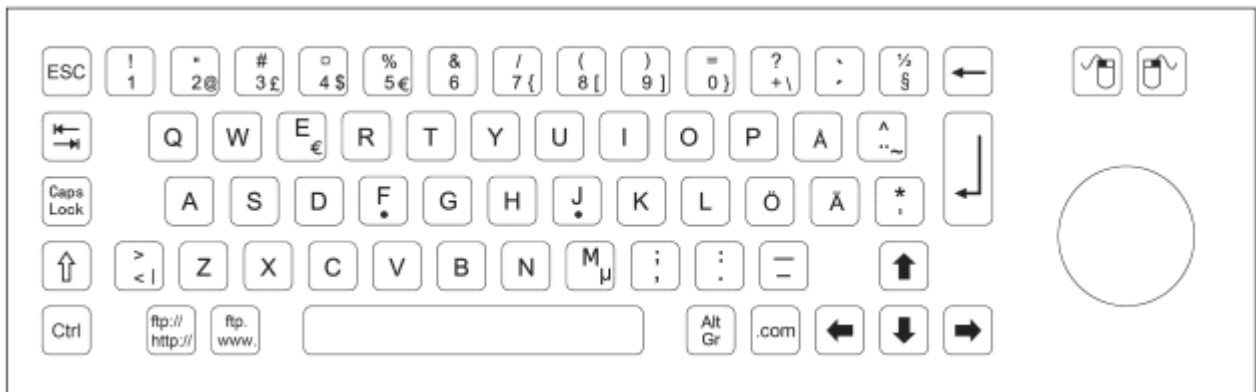
**Danish**



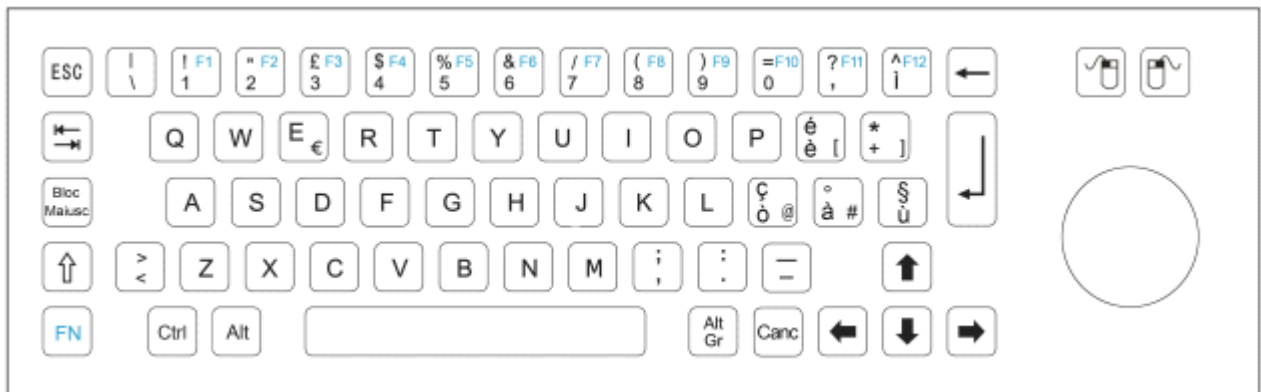
**Belgium Dutch**



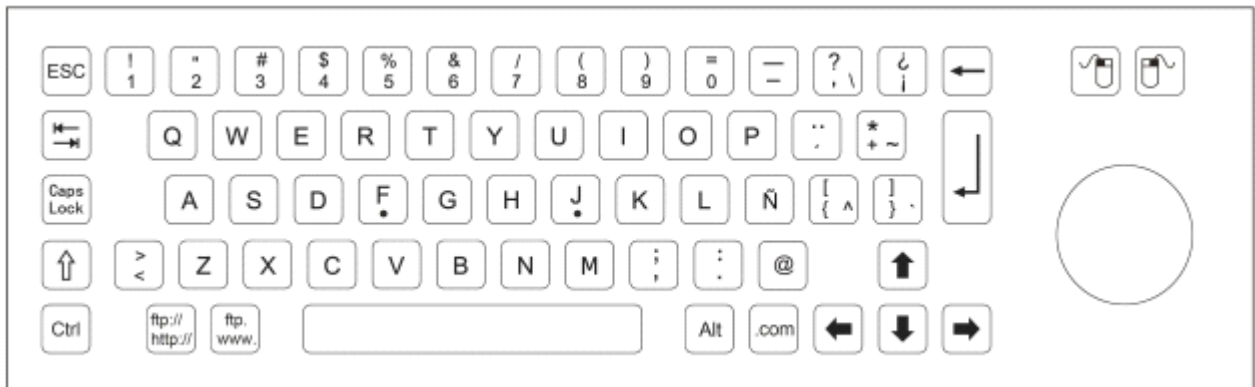
**Dutch**



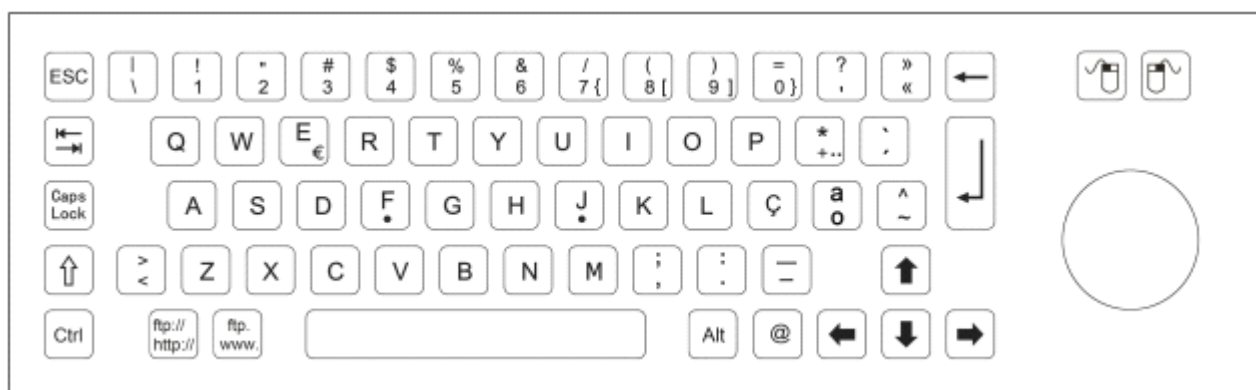
**Finnish**



**Italian**

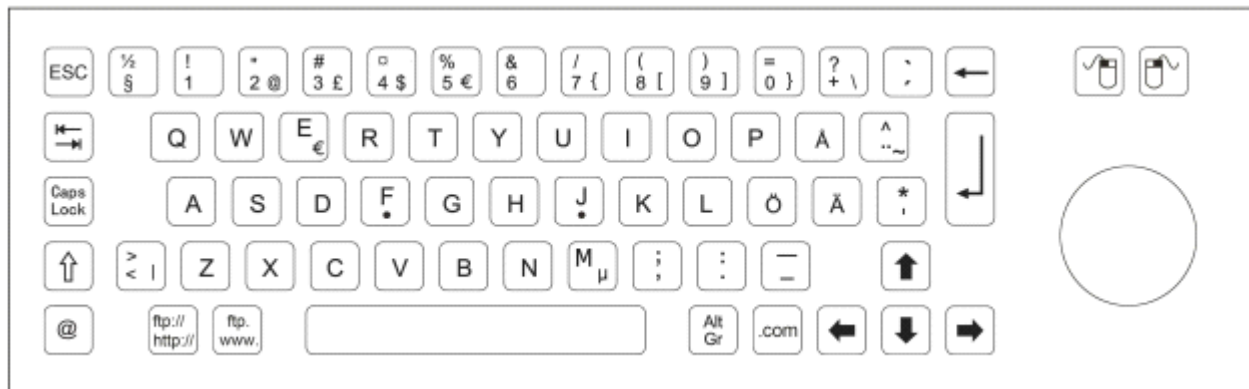


**Spanish**

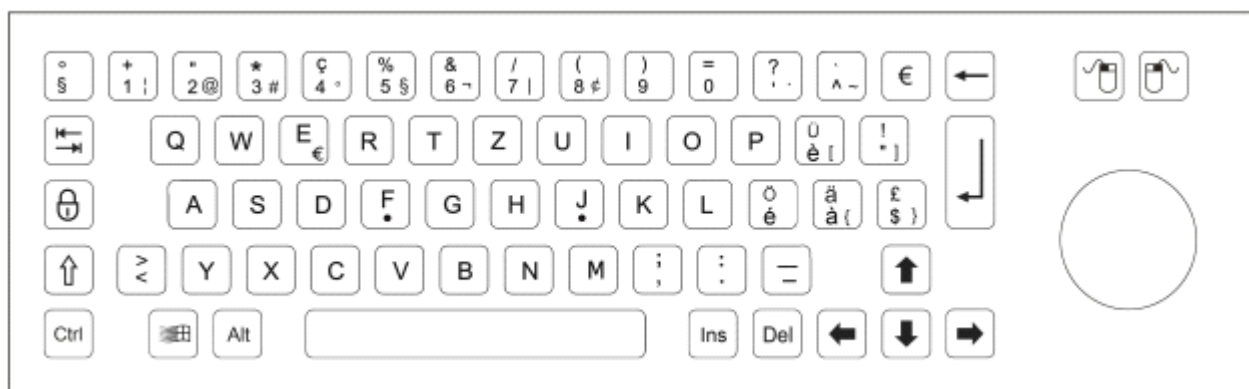


**Portuguese**

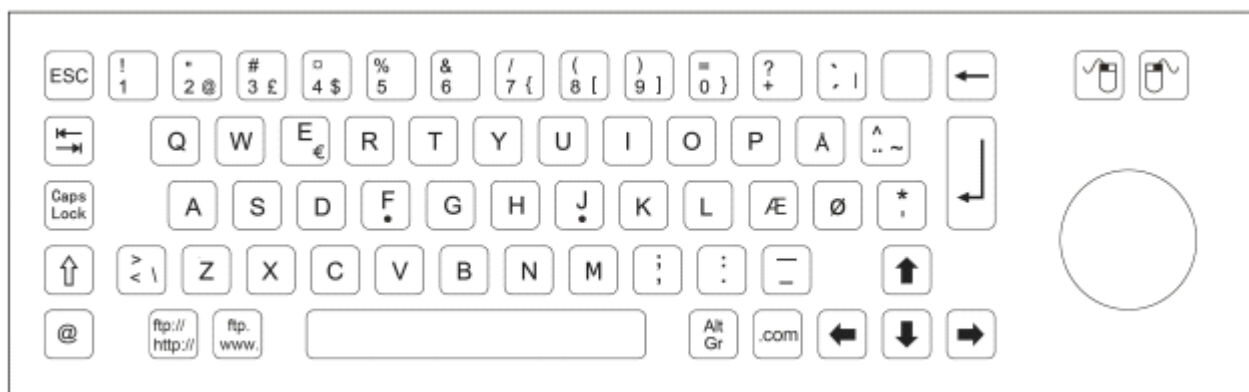




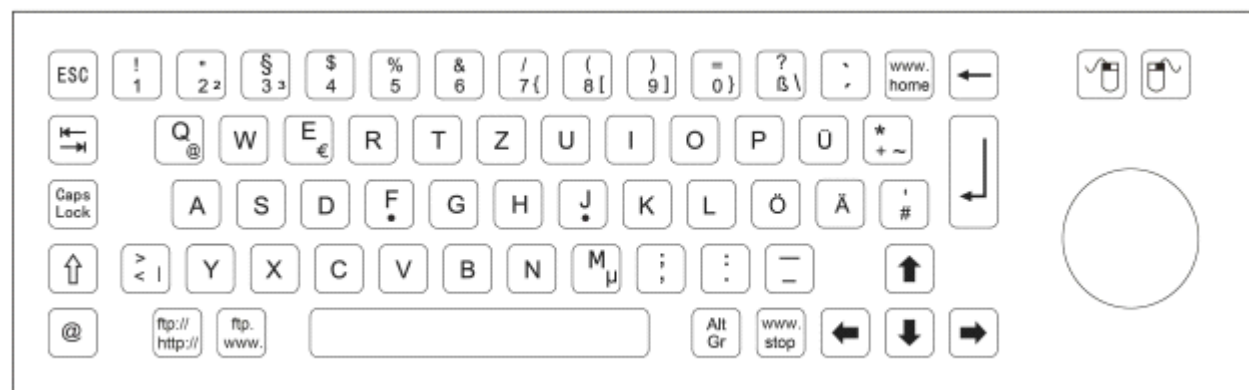
**Swedish**



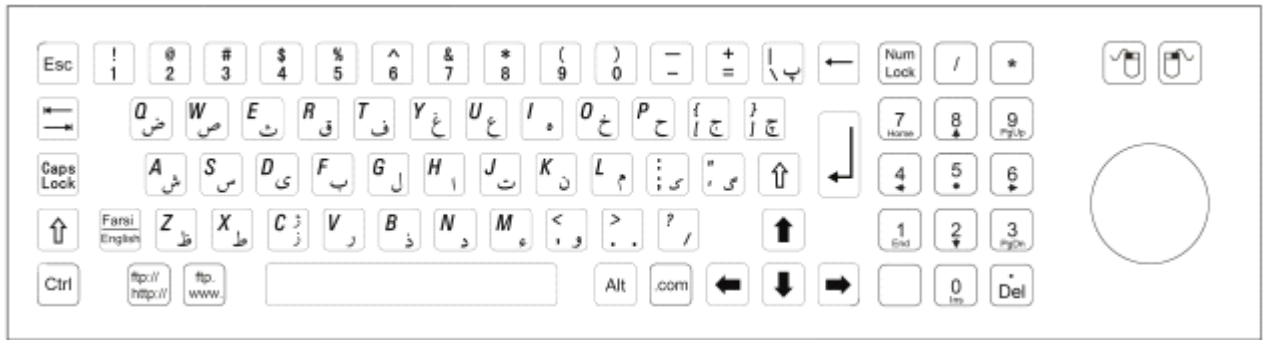
**Swiss-French**



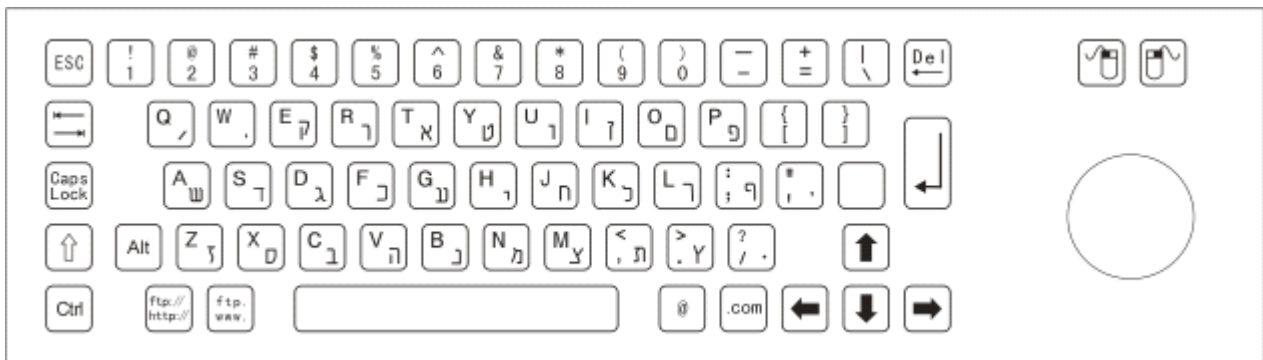
**Norwegian**



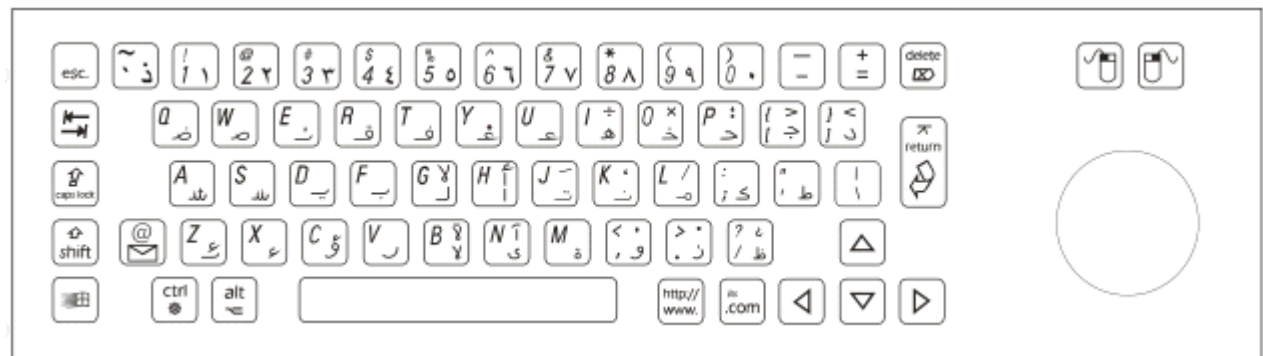
**German**



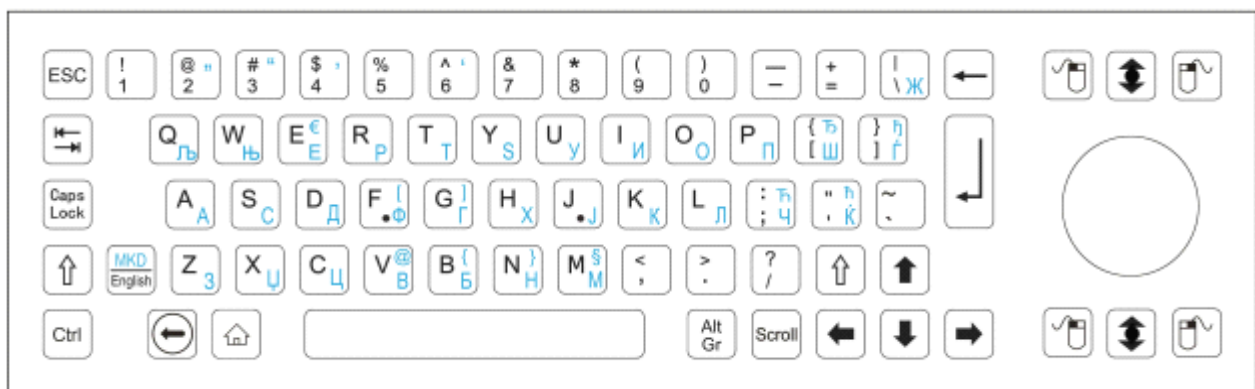
**Farsi**



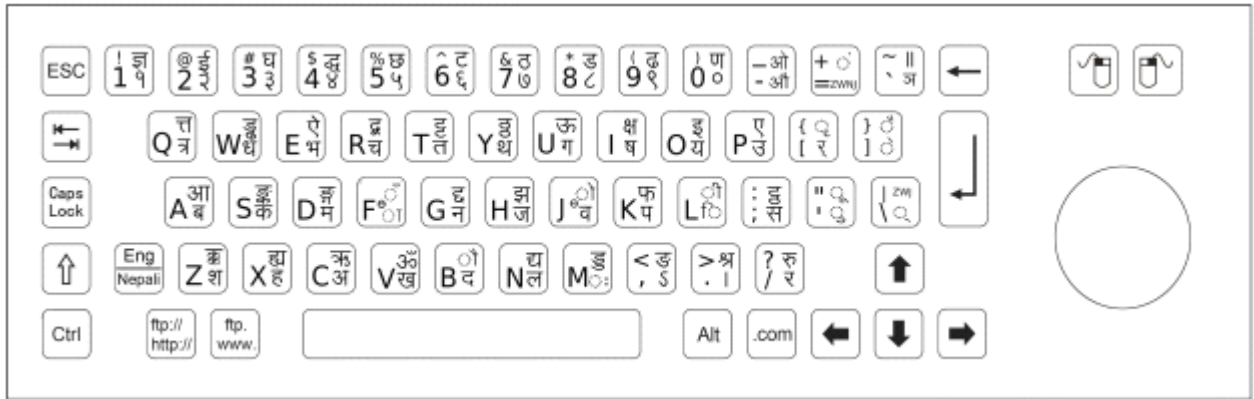
**Hebrew**



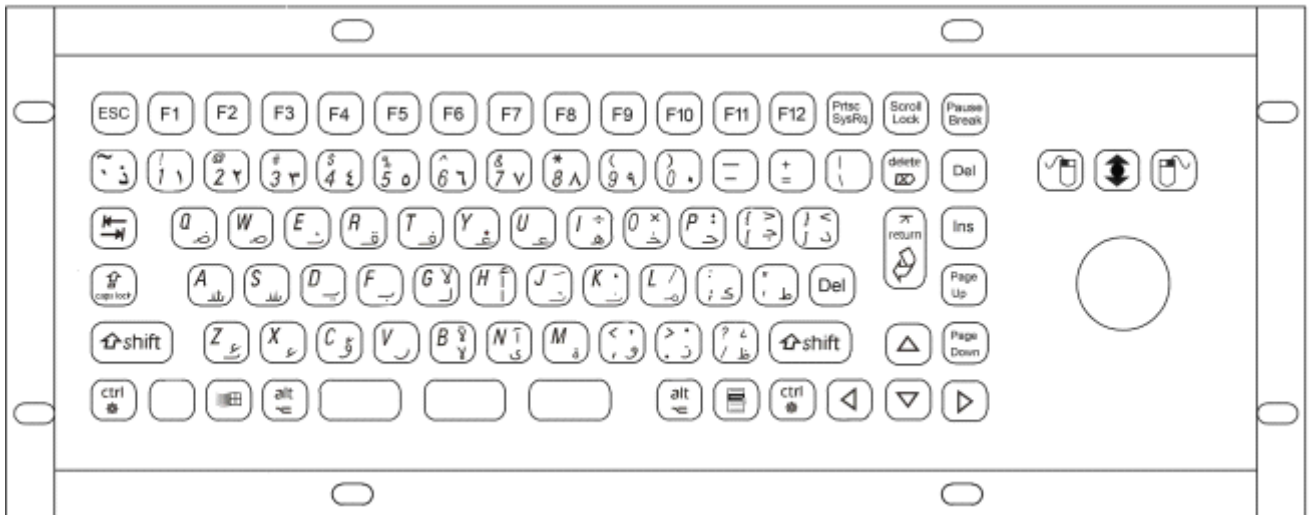
**Arabic**



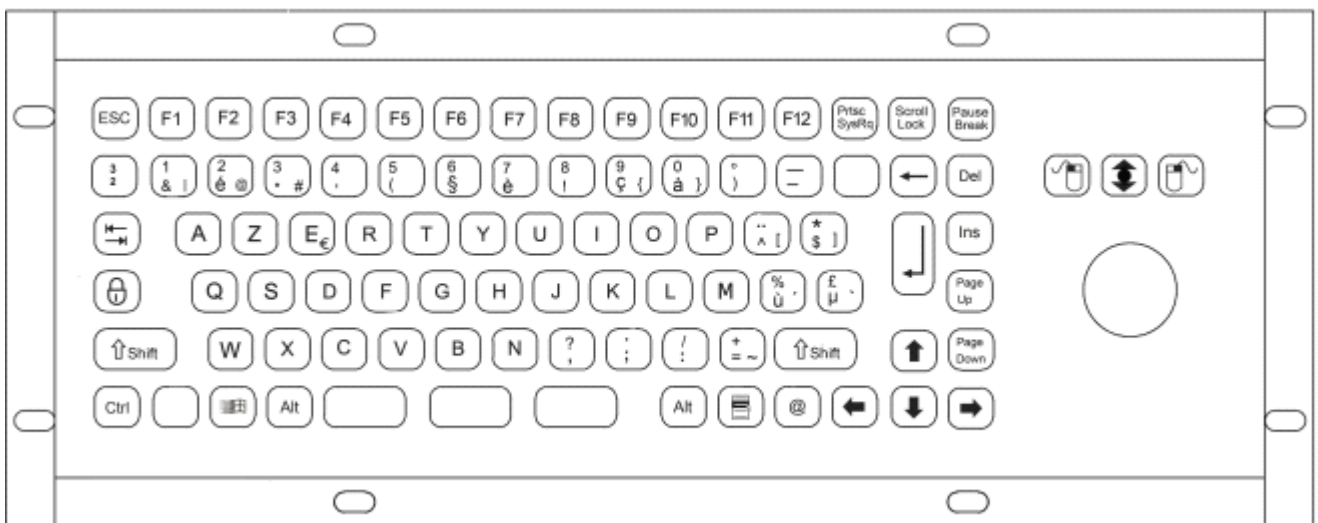
**Fyro-Macedonian-layout**



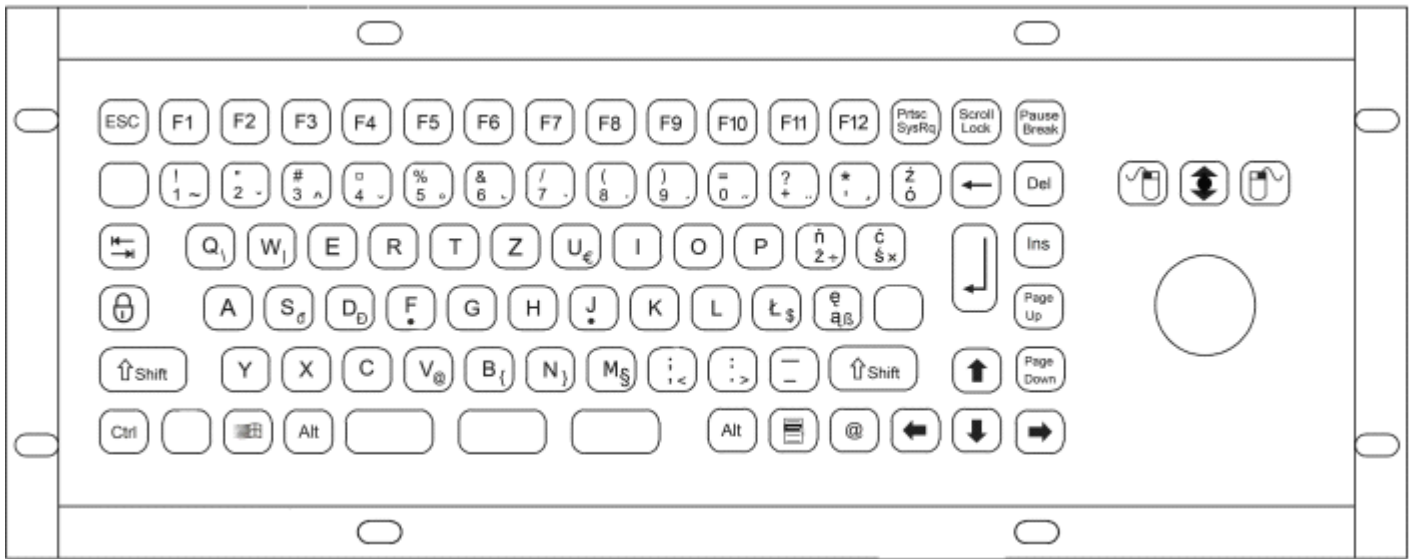
**Nepali**



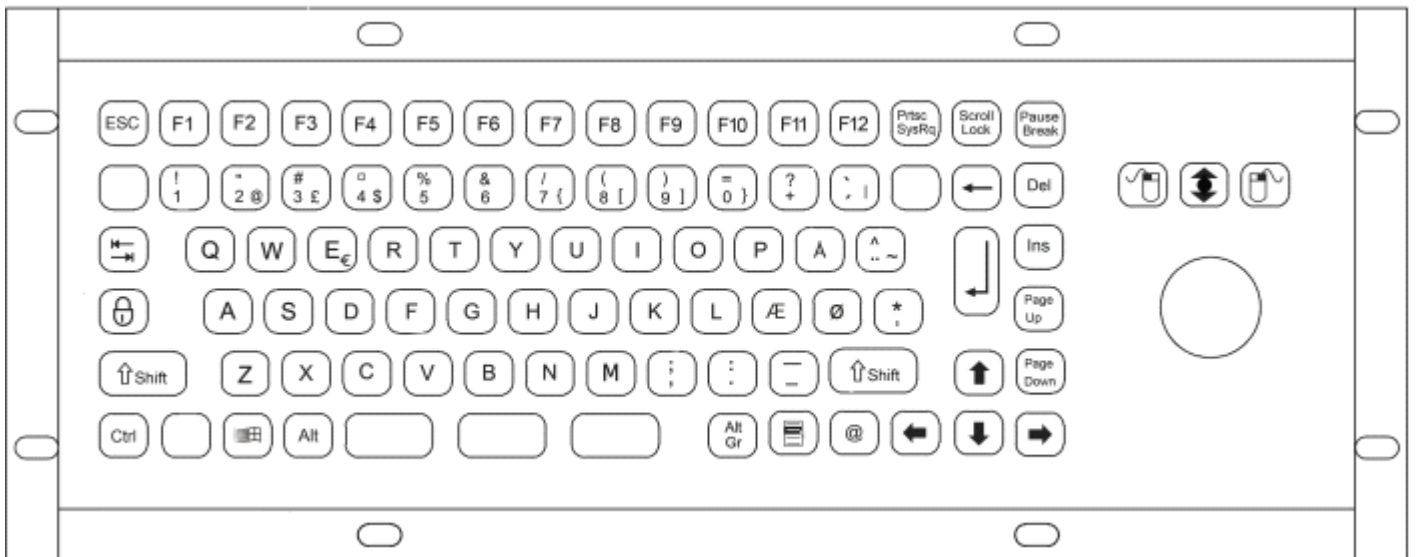
**ARBIC**



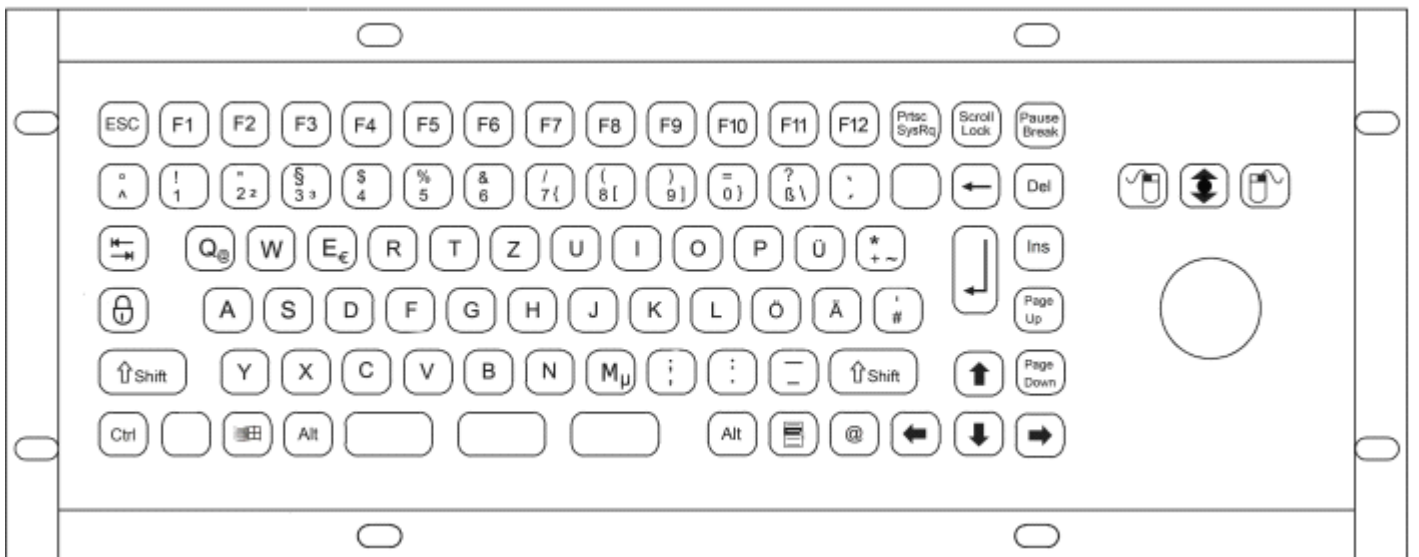
**BELGIUM**



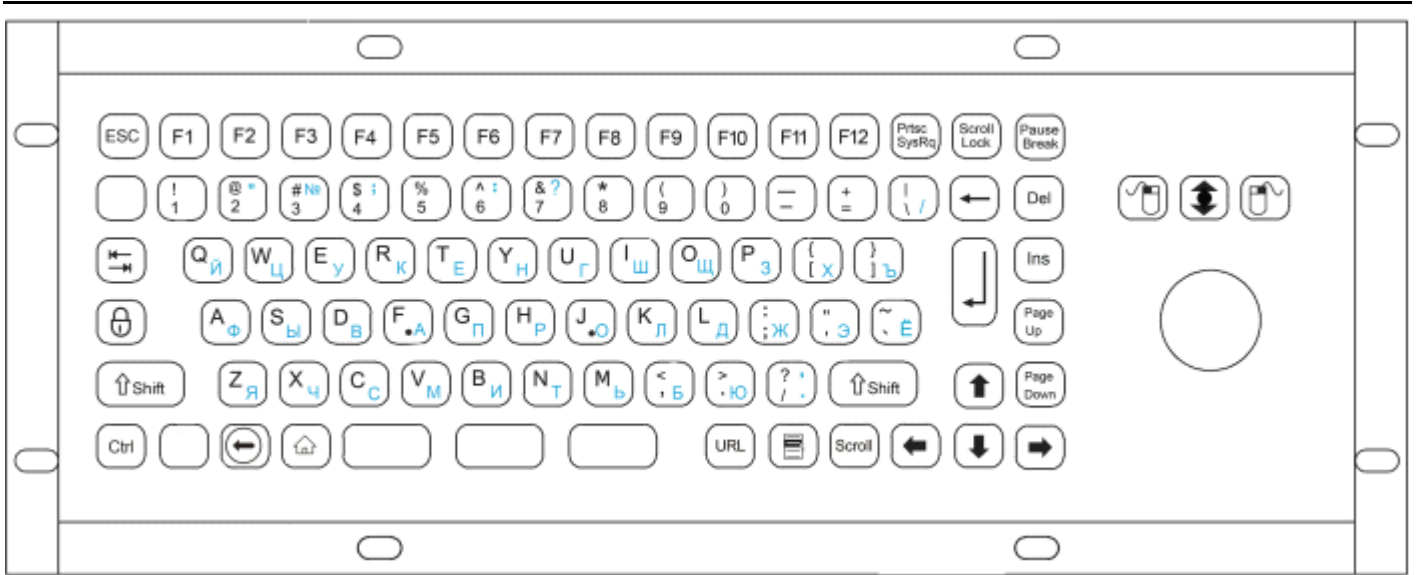
**POLAND**



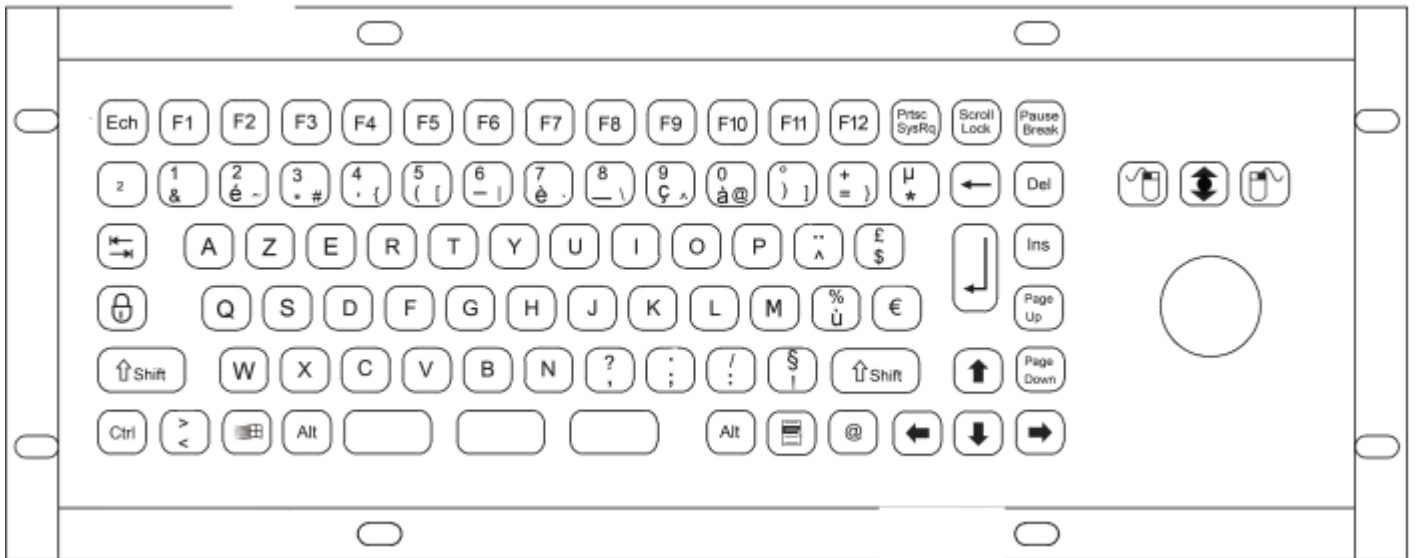
**DENMARK**



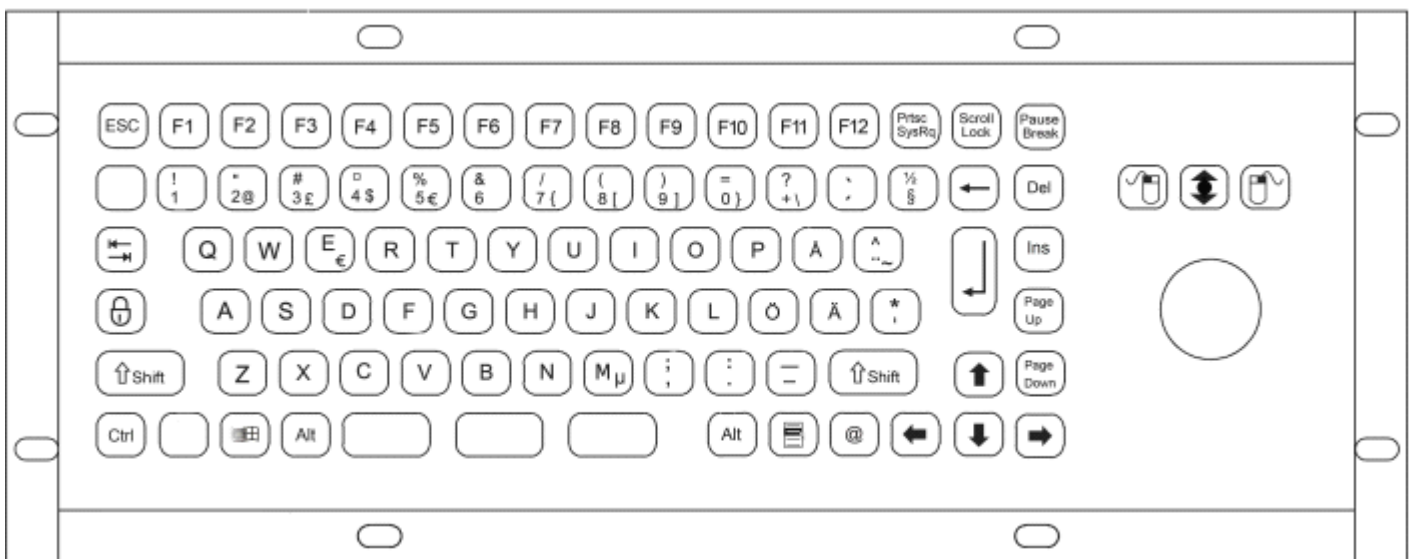
**GERMANY**



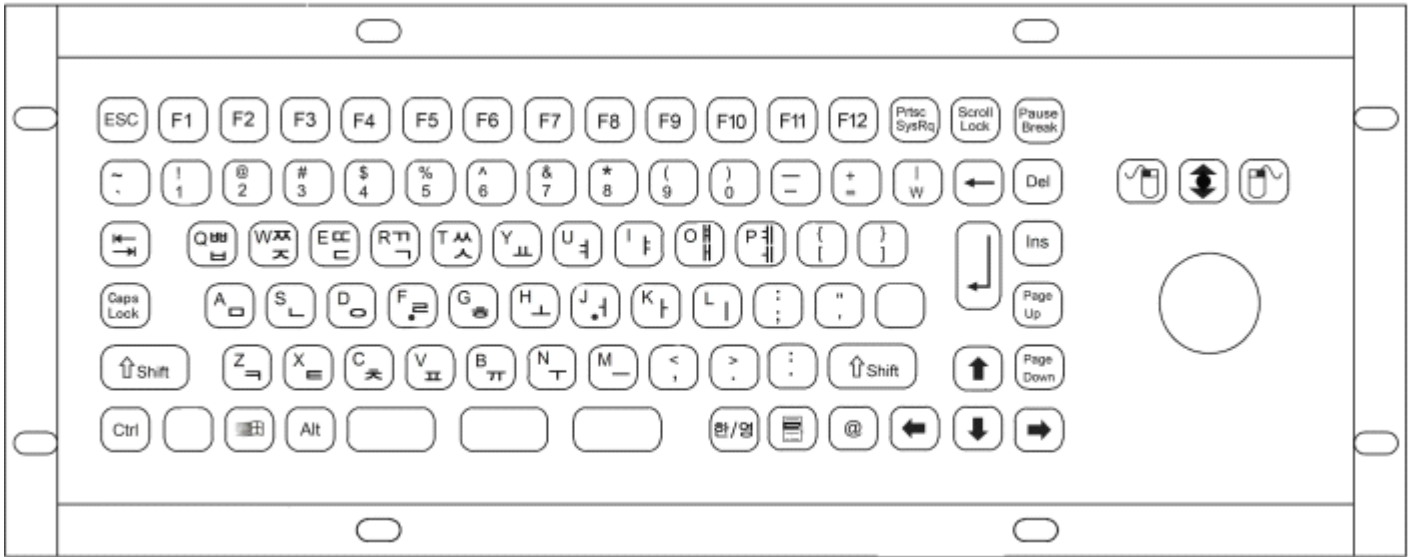
**RUSSIAN**



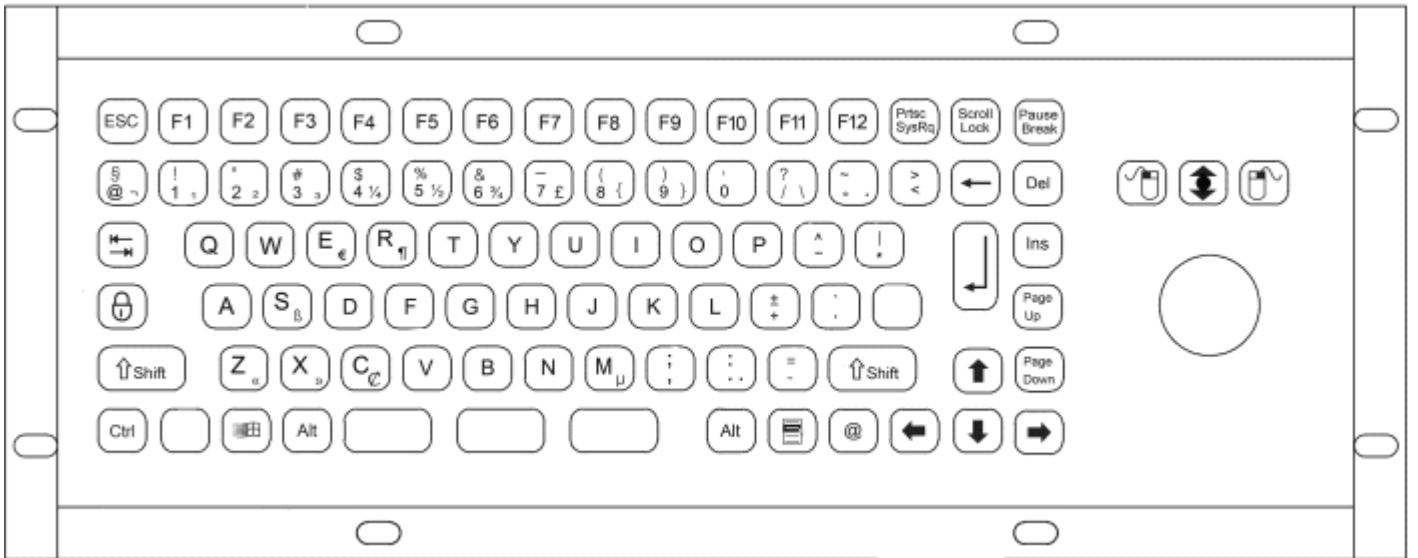
**FRANCH**



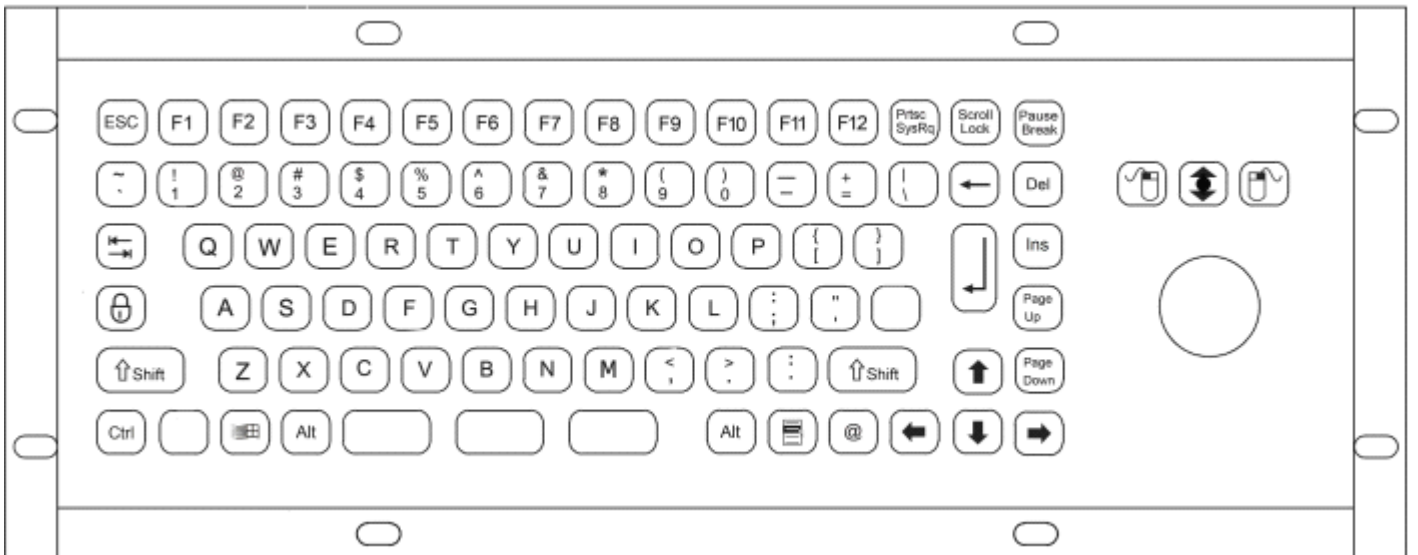
**FINNISH**



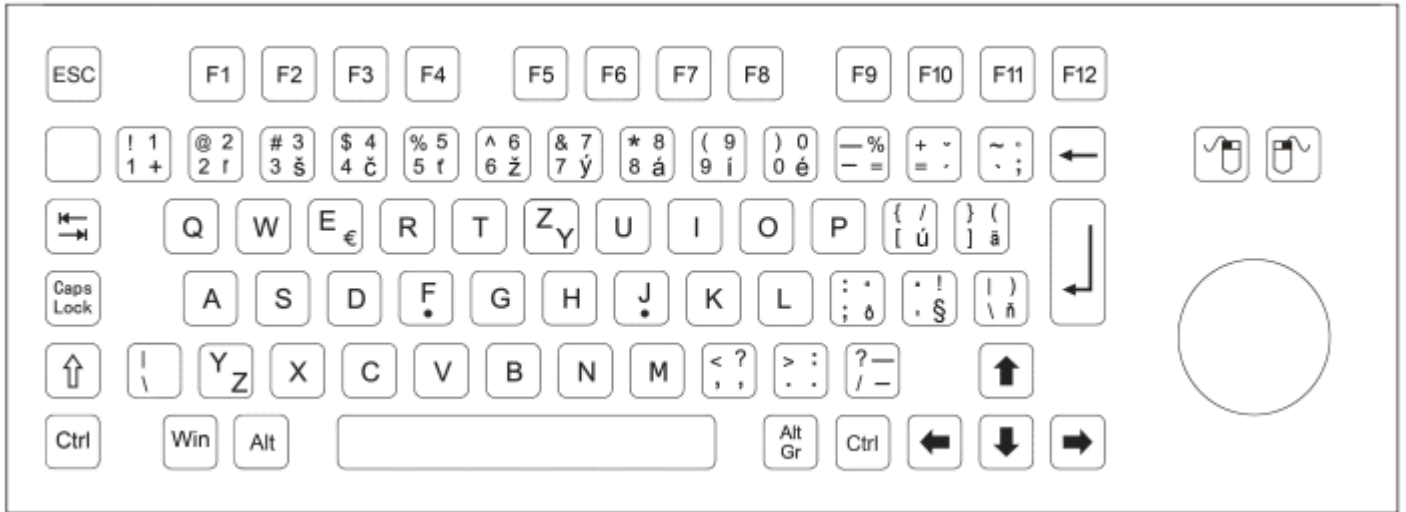
**KOREAN**



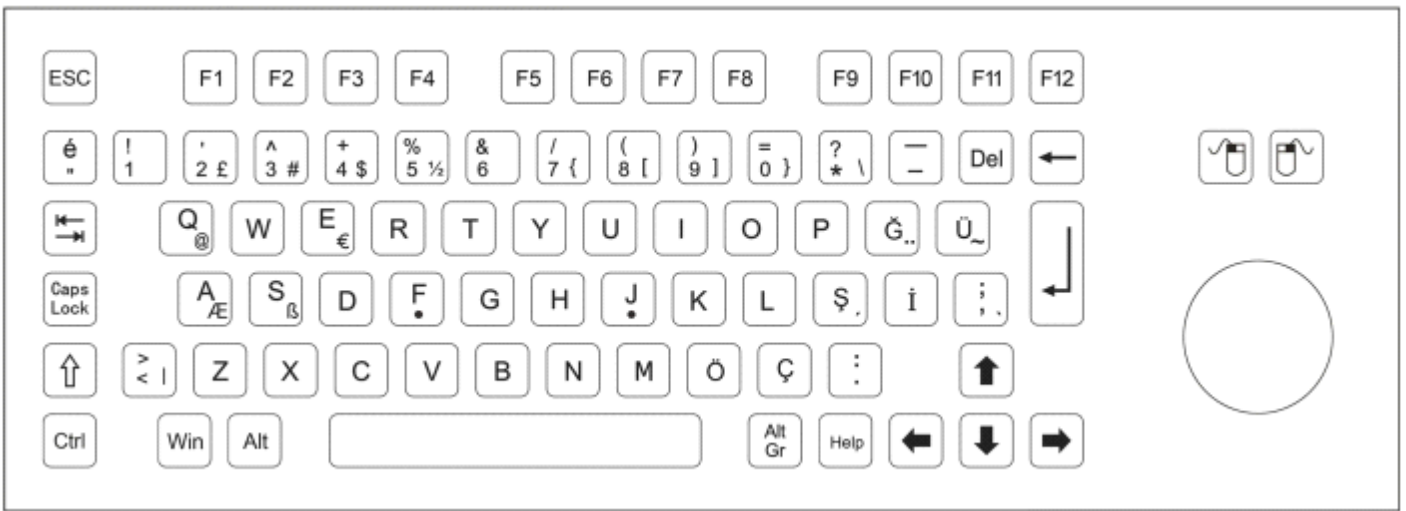
**HOLLAND**



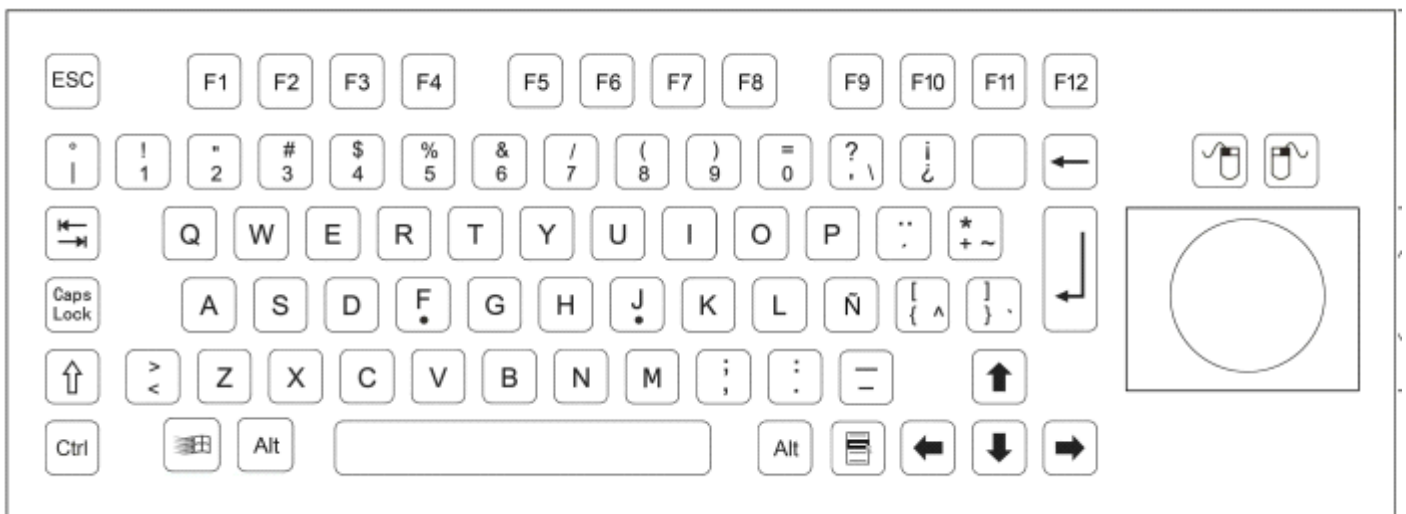
**US STANDARD LAYOUT**



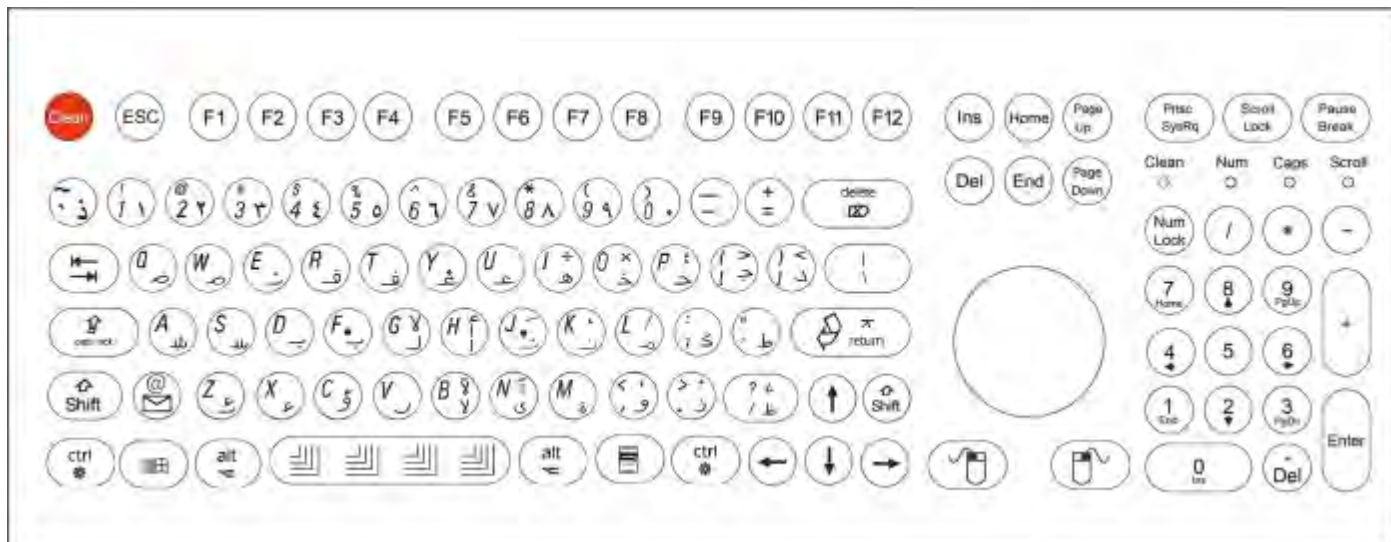
**SLOVAKIA**



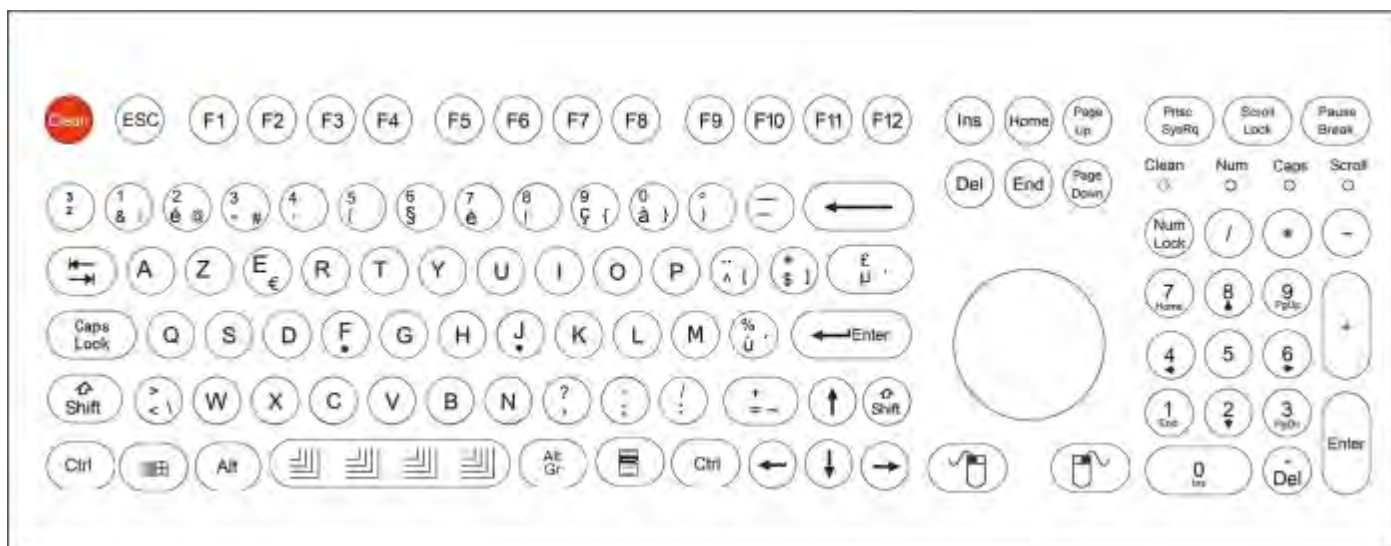
**TURKEY**



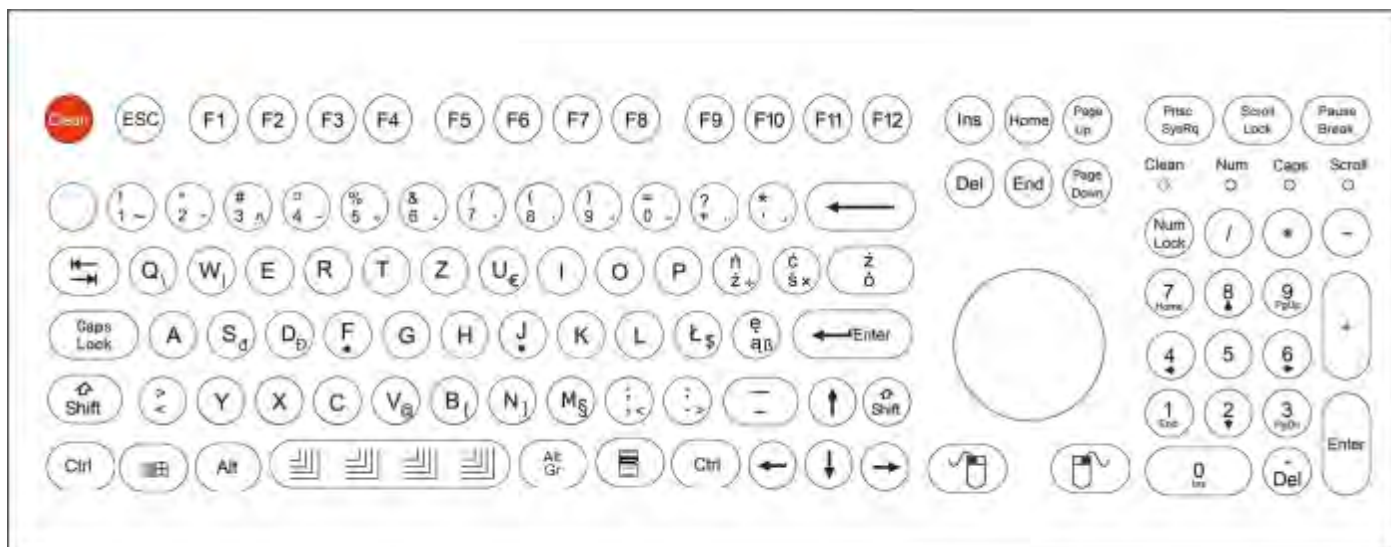
**SPANISH**



**ARBIC**

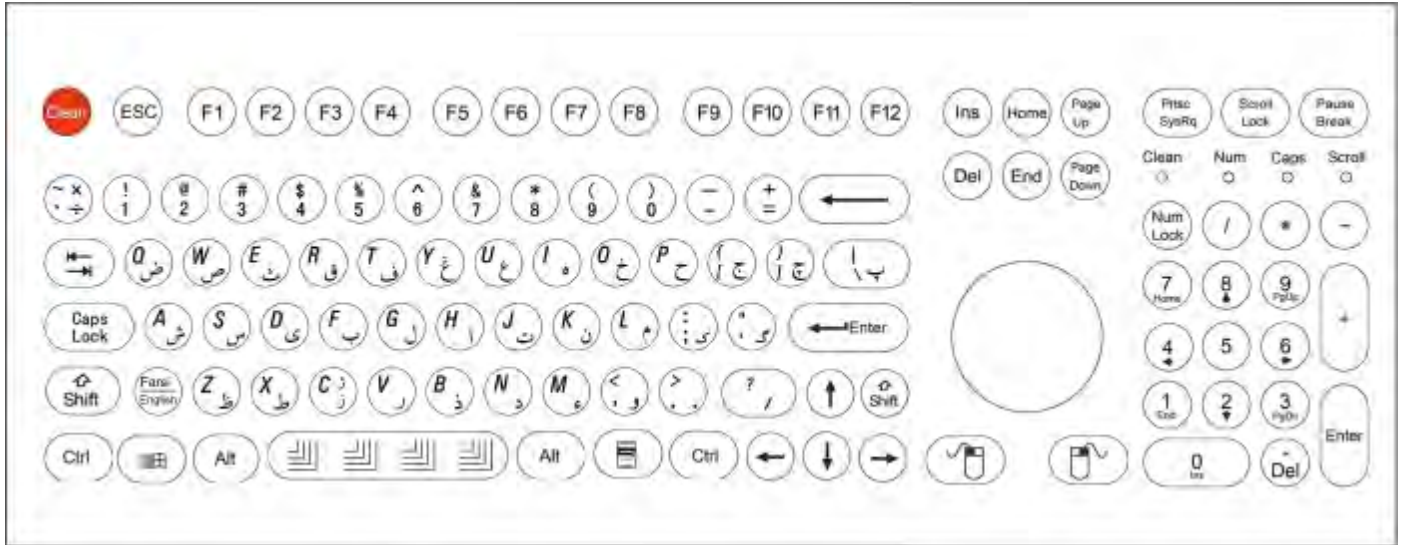


**BELGIUM**

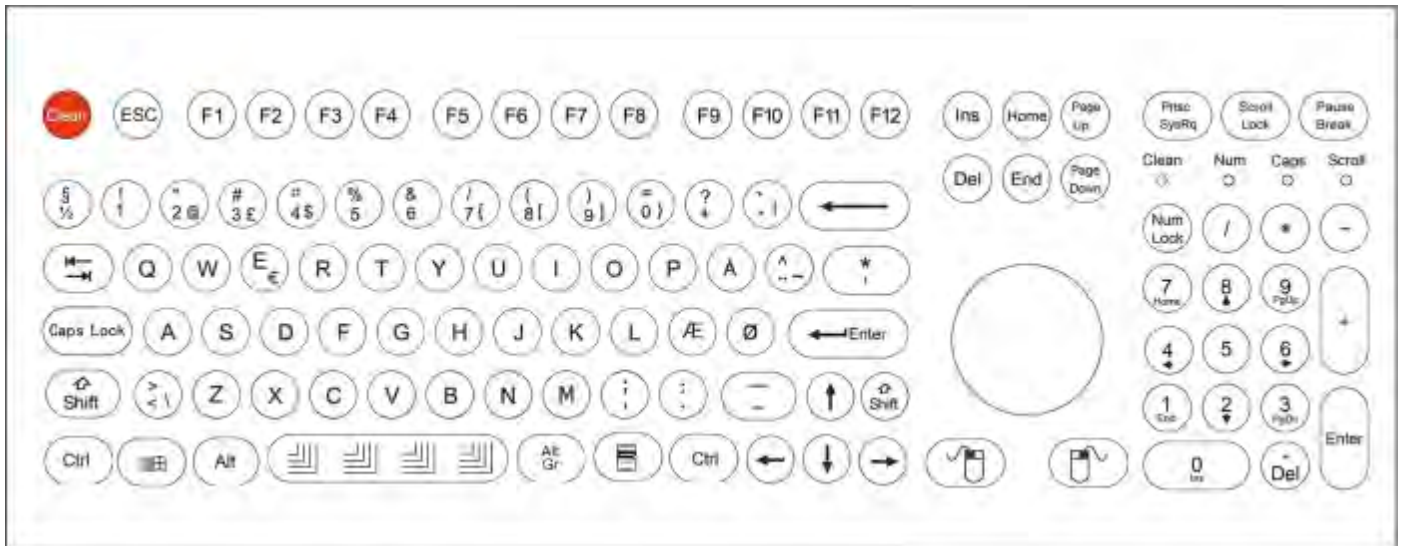


**POLAND**

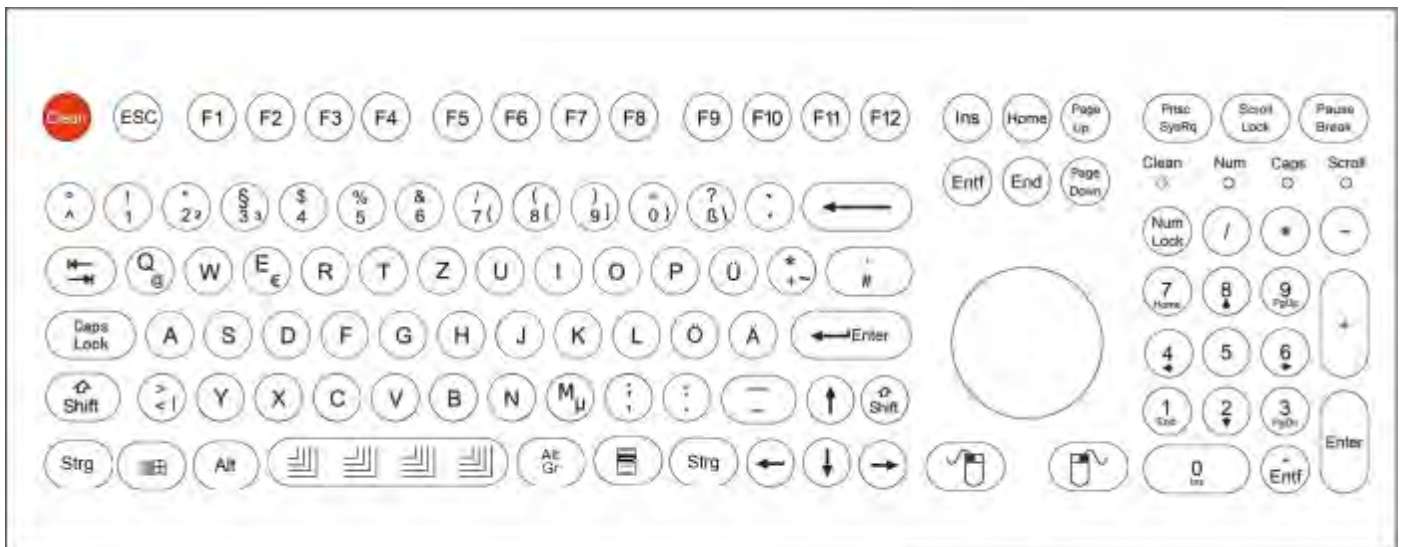




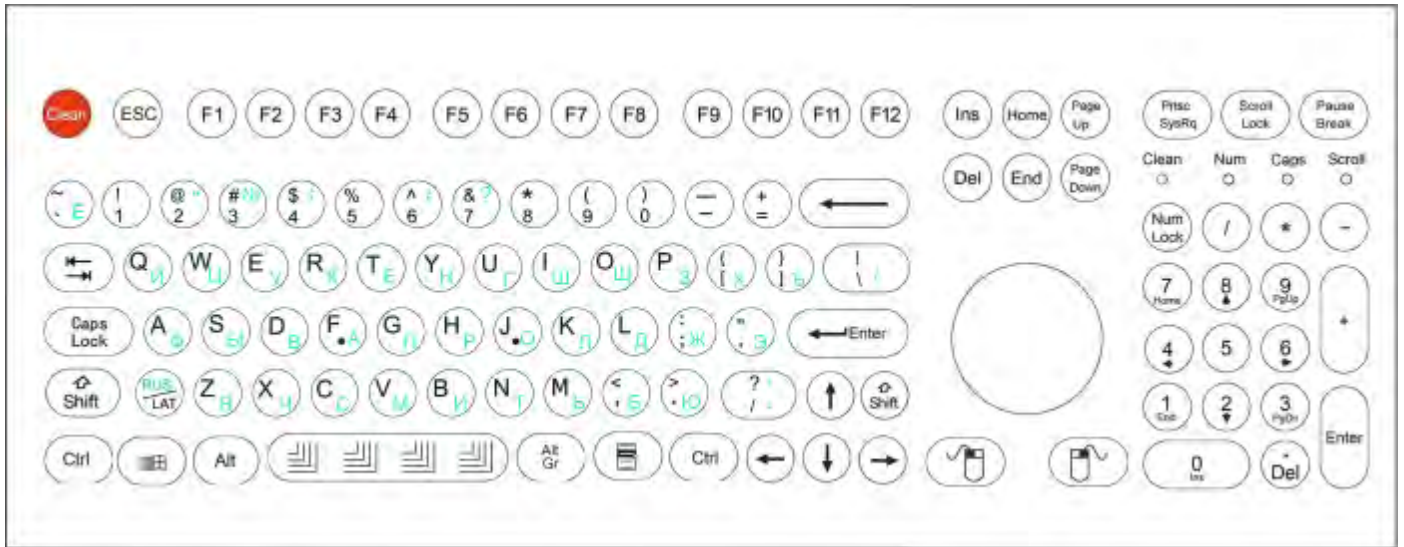
**FARSI**



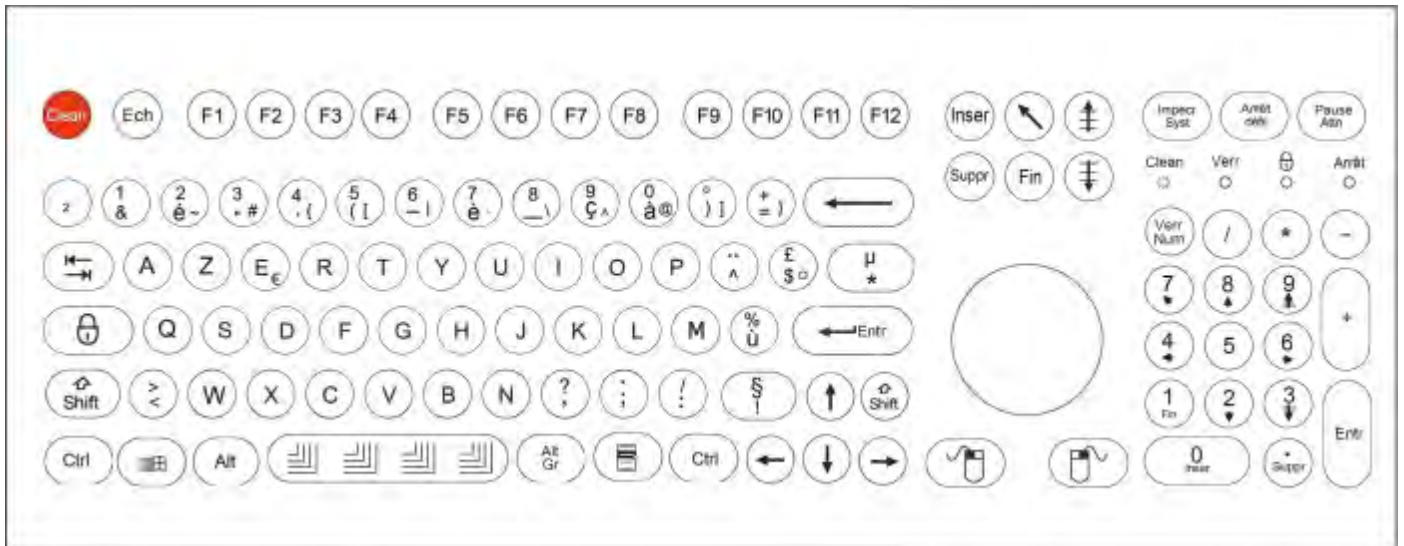
**DENMARK**



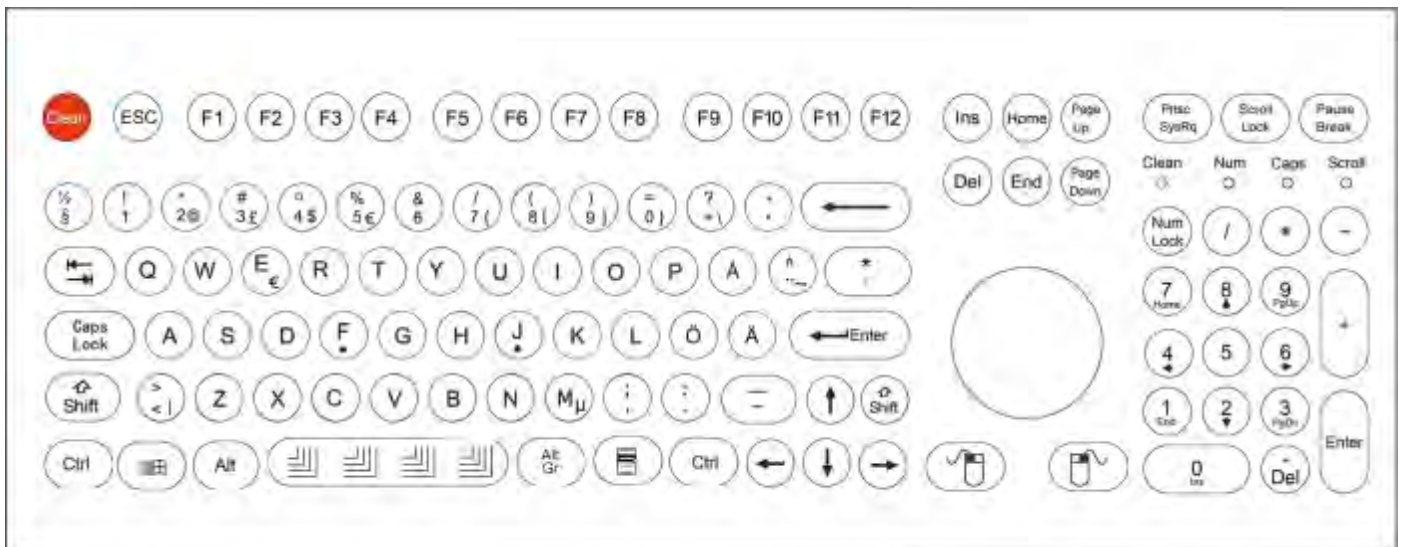
**GERMANY**



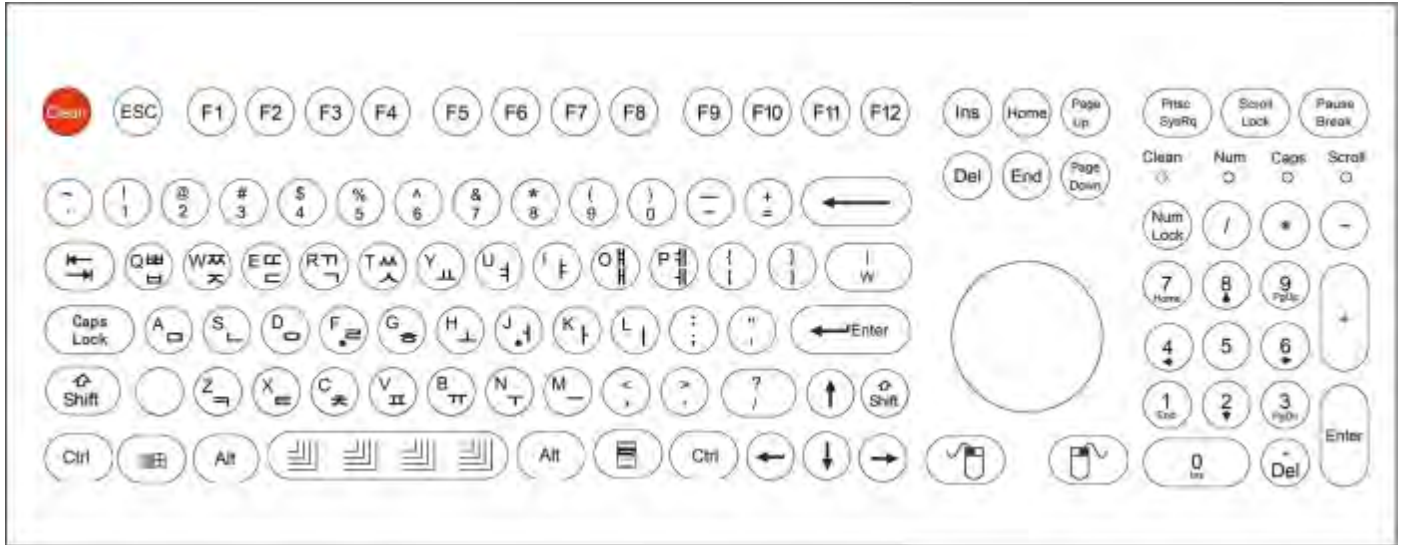
**RUSSIAN**



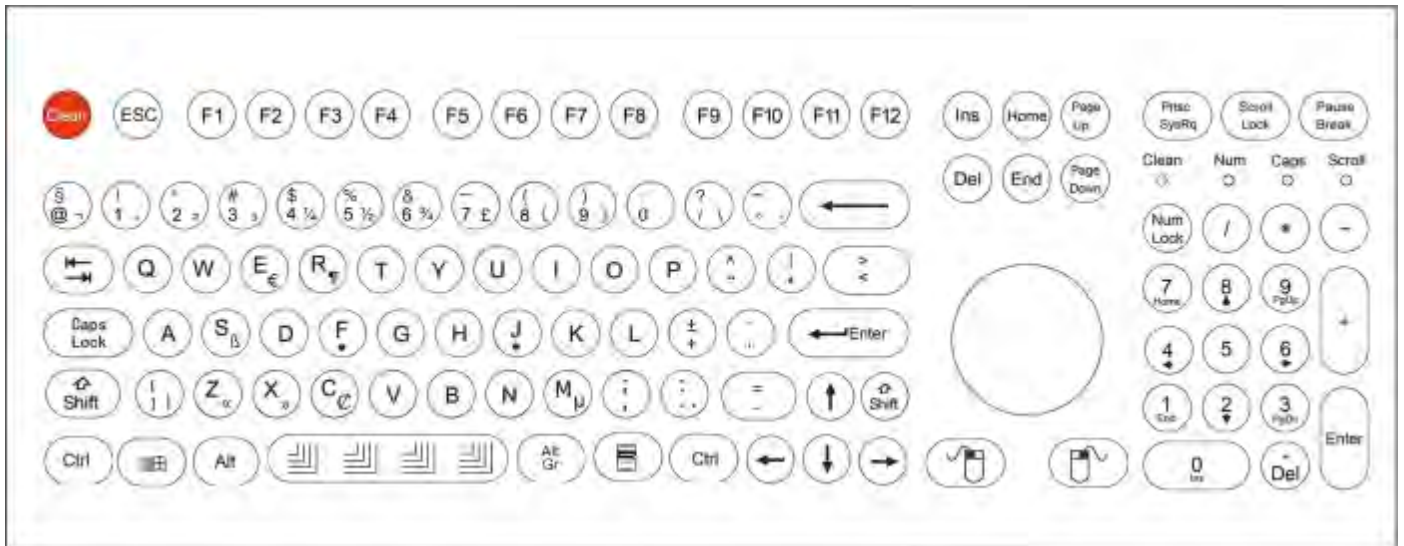
**FRANCH**



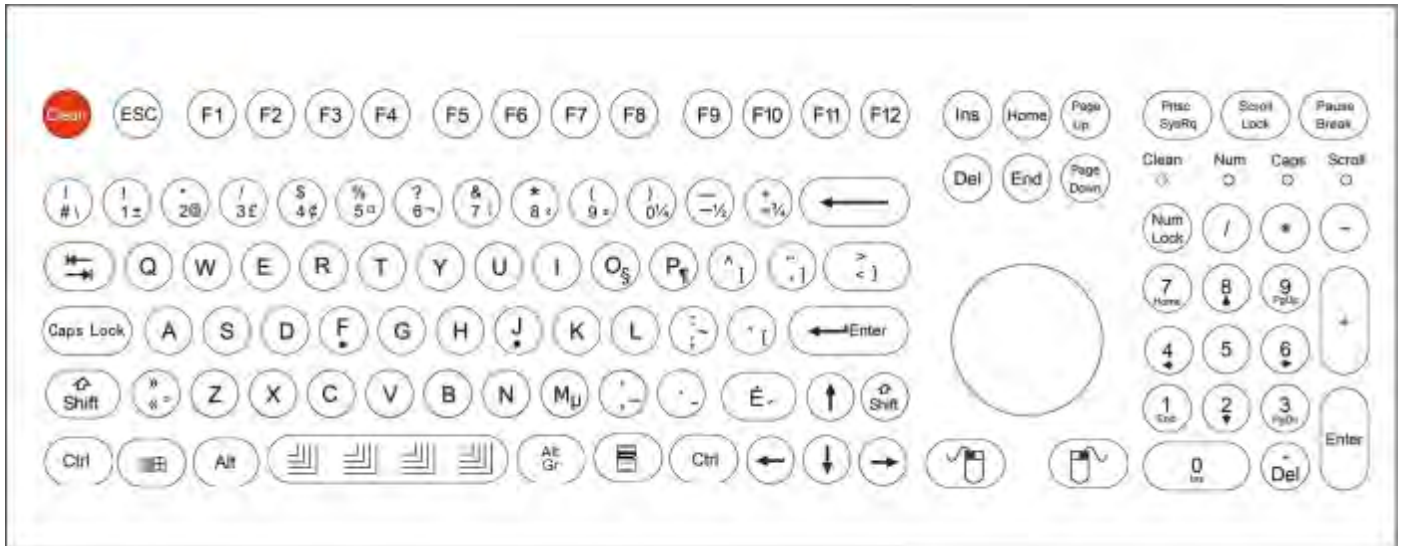
**FINNISH**



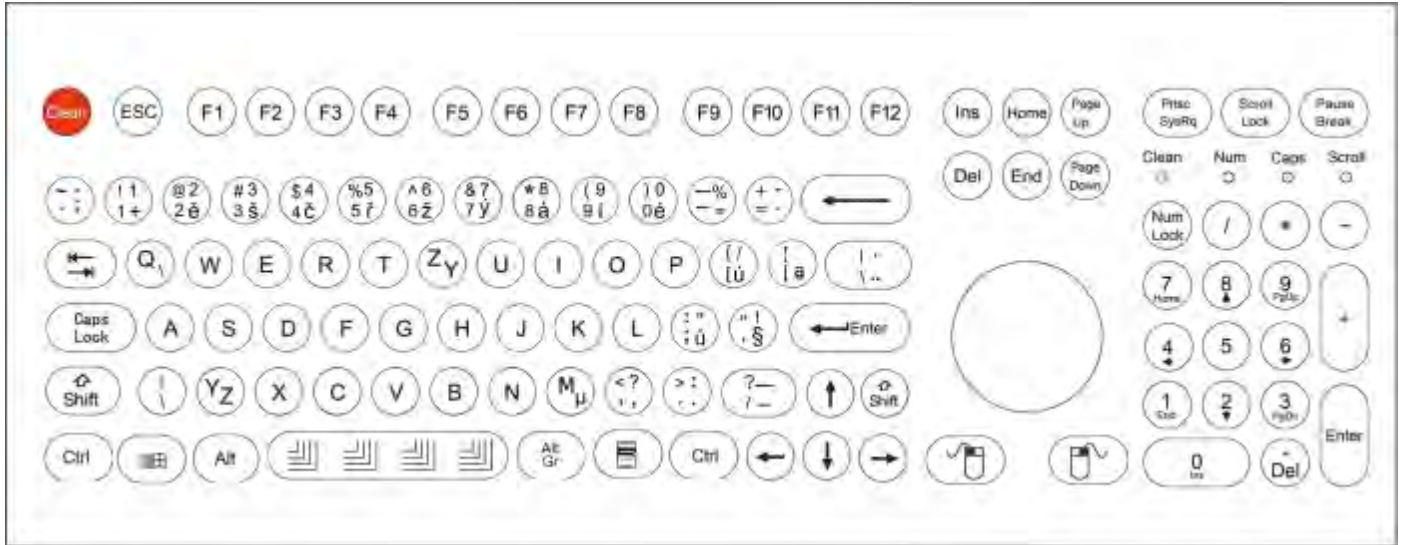
**KOREAN**



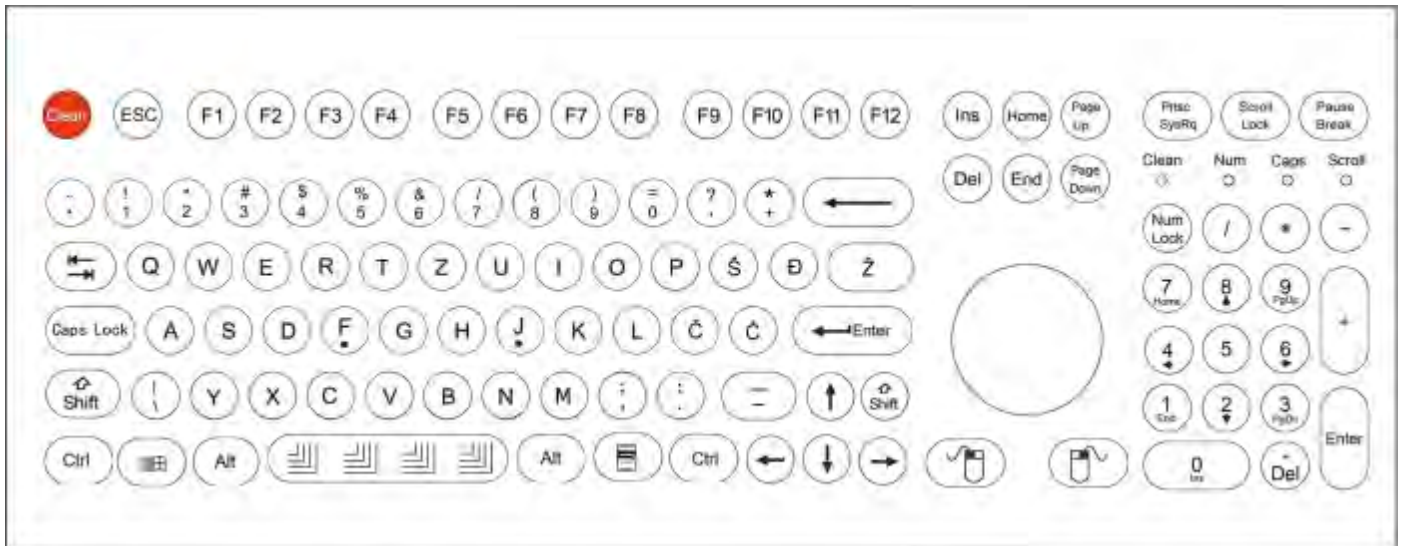
**HOLLAND**



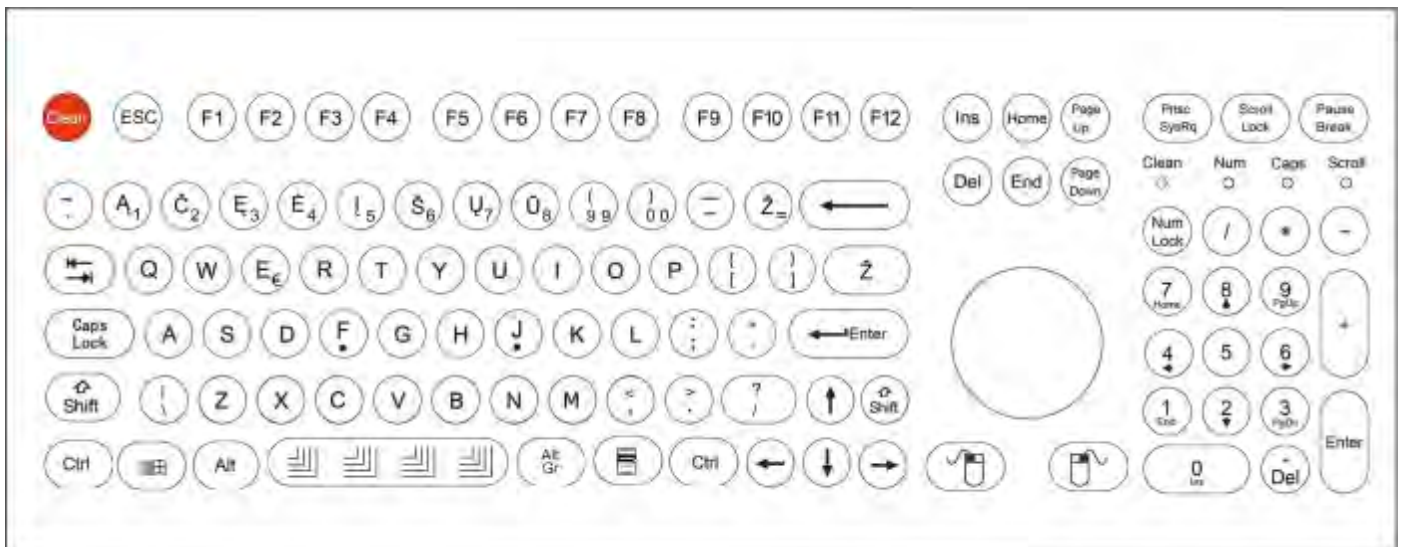
**CANADA**



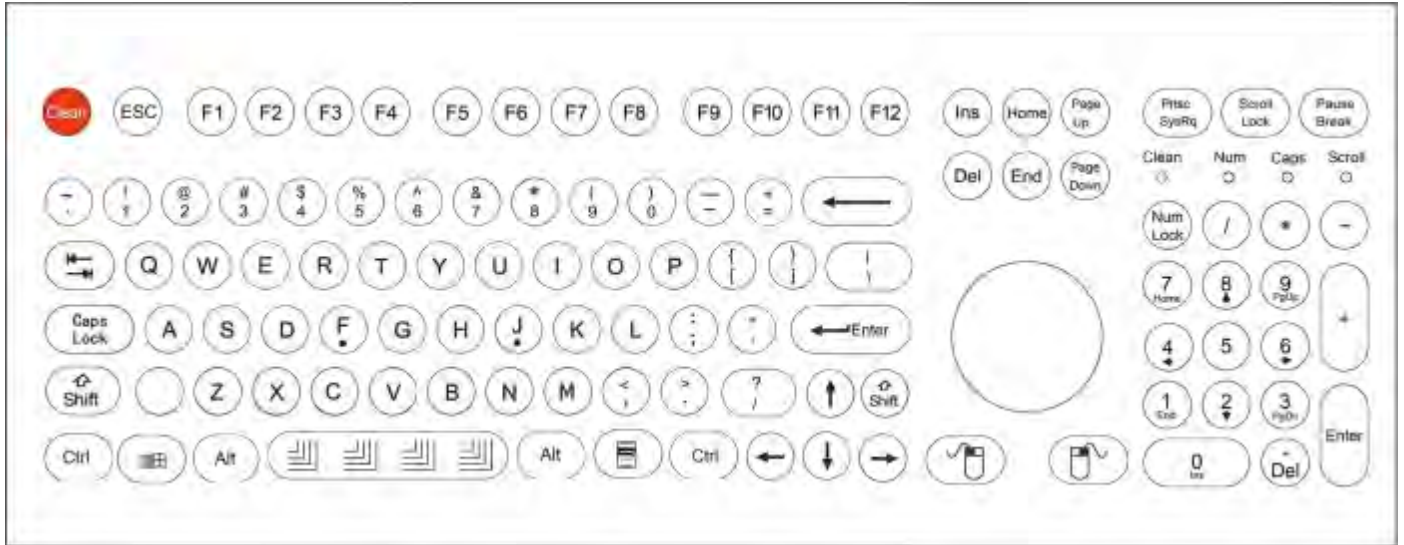
**CZECH**



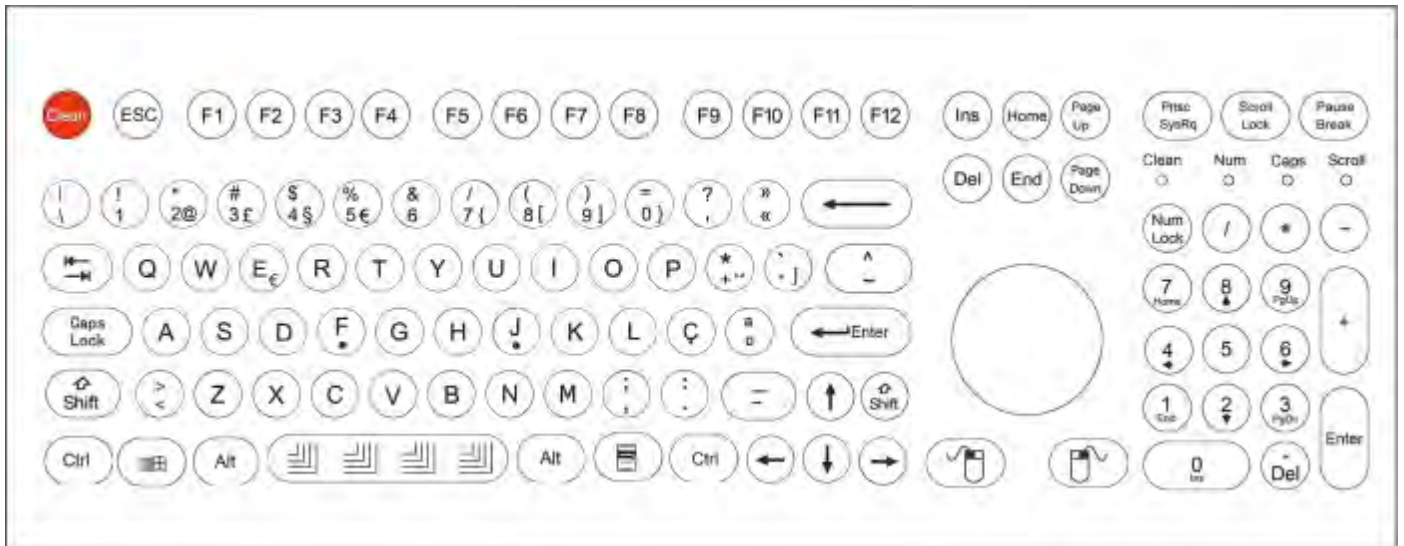
**CROATIA**



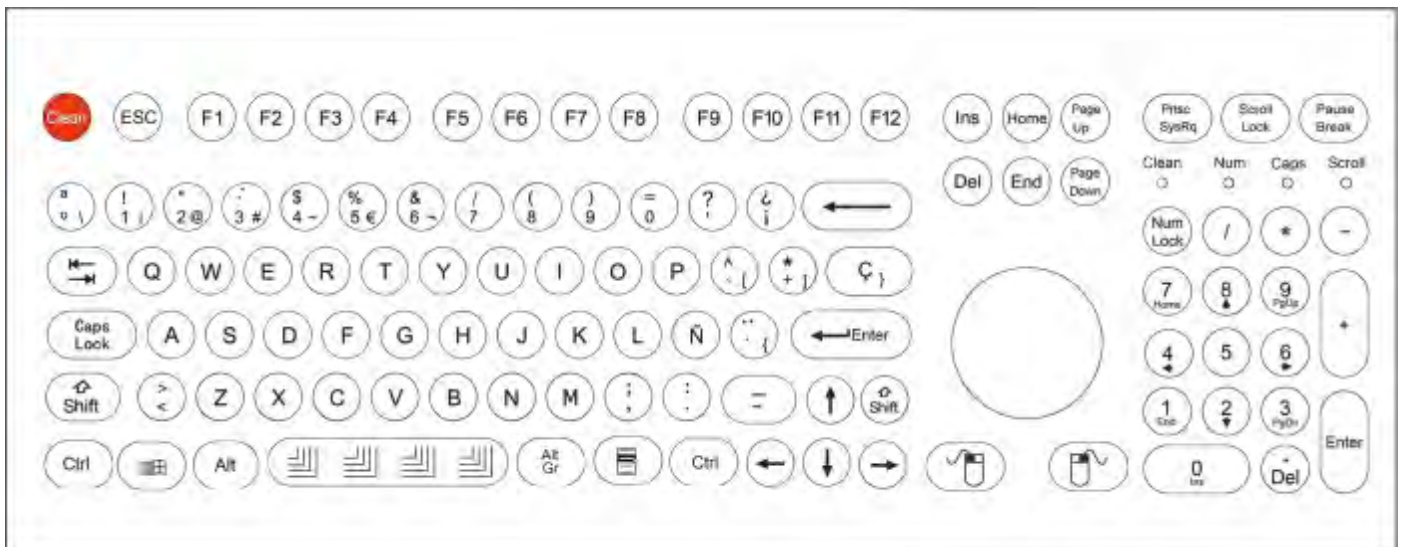
**LITHUANIA**



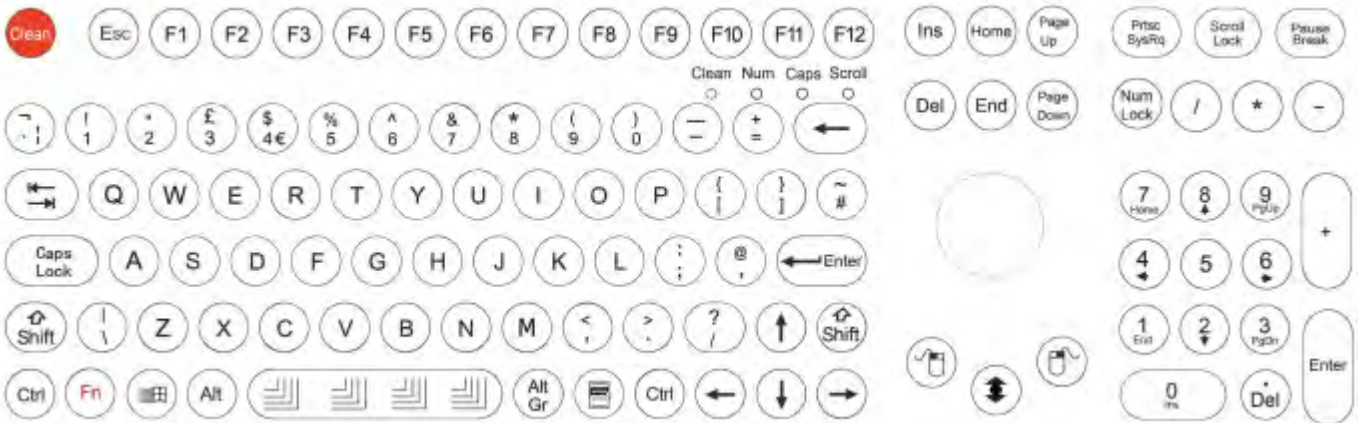
**US-AMERICAN**



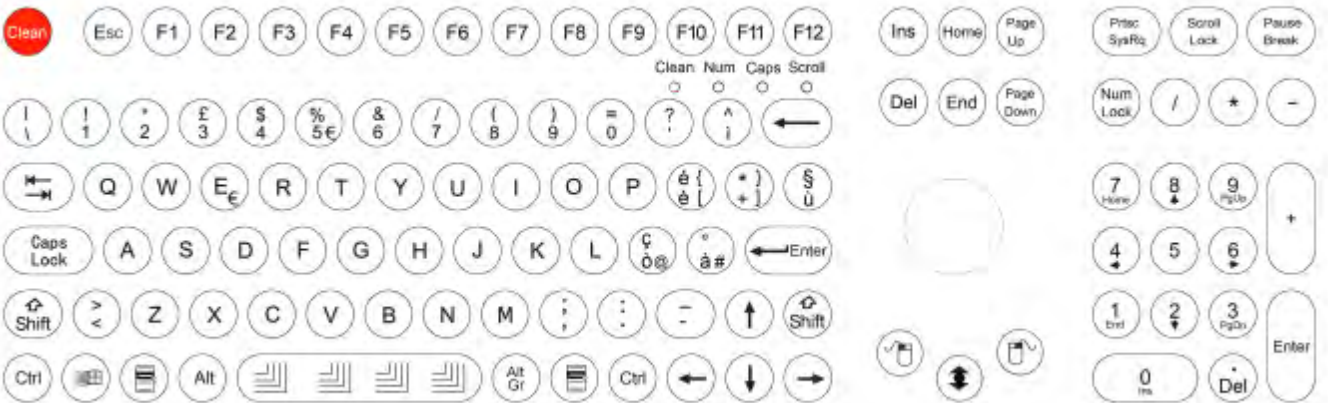
**PORTUGAL**



**SPANISH**



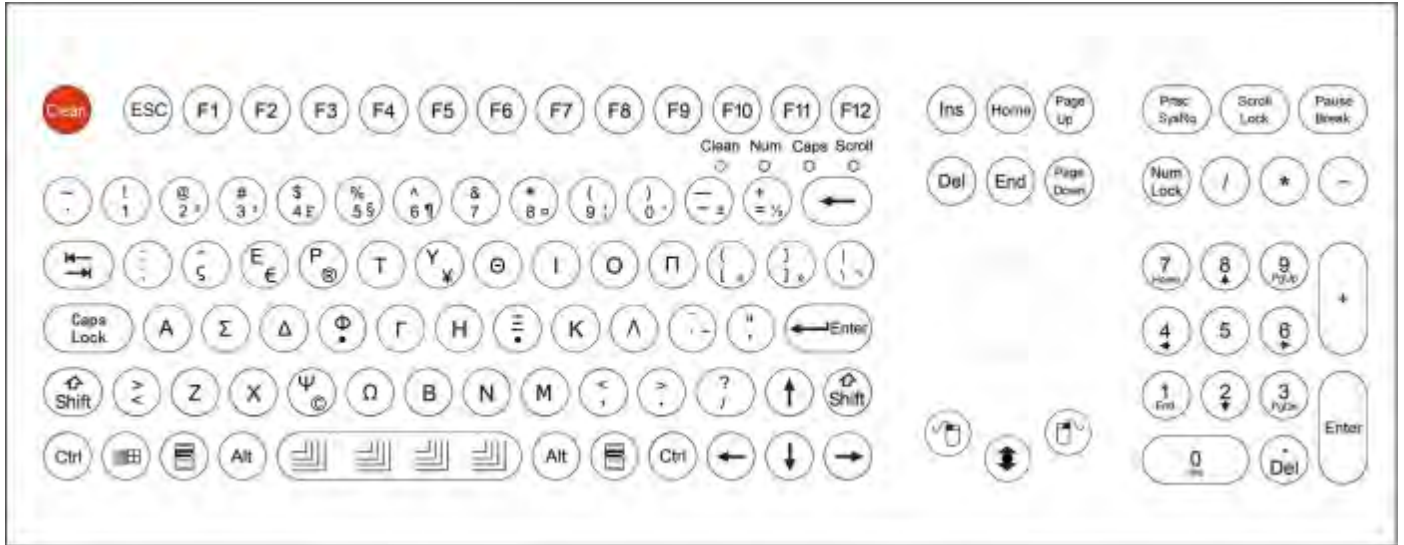
**ENGLAND**



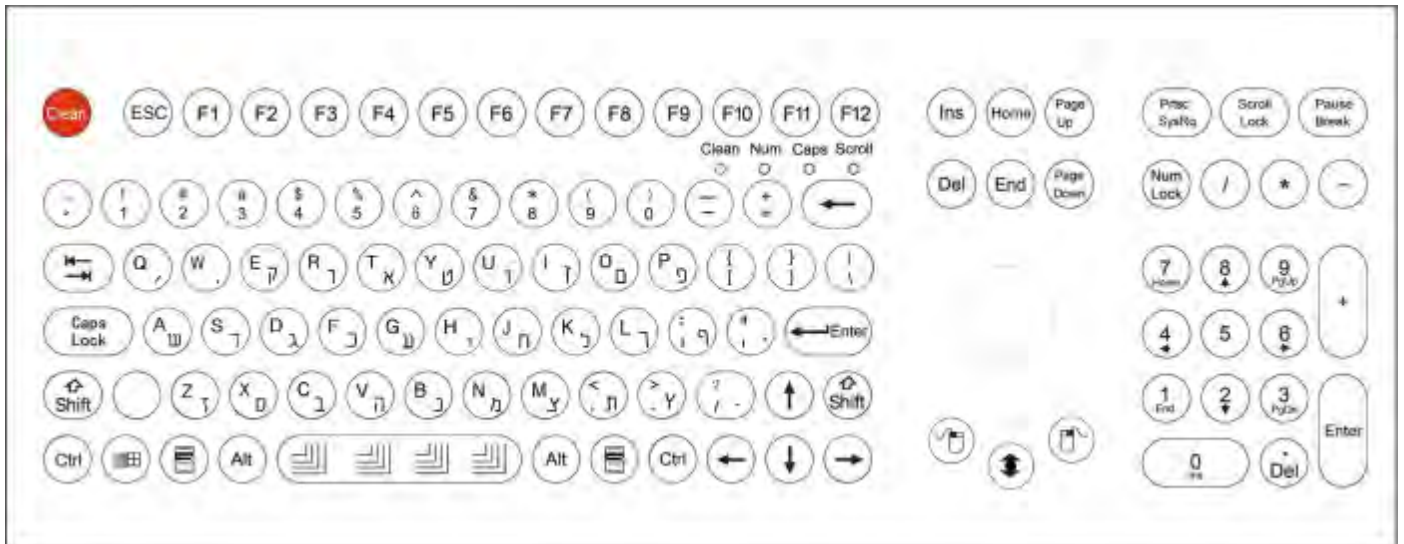
**ITALY**



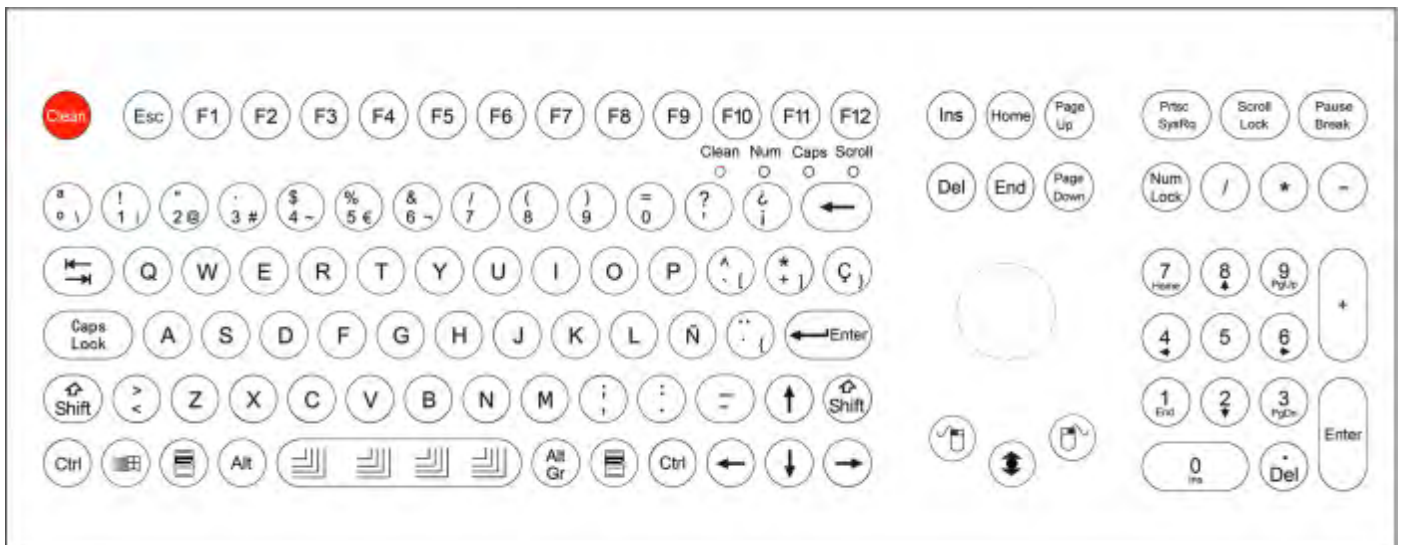
**HUNGARY**



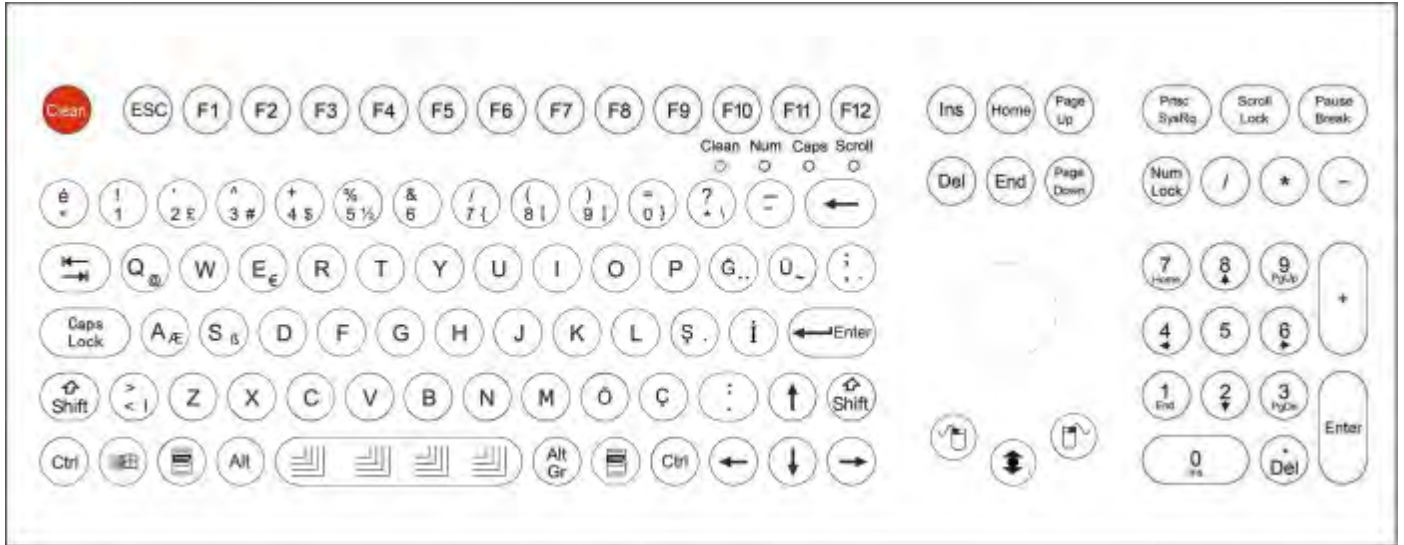
**GREECE**



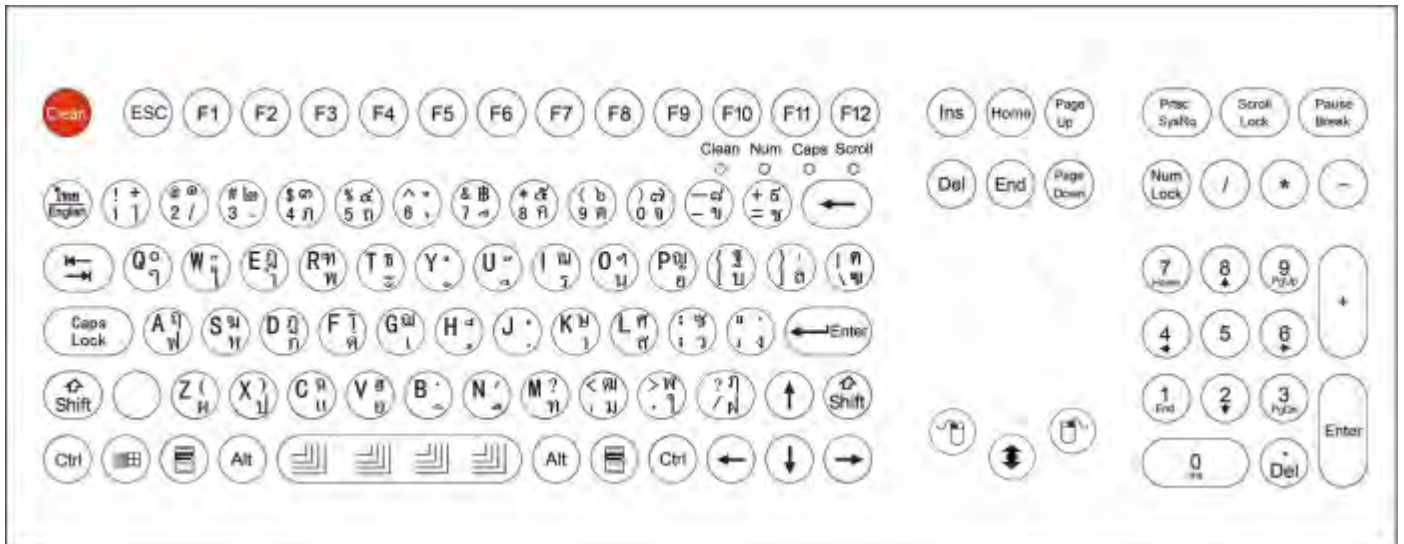
**HEBREW**



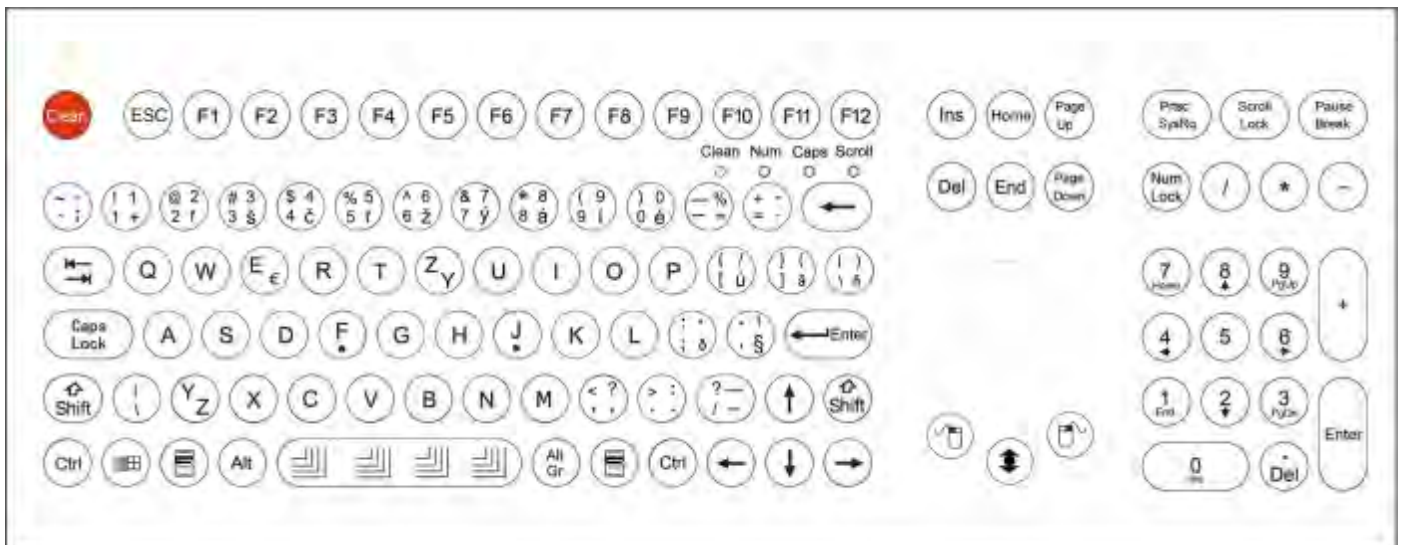
**SPANISH**



**TURKEY**

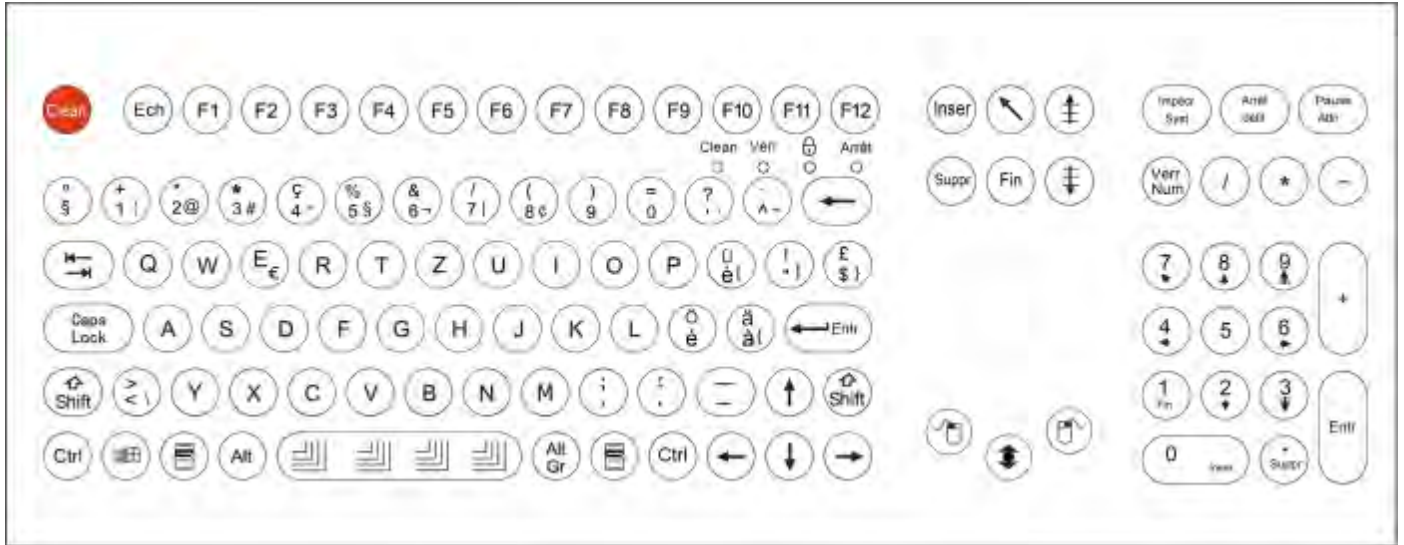


**THAILAND**

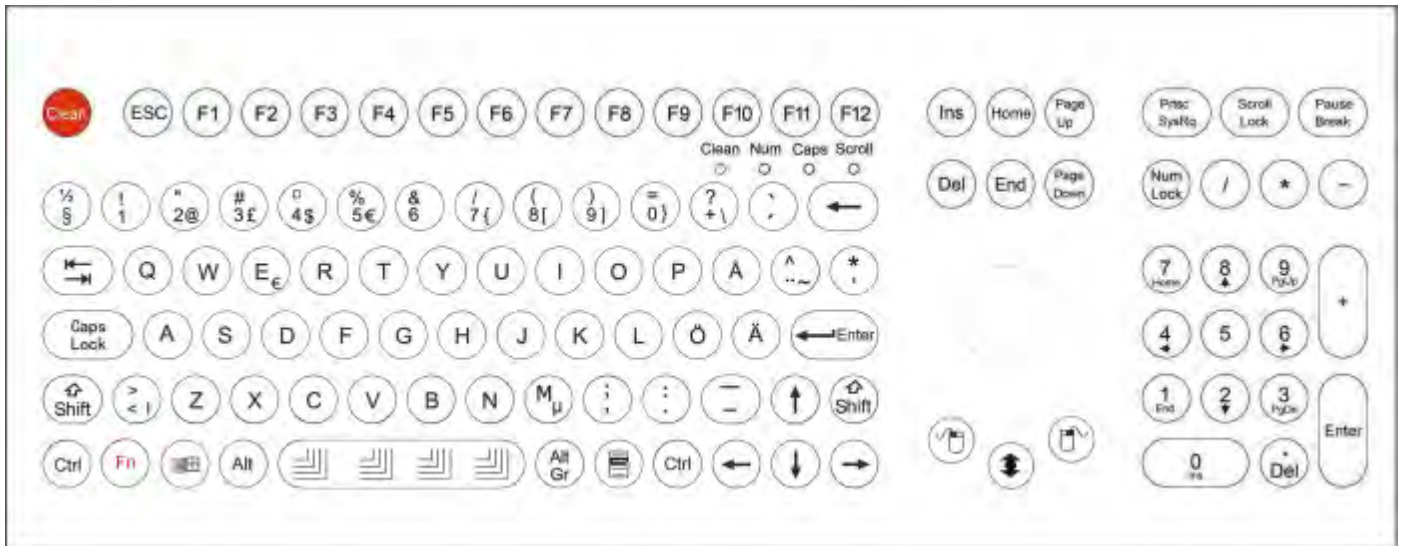


**SLOVAKIA**

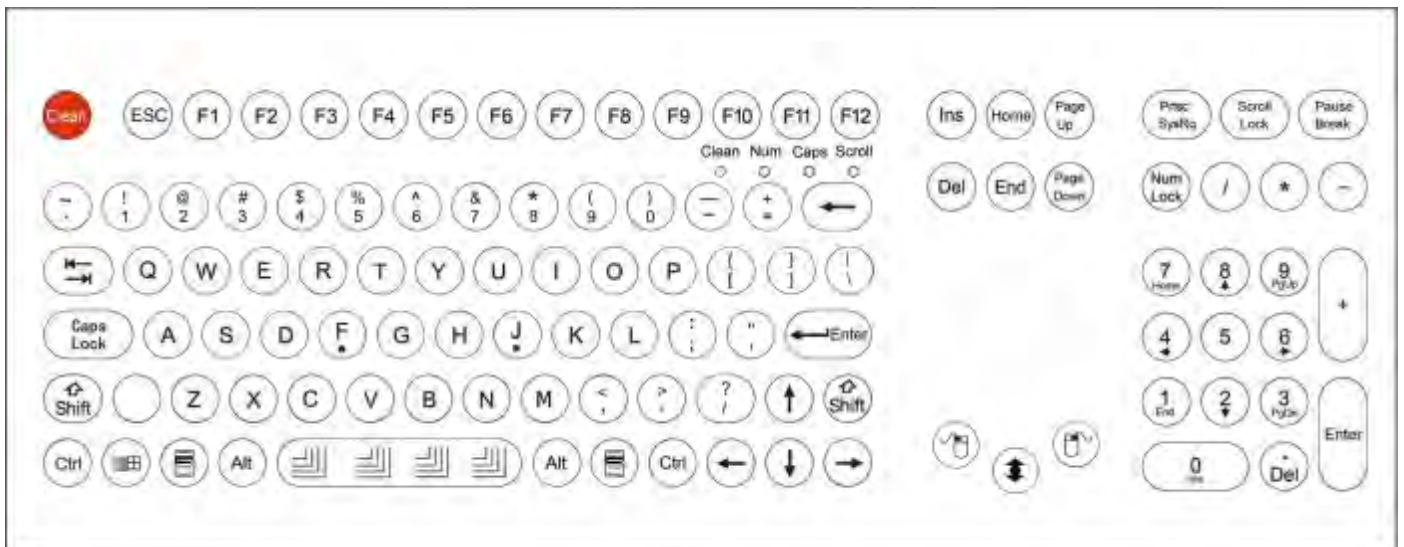




**SWITZERLAND**



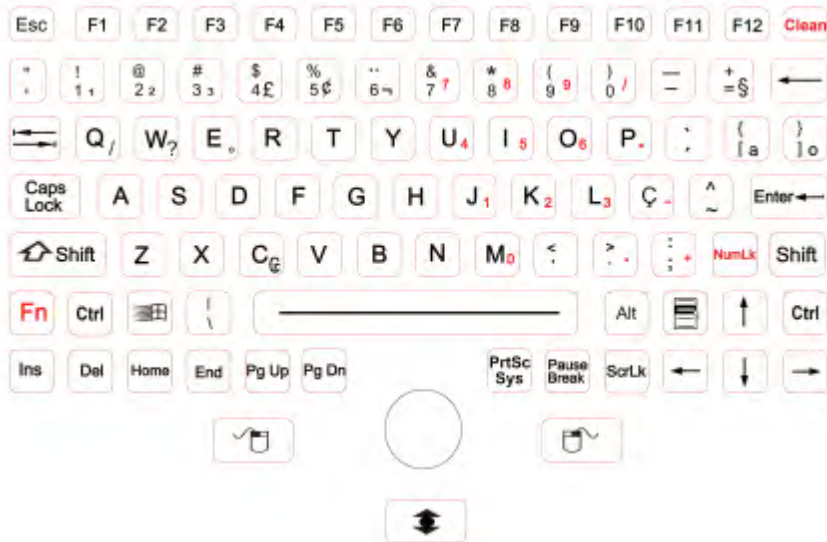
**SWEDEN**



**U.S - AMERICAN**



**ARABIC**



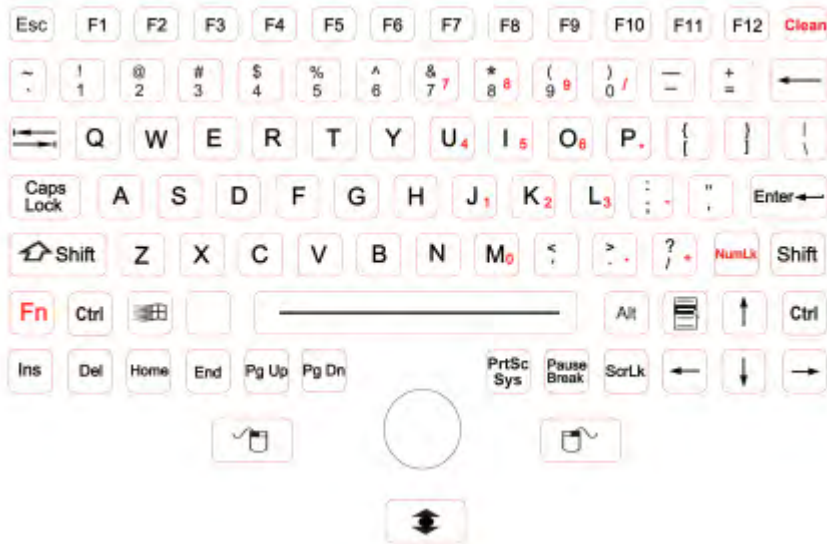
**Brazil-Portugal**



**GERMANY**



**RUSSIAN**



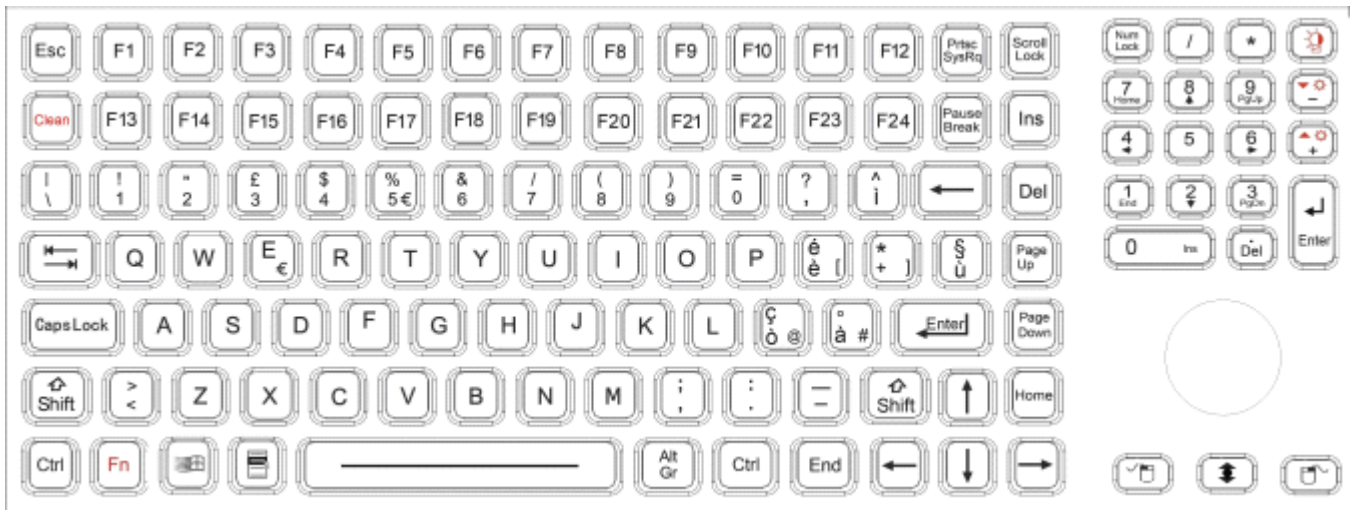
**U. S**



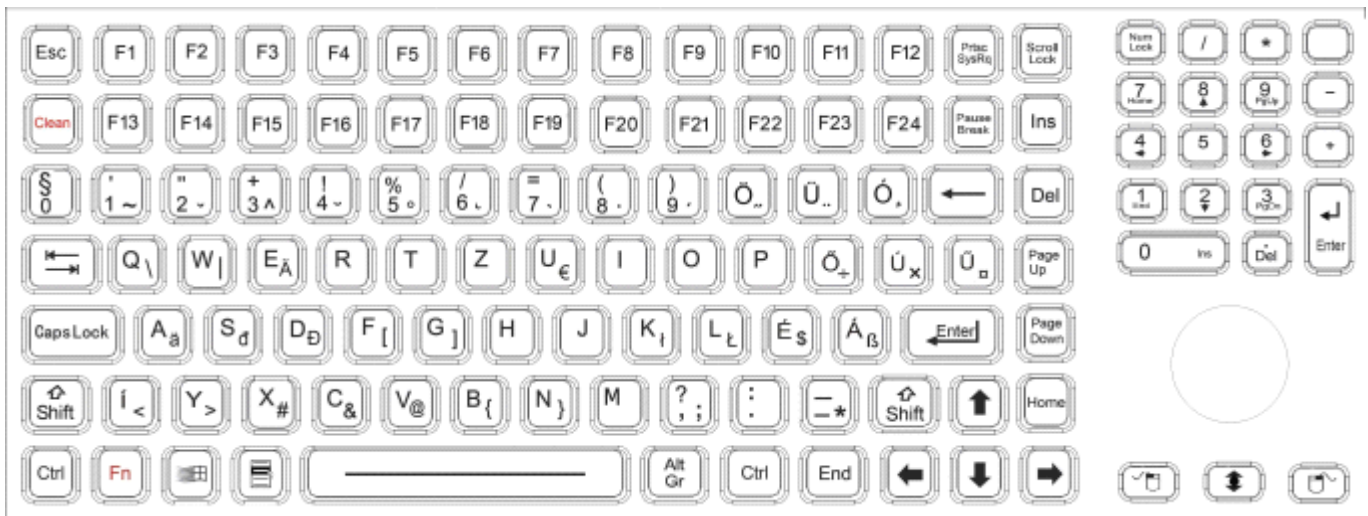
**PORTUGAL**



**ENGLAND**



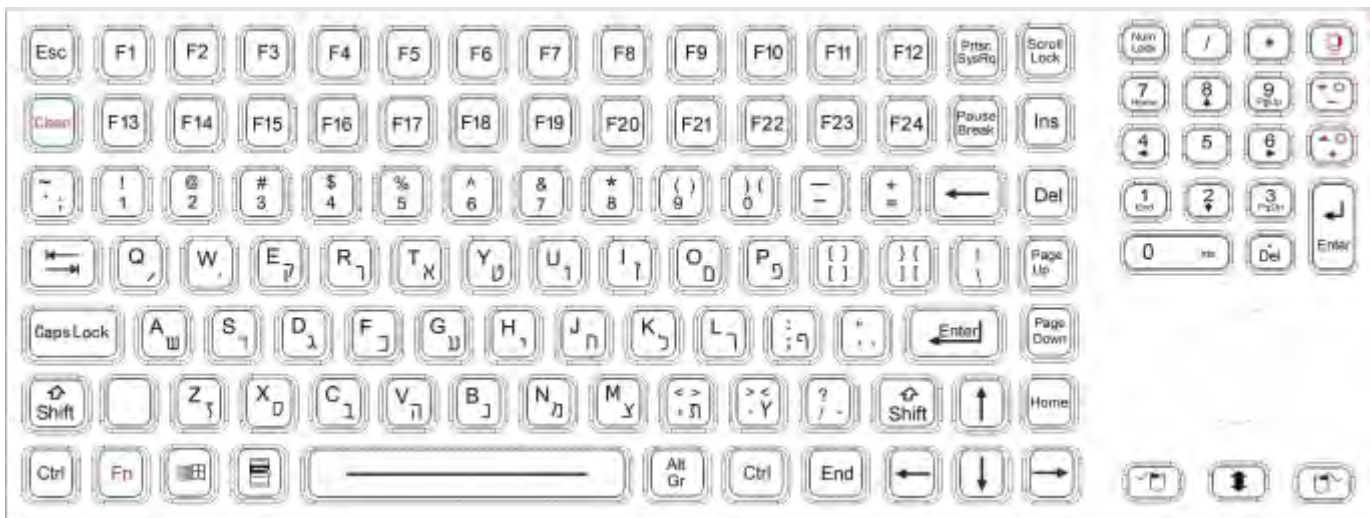
**ITALY**



**HUNGARY**



**GREECE**



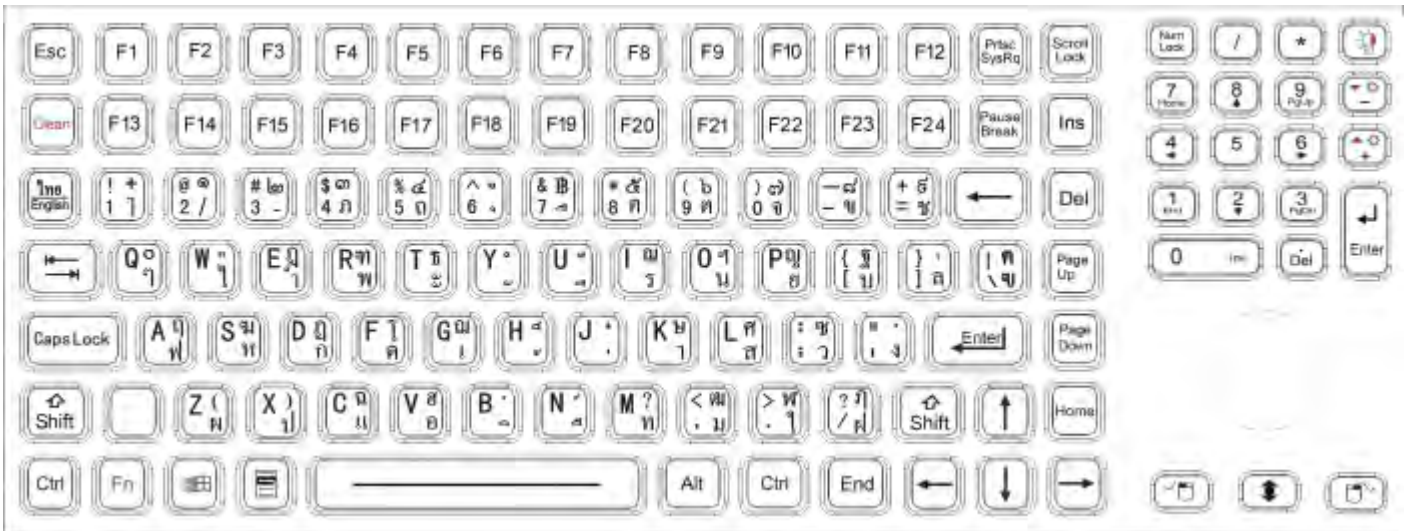
**HEBREW**



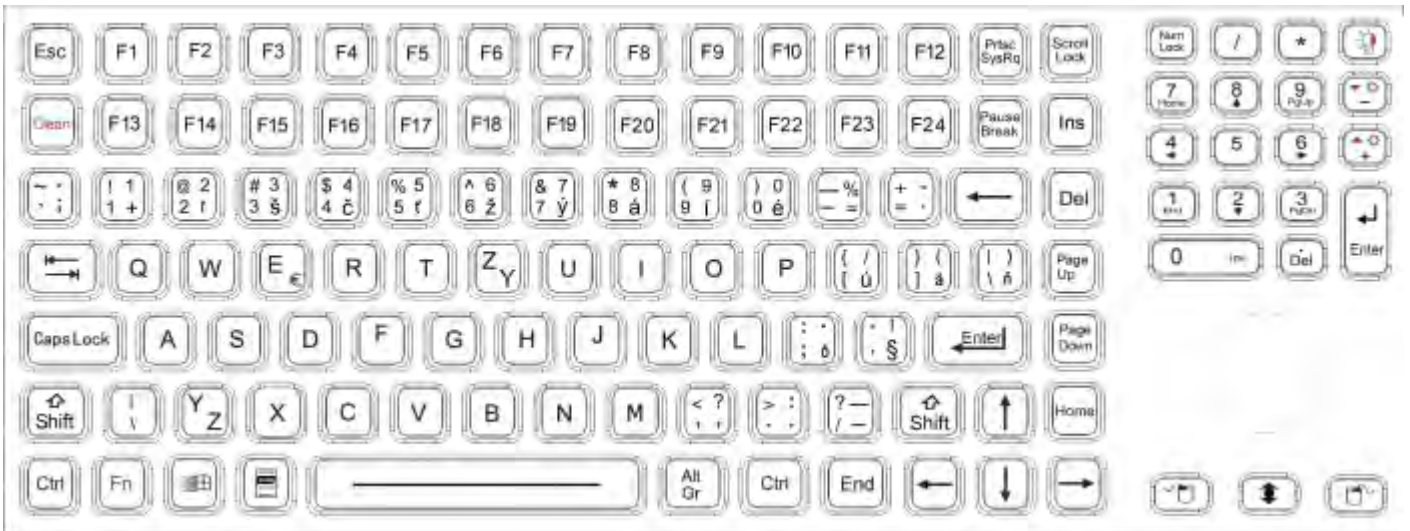
**SPANISH**



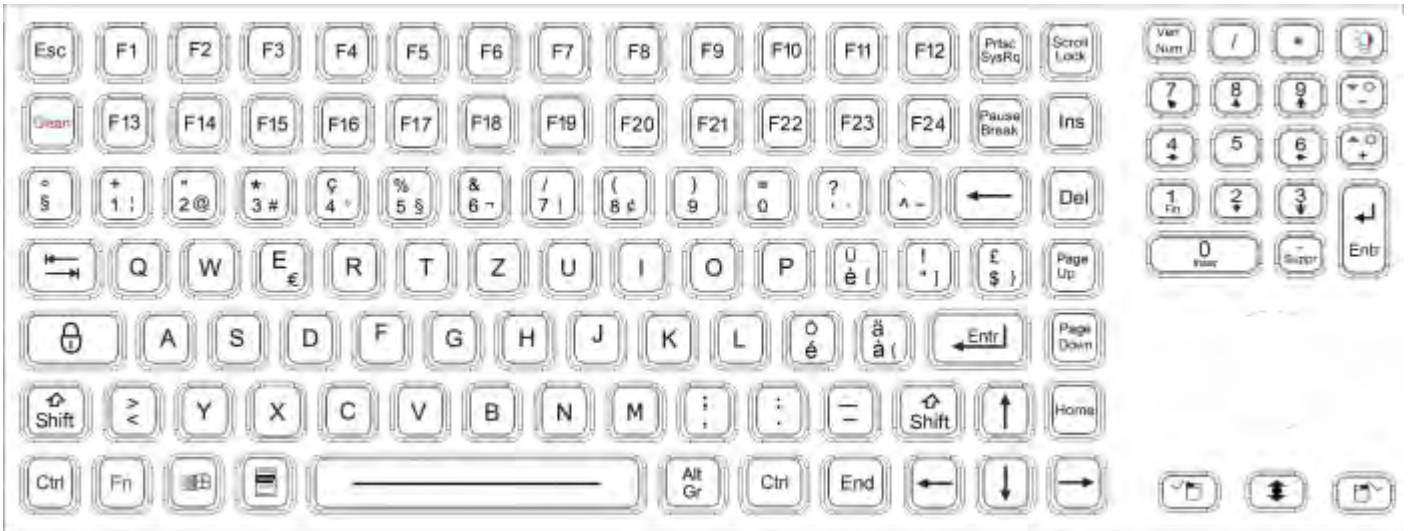
**TURKEY**



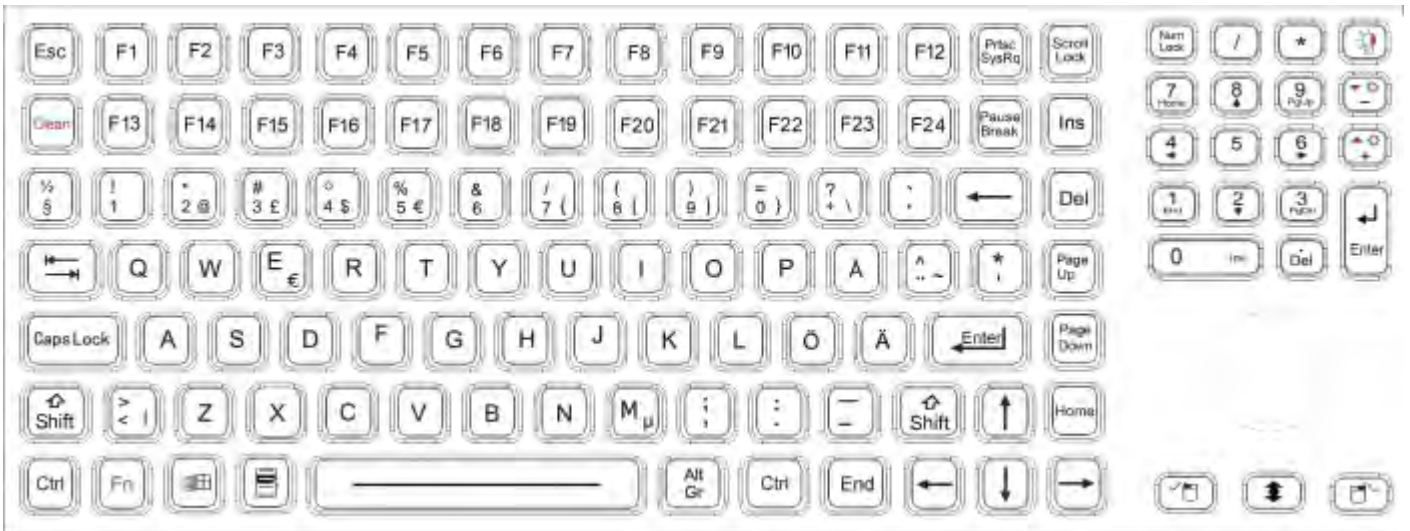
**THAILAND**



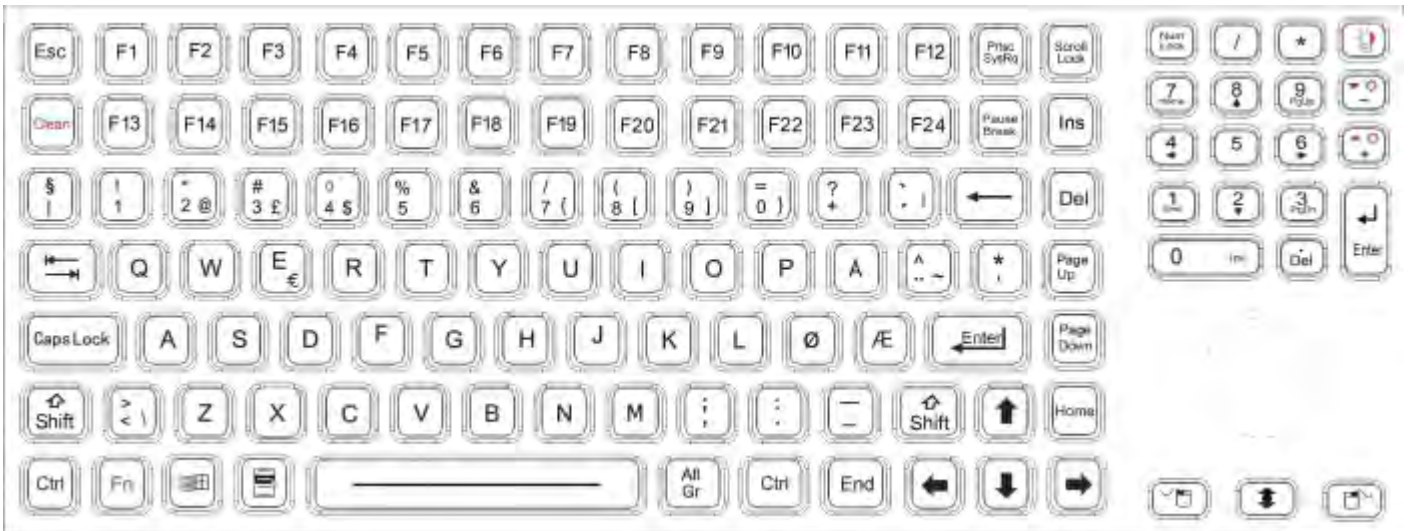
**SLOVAKIA**



**SWITZERLAND**



**SWEDEN**



**NORWAY**



**U.S-AMERICAN**

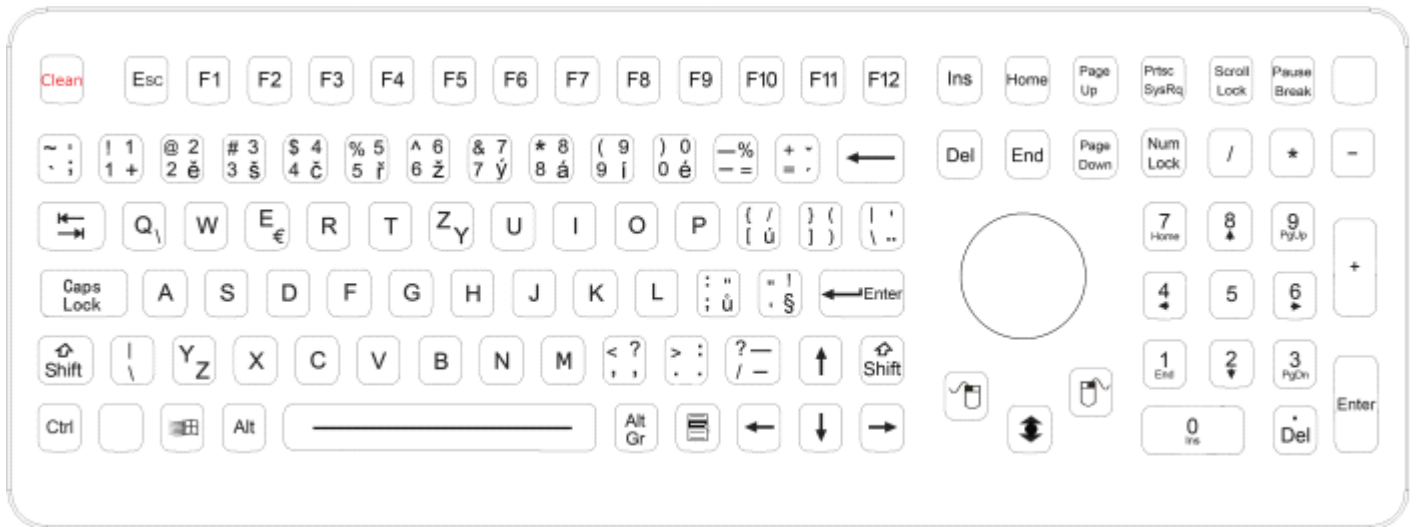


**LITHUANIA**

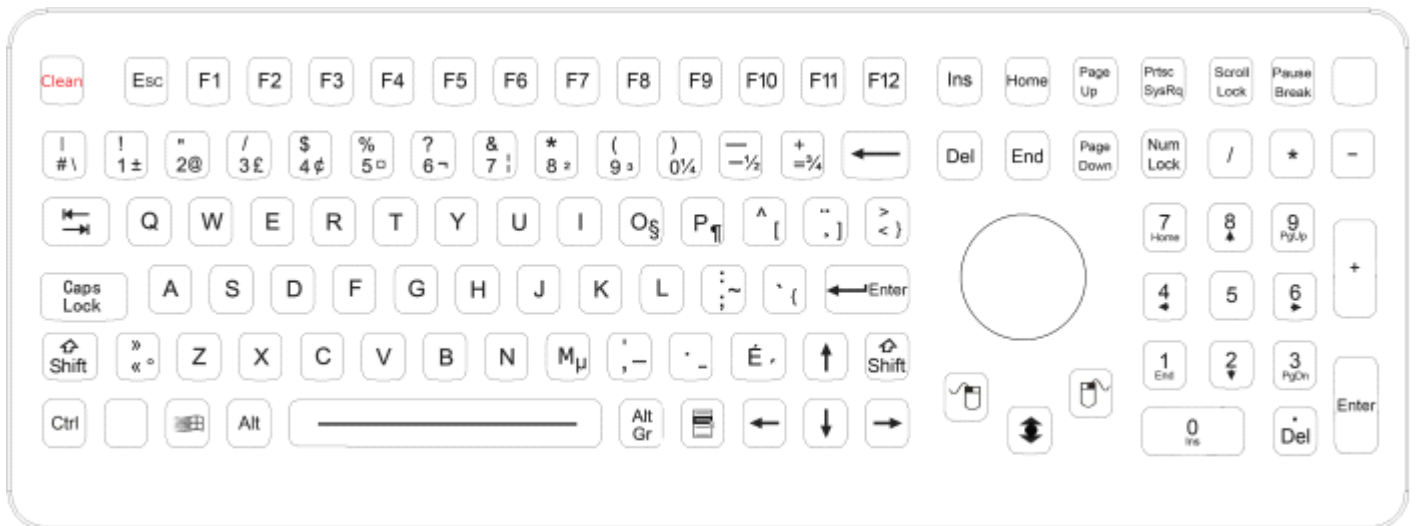


**CROATIA**

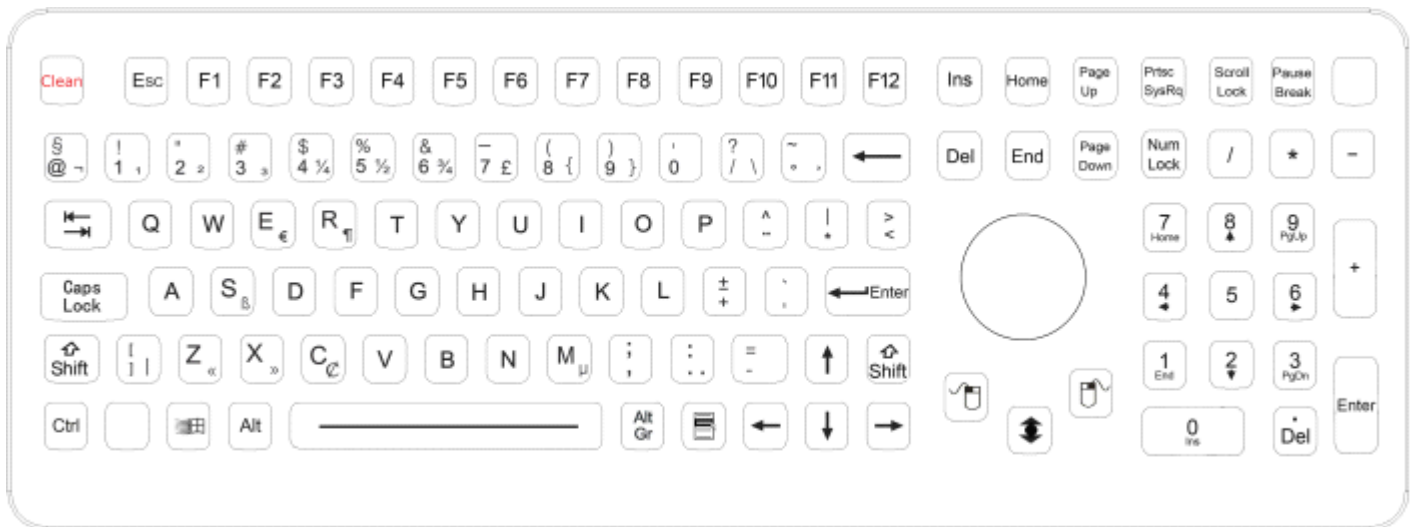




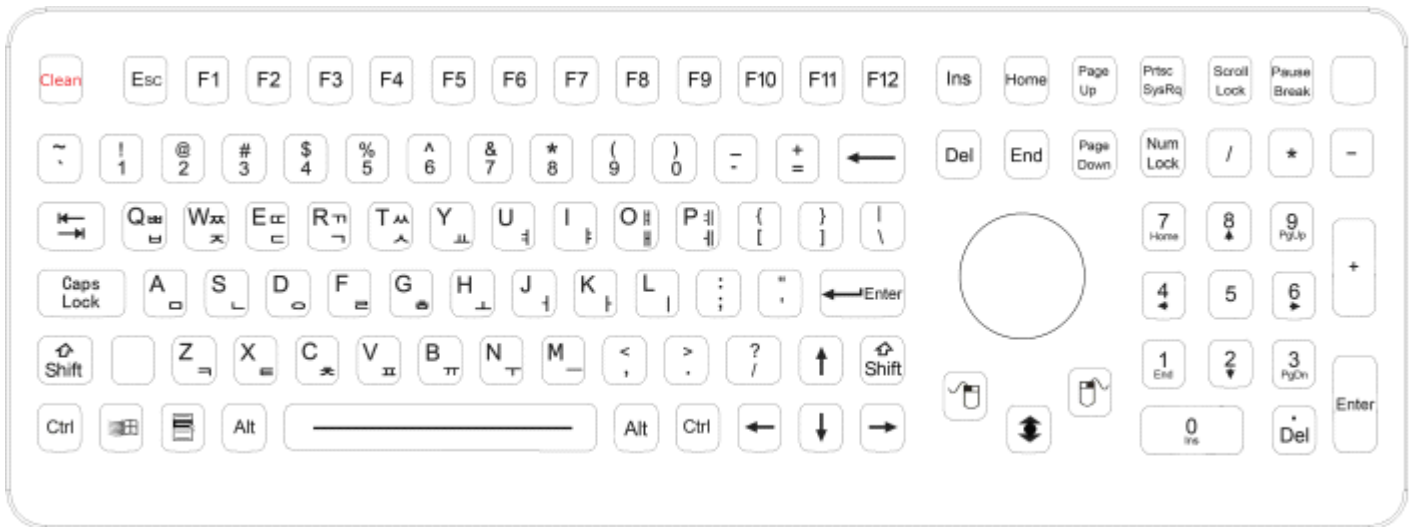
**CZECH**



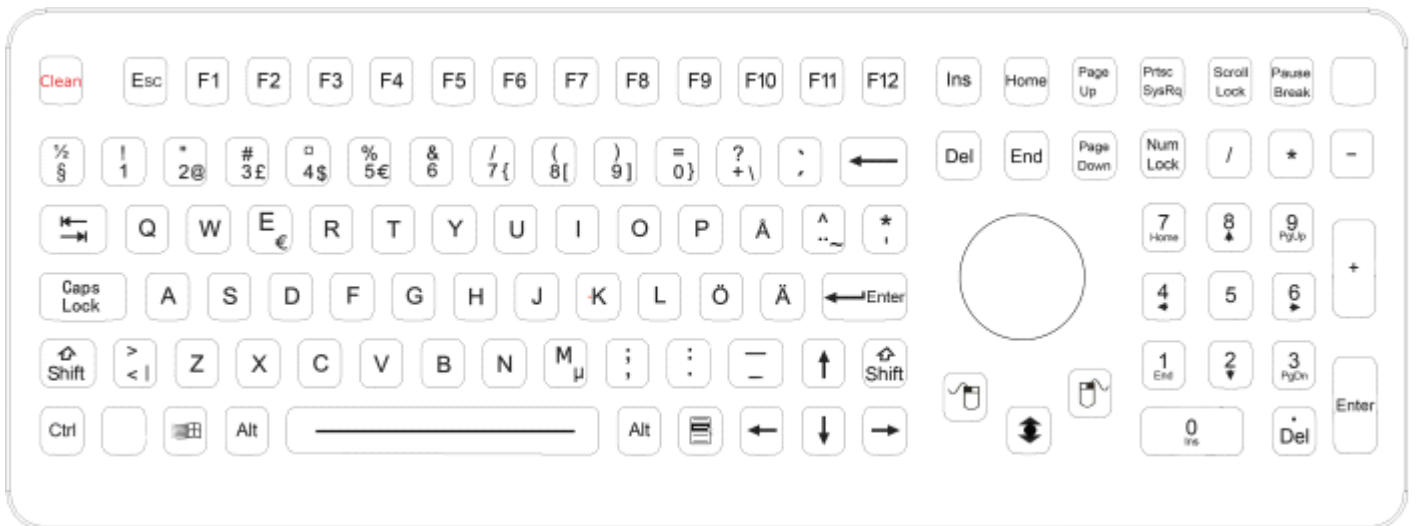
**CANADA**



**HOLLAND**



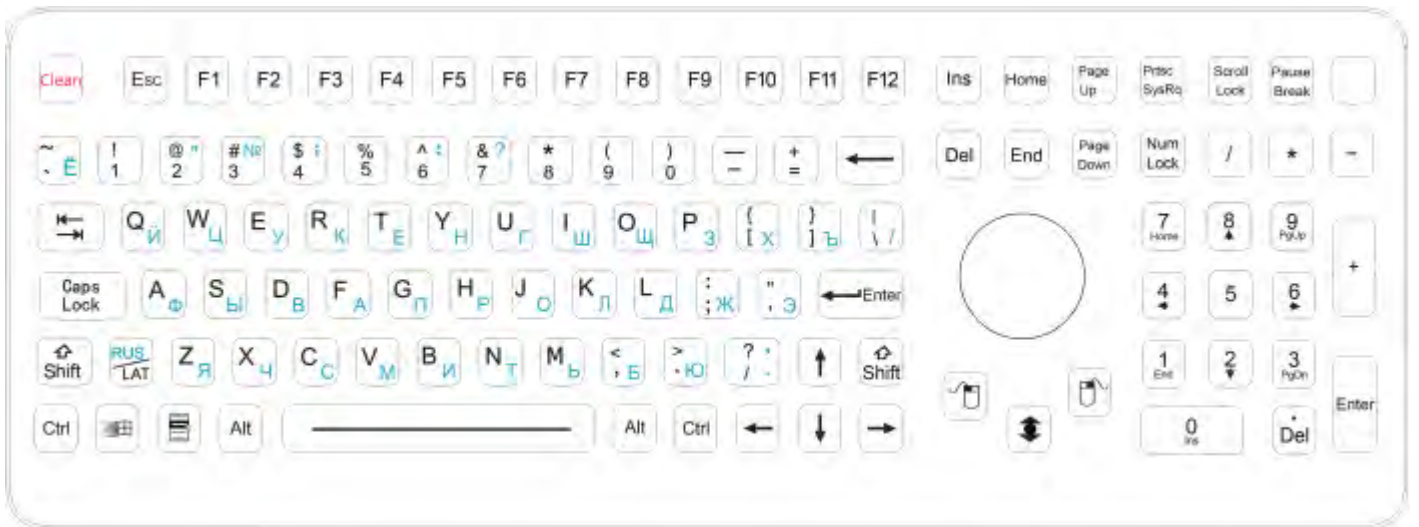
### KOREAN



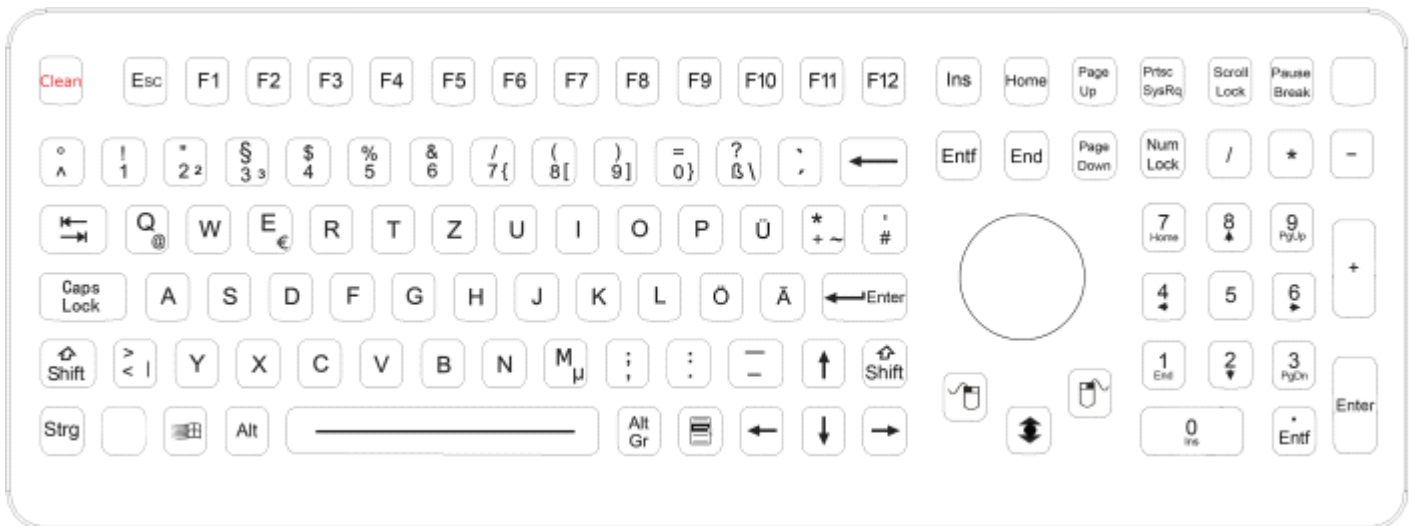
### FINNISH



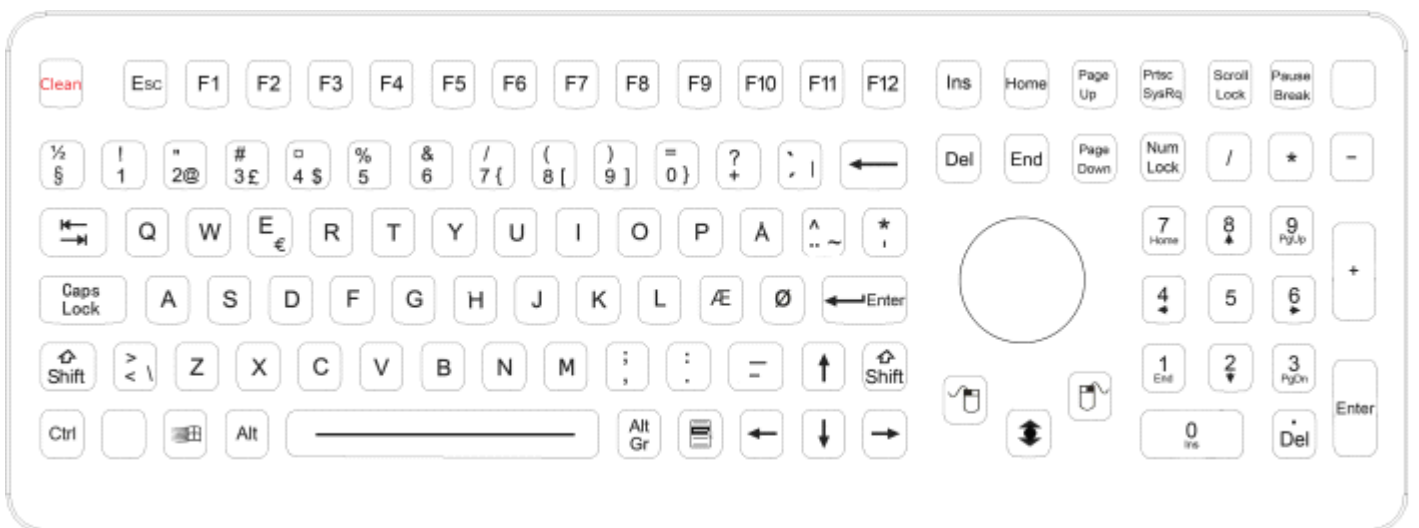
### FRENCH



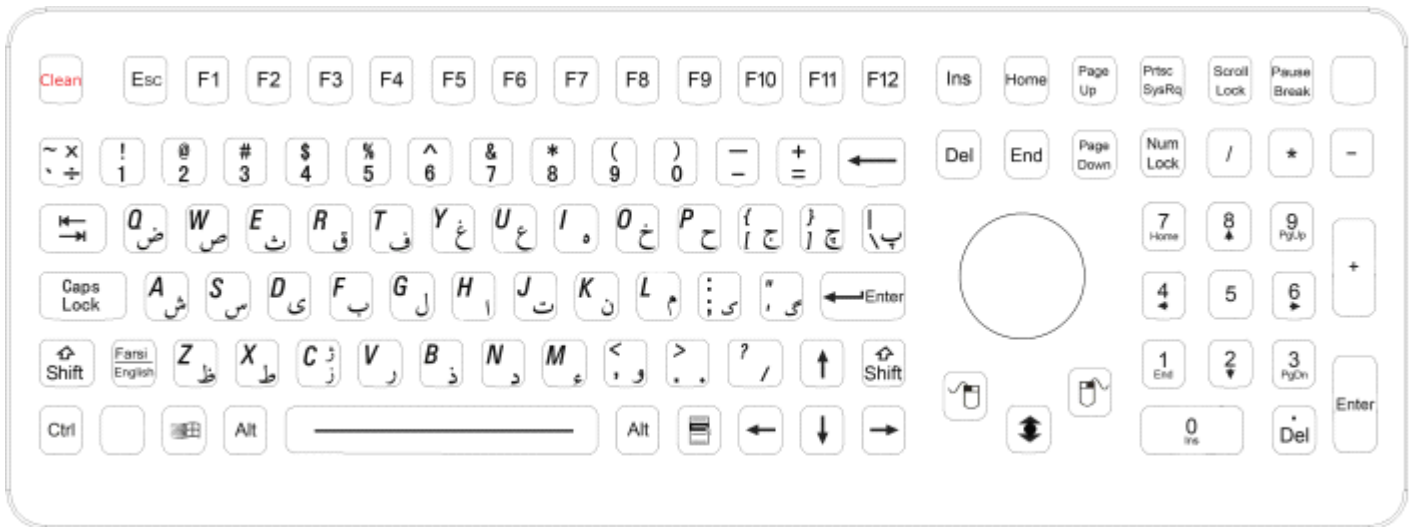
**RUSSIAN**



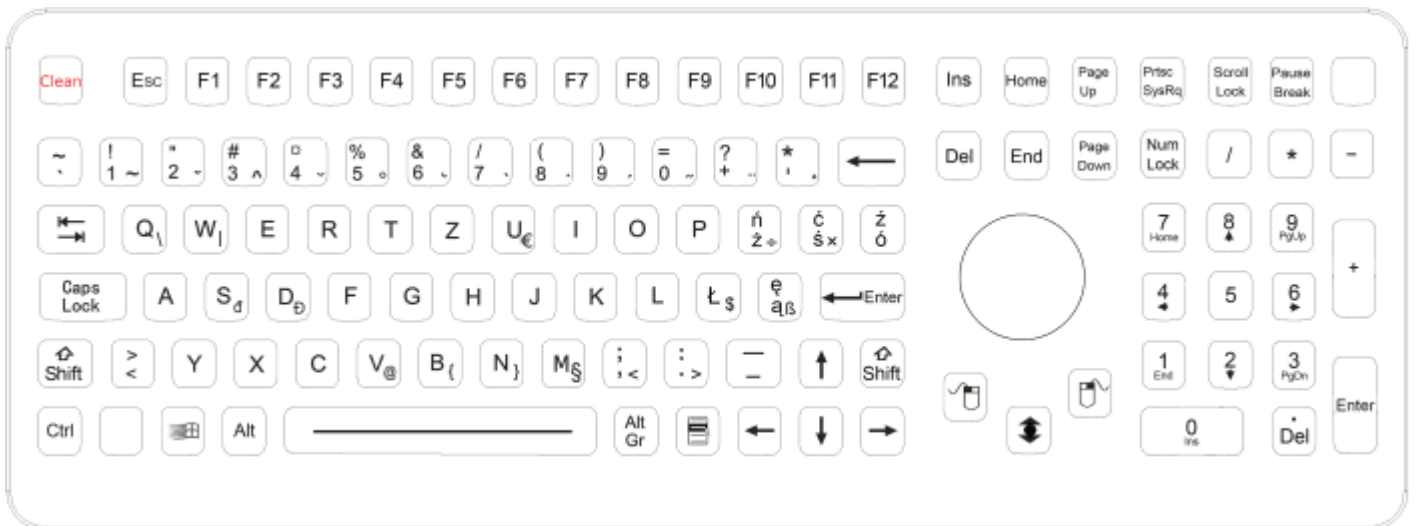
**GERMANY**



**DENMARK**



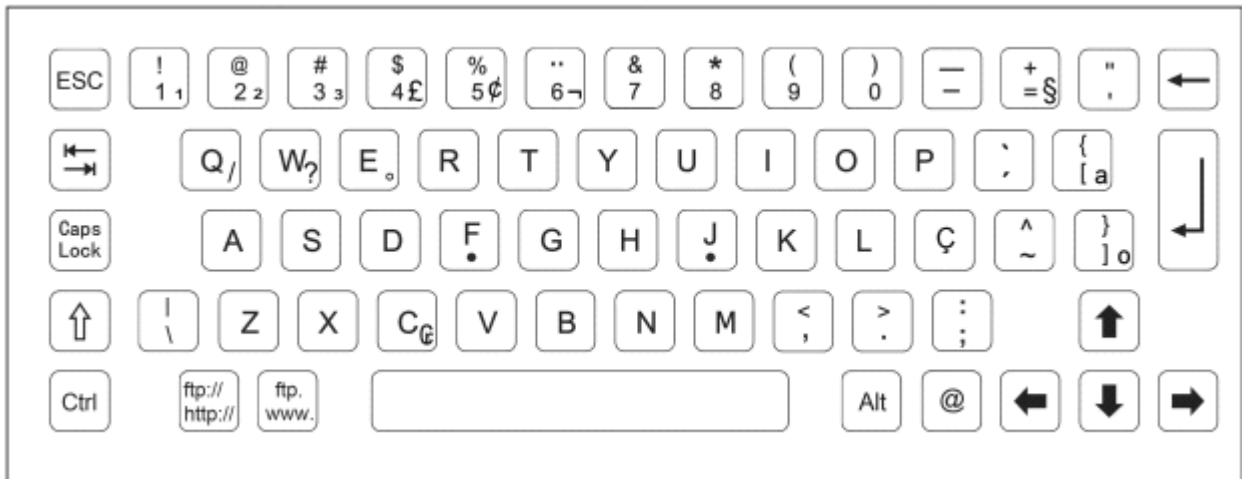
**FARSI**



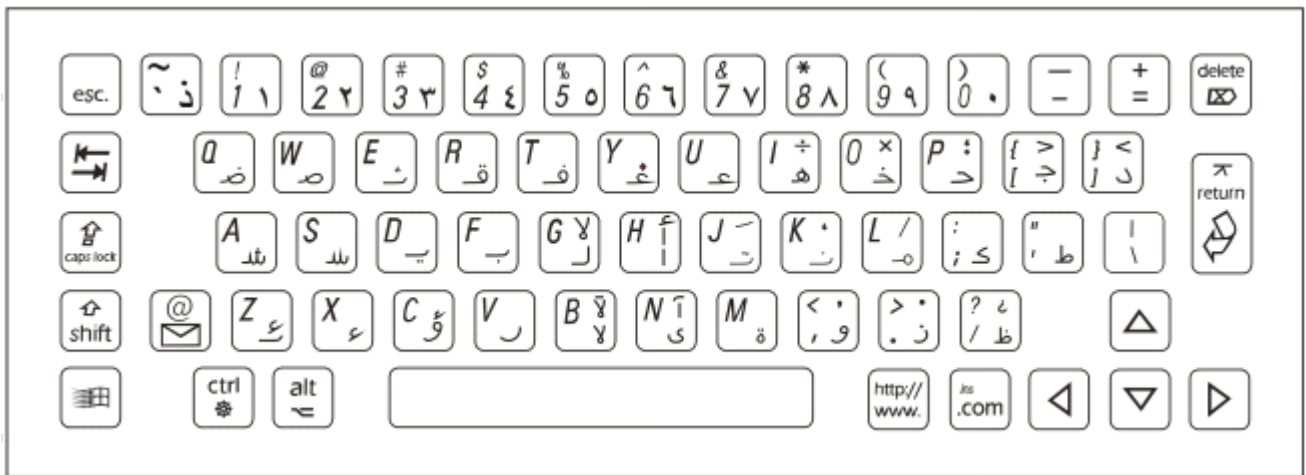
**POLAND**



**BELGIUM**



**Brazil-Portugal**



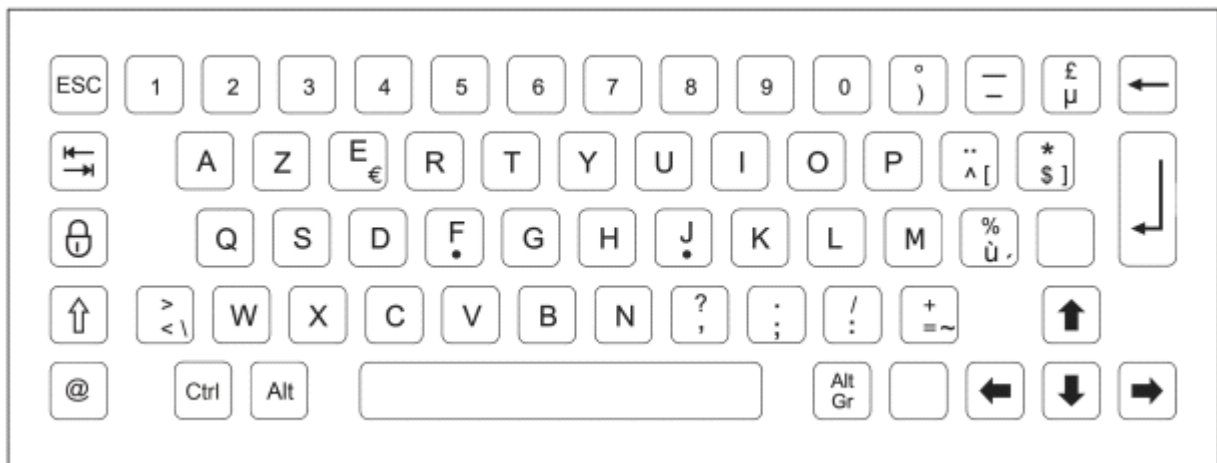
**ARABIC**



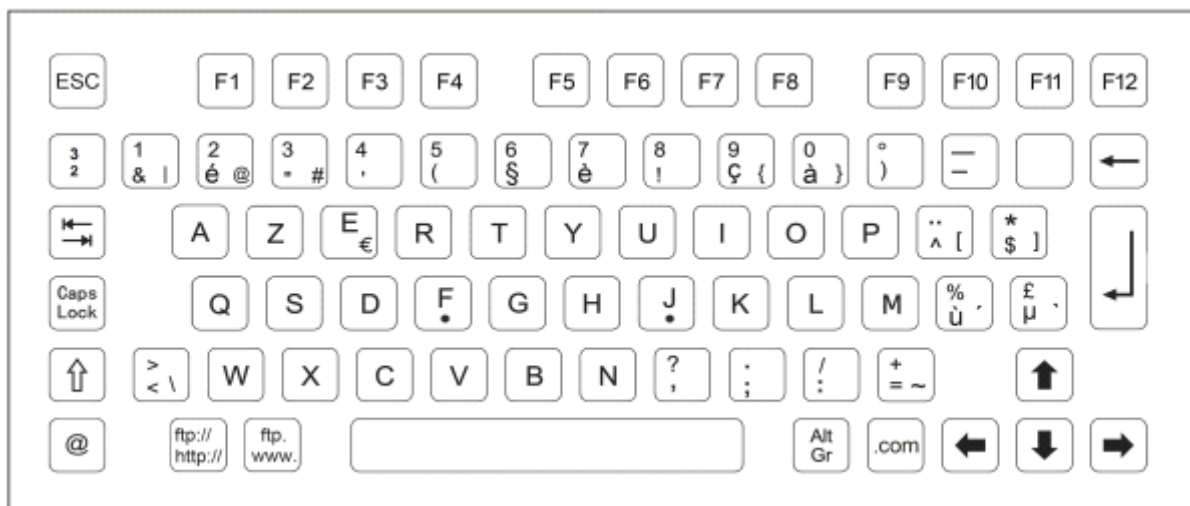
**PERSIA**



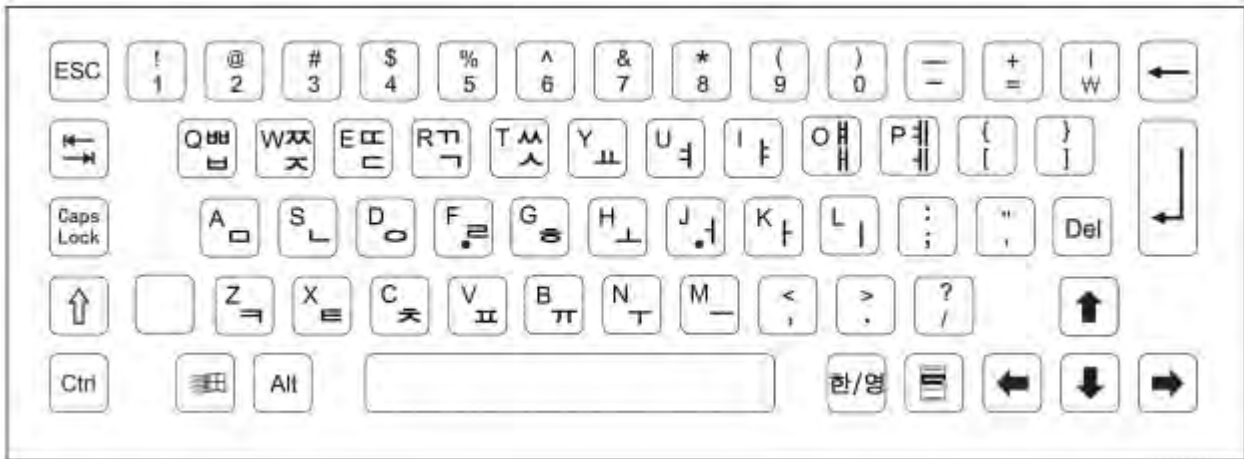
**GERMANY**



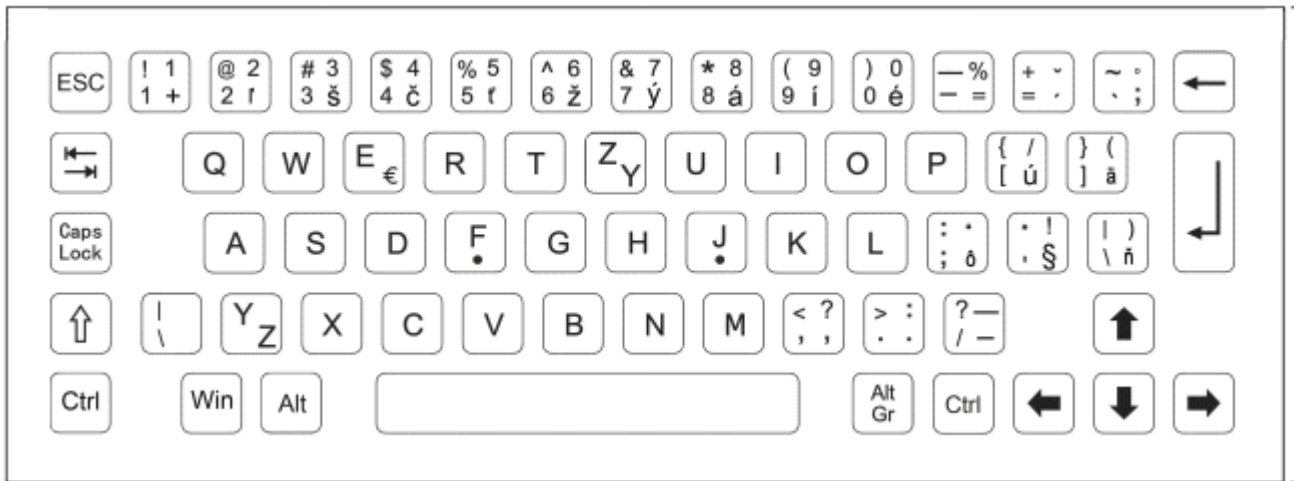
**FRANCH**



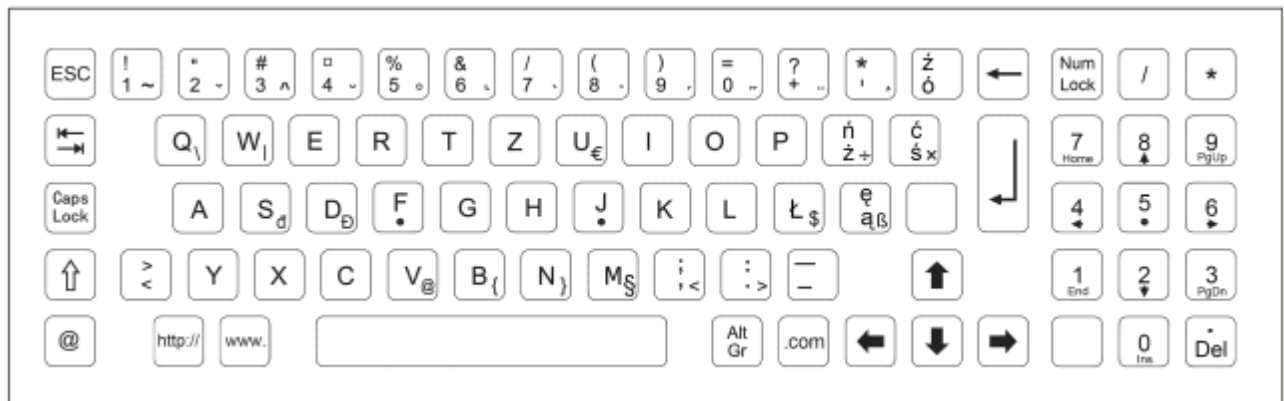
**Belgium**



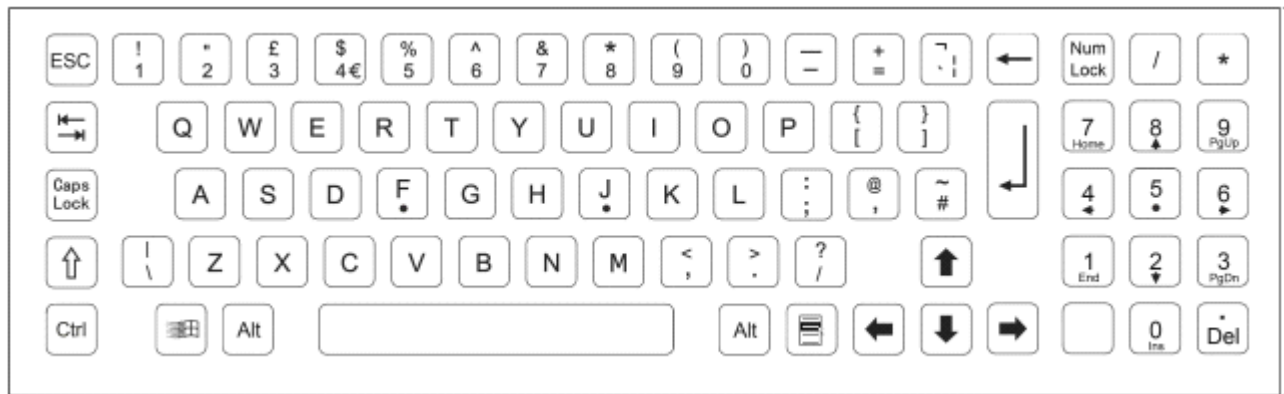
**KOREAN**



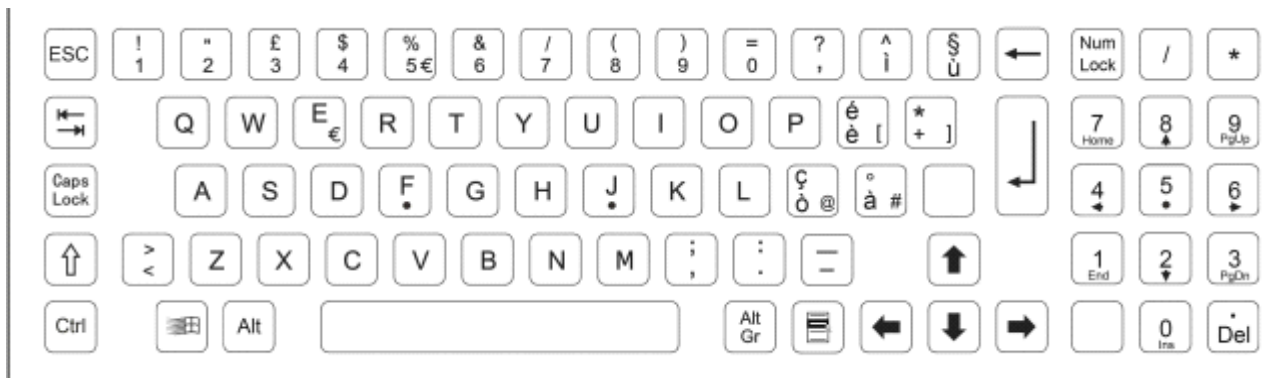
**SLOVAKIAN**



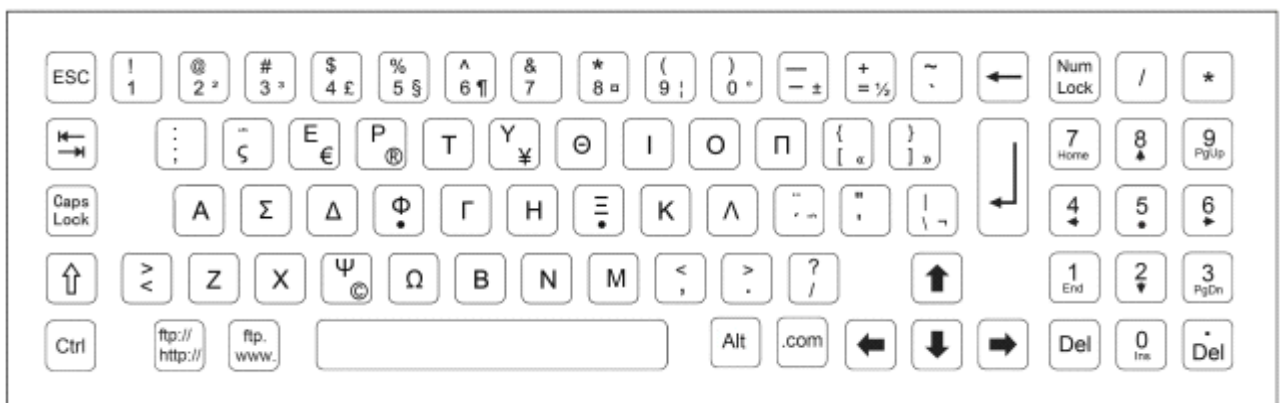
**POLAND**



**ENGLAND**

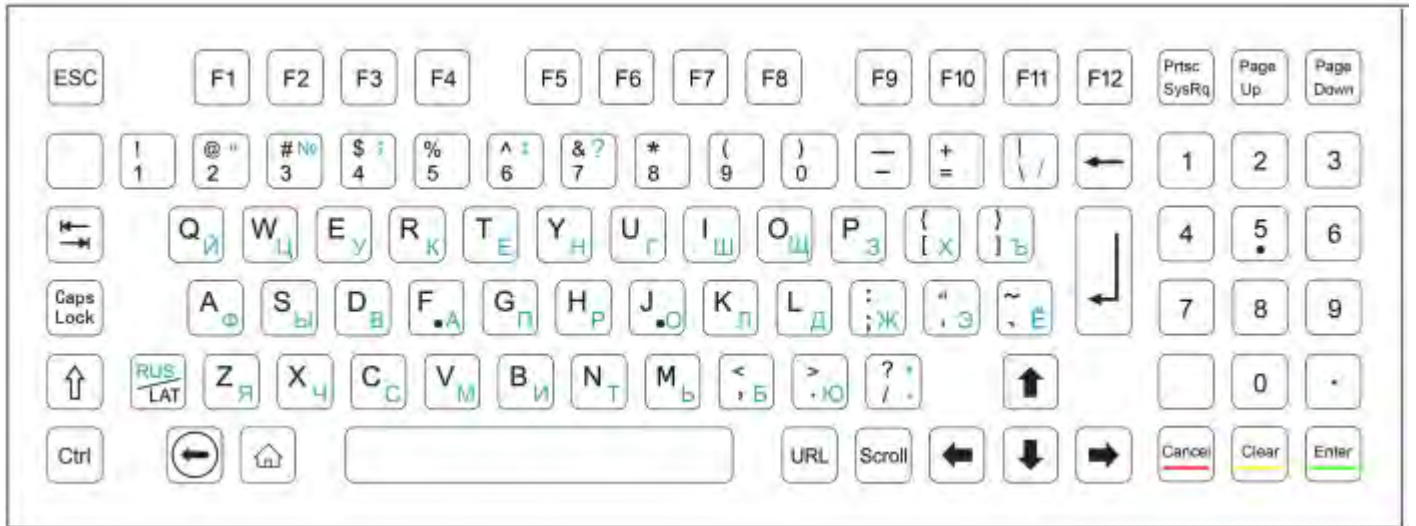


**ITALIAN**

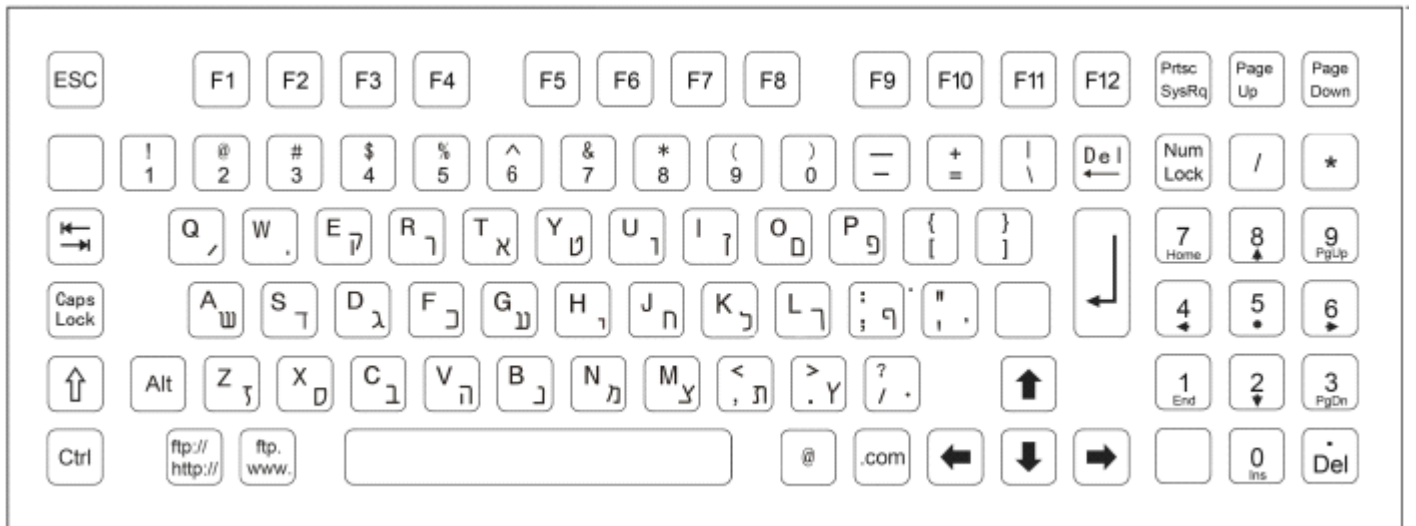


**GREECE**





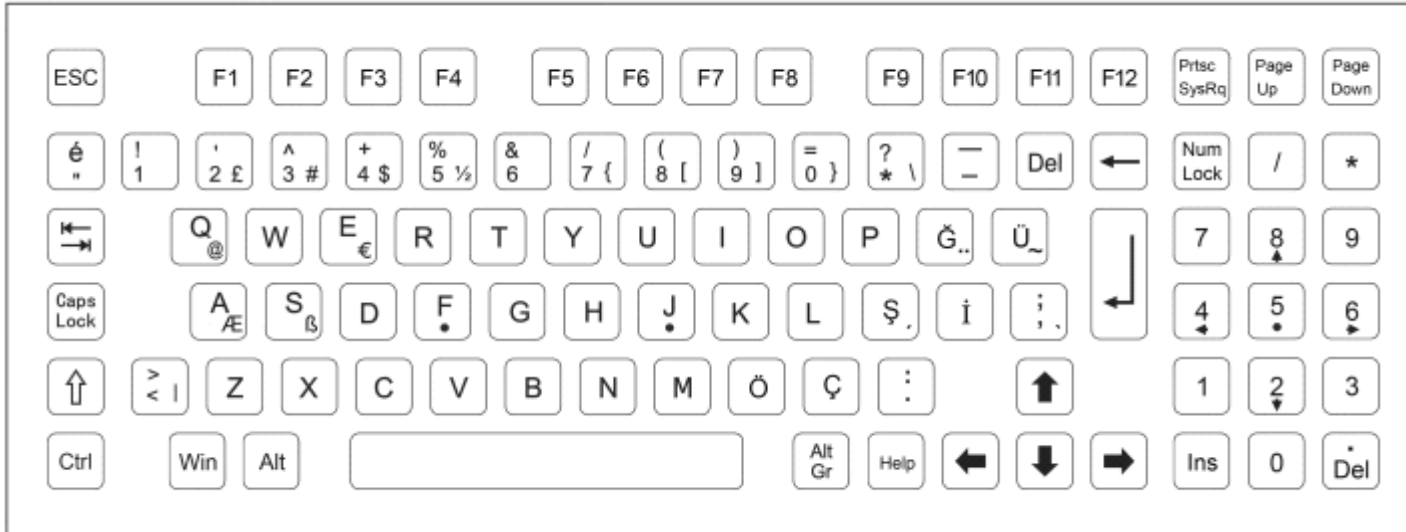
**RUSSIAN**



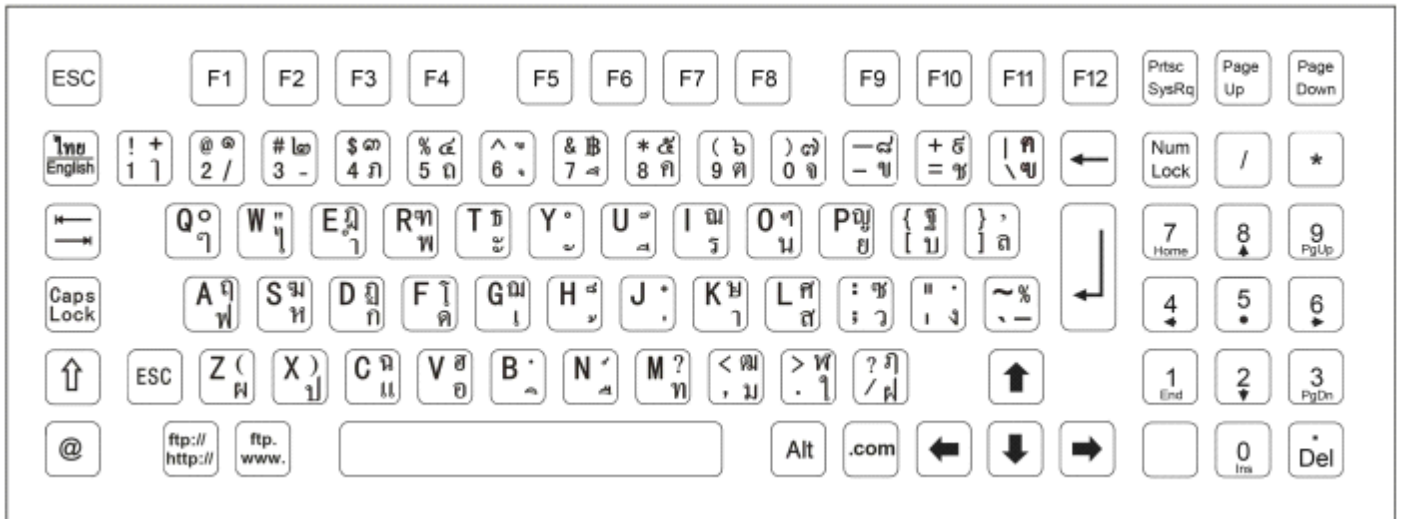
**HEBREW**



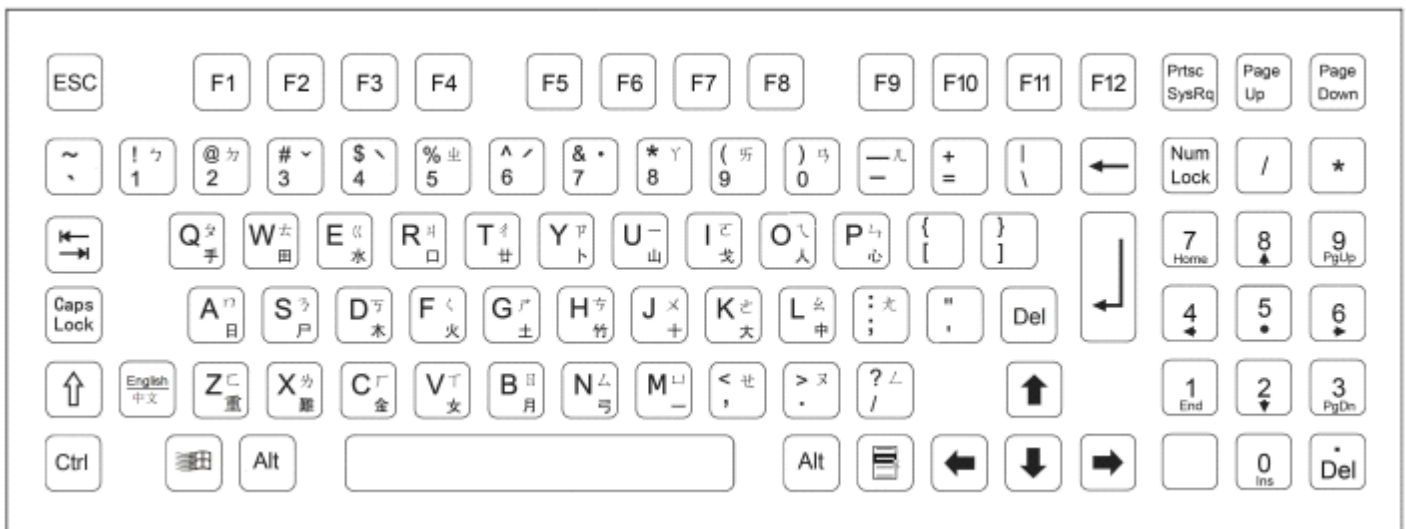
**SPANISH**



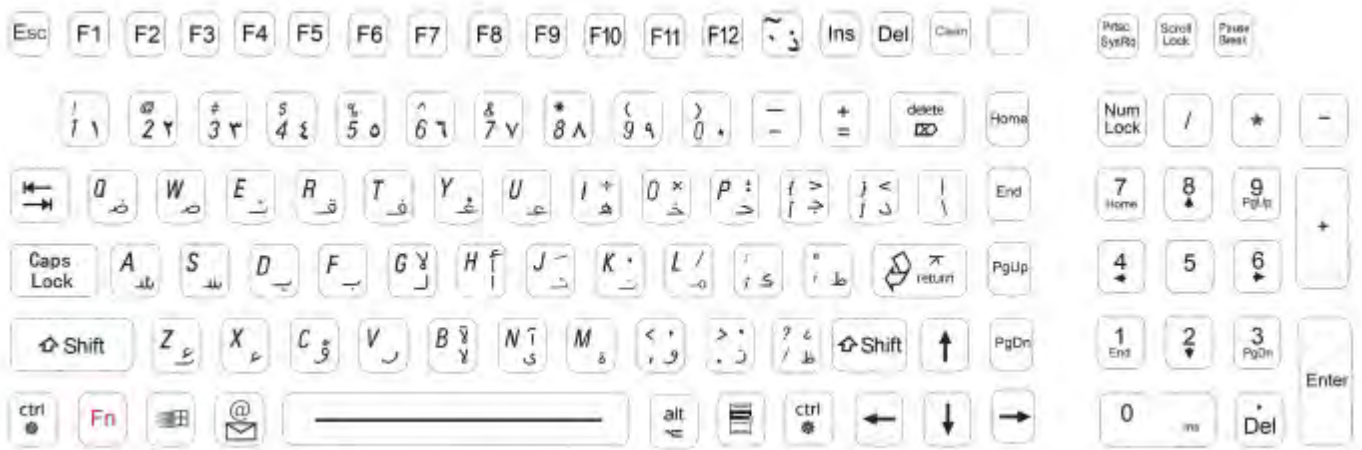
**TURKEY**



**THAILAND**



**TAIWAN-CHINESE LAYOUT**



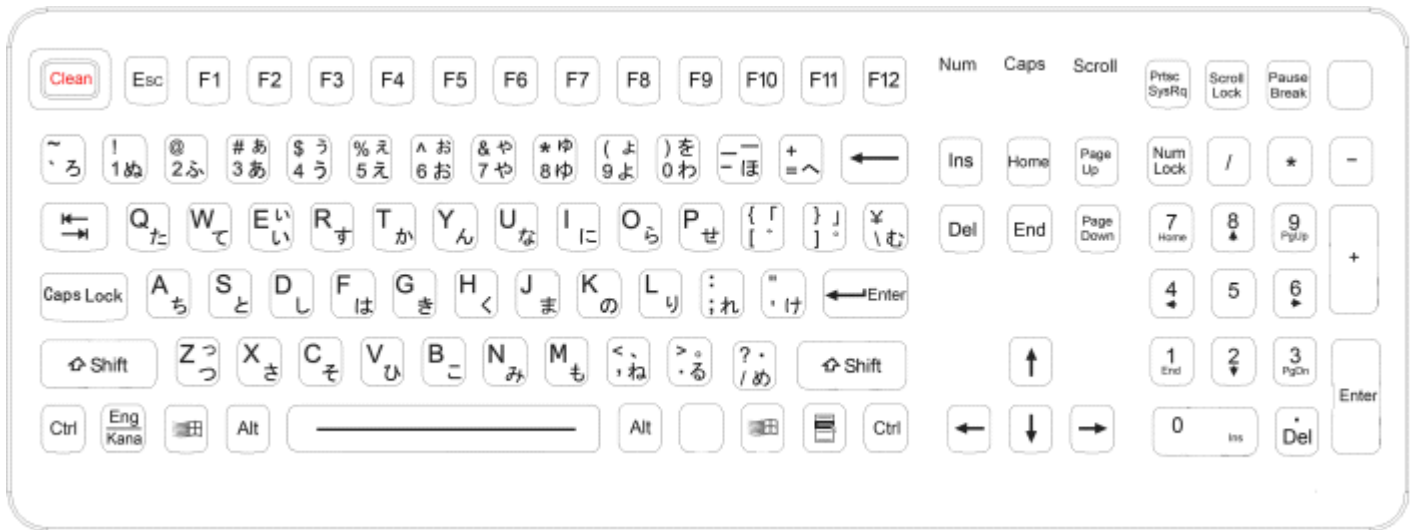
### ARABIC



### PORTUGAL



### HUNGARY



### JAPANESE



### HOLAND



### CANADA



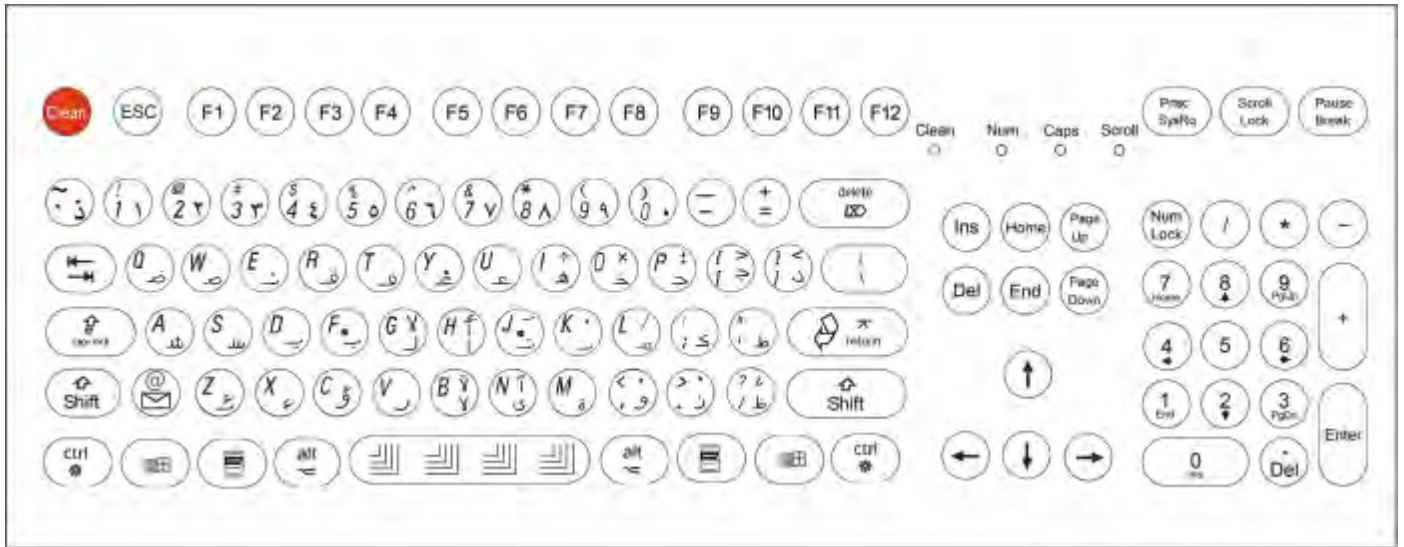
**CZECH**



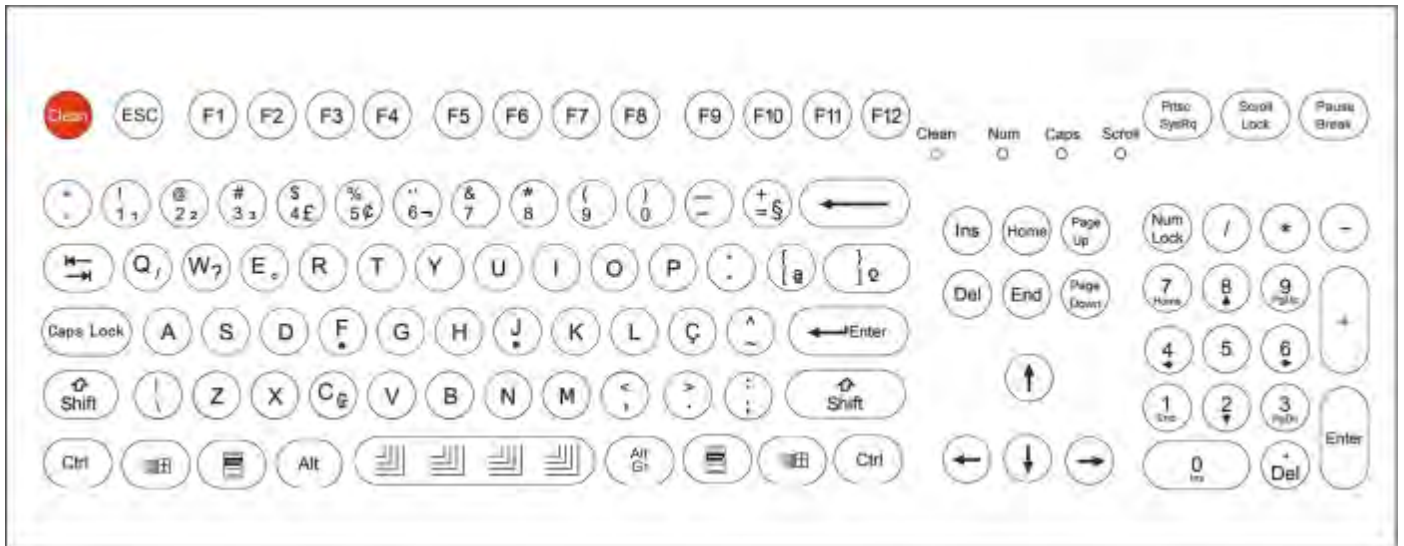
**U.S- STANDARD LAYOUT**



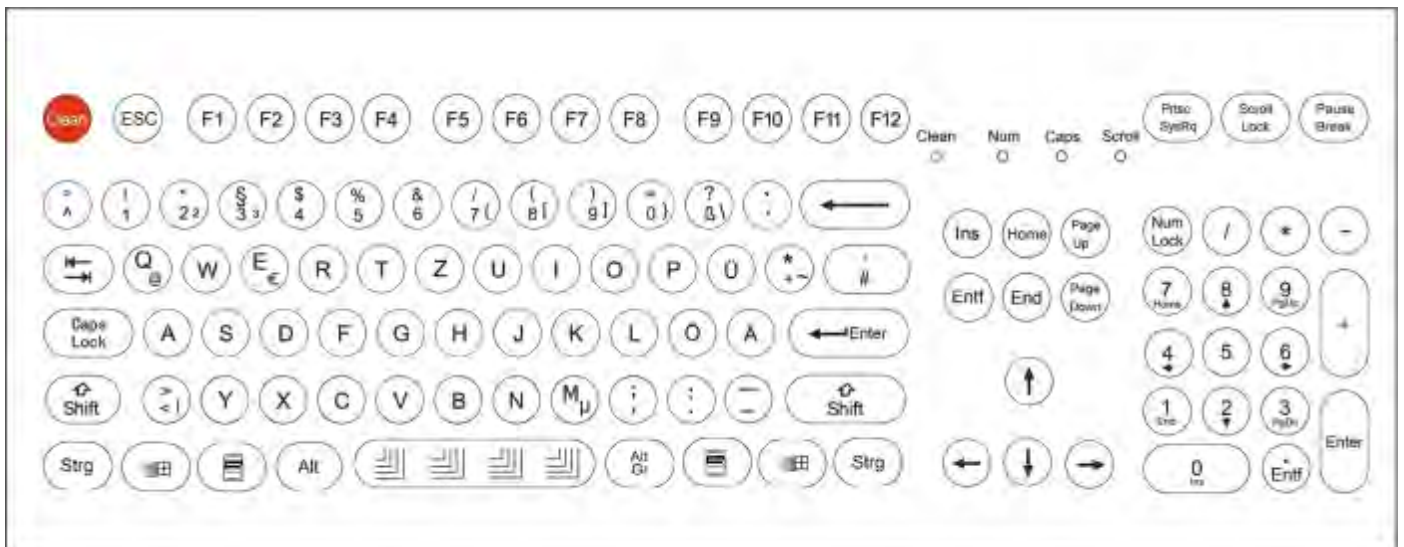
**FINNISH**



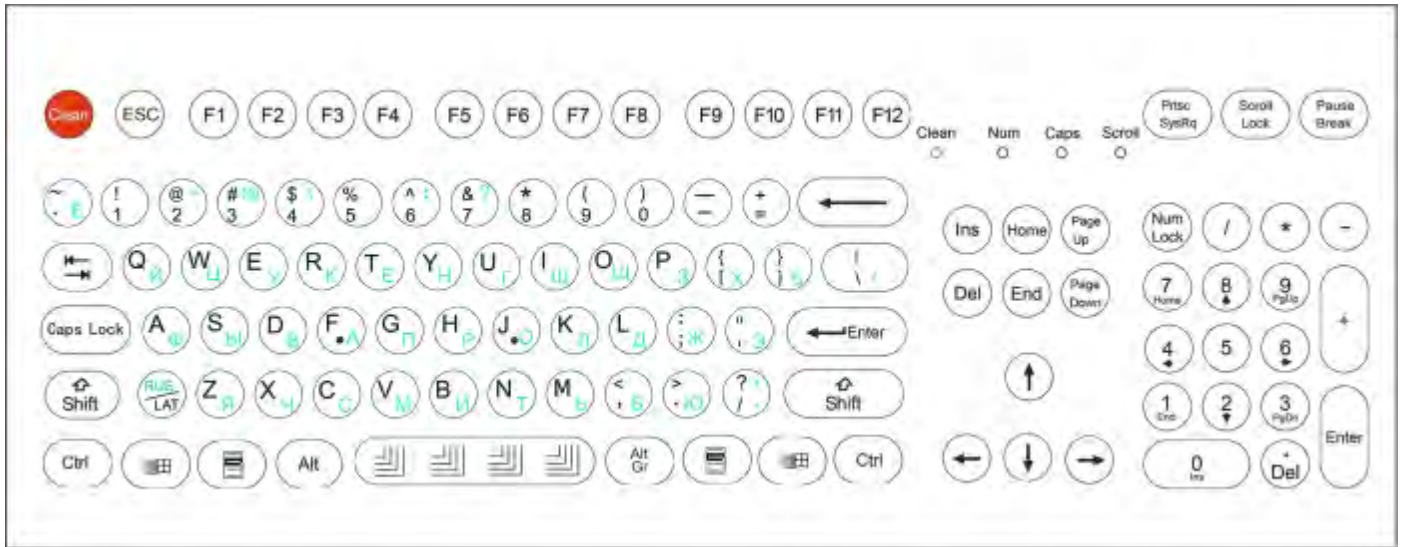
**ARABIC**



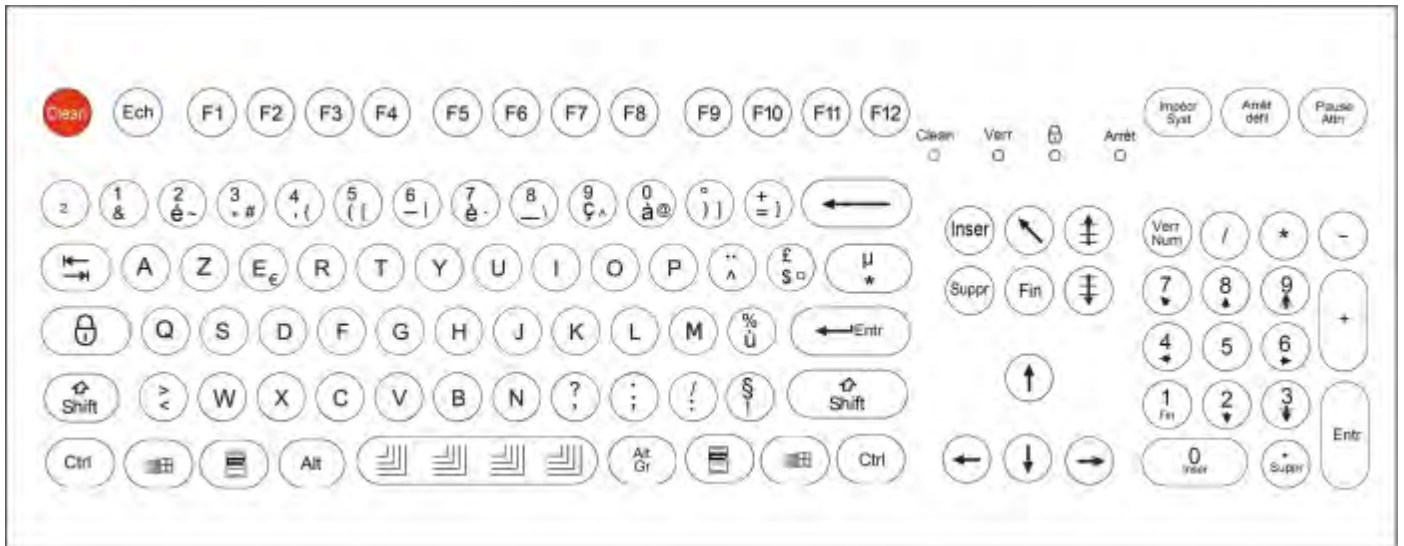
**BRAZIL-PORTUGAL LAYOUT**



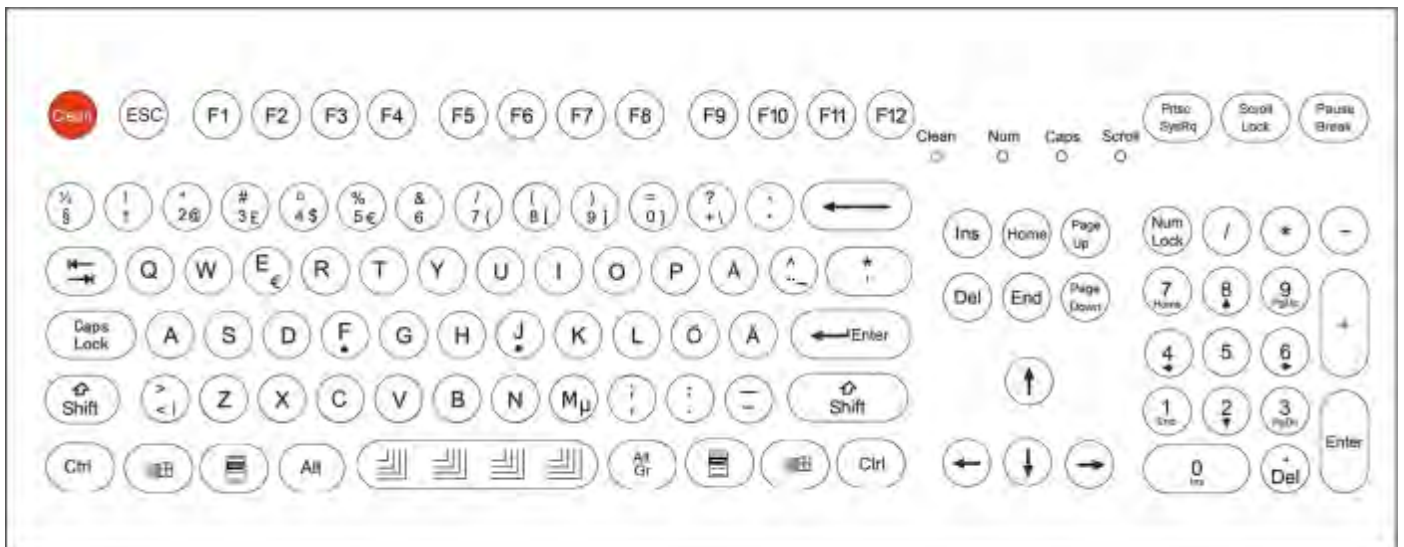
**GERMANY**



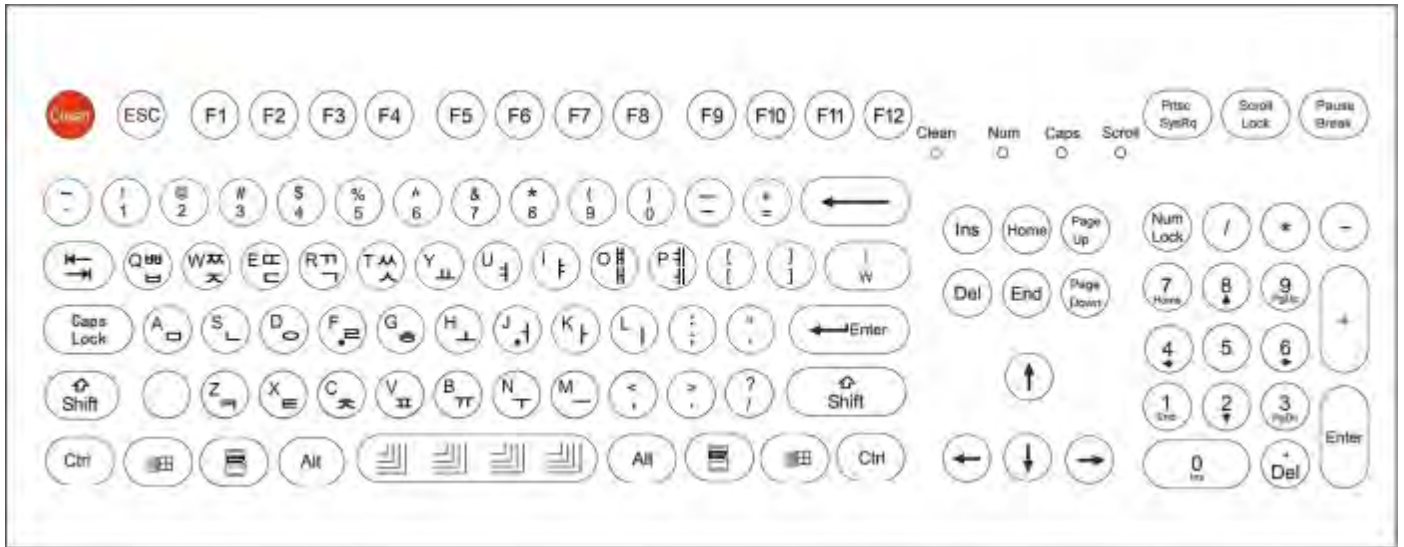
**RUSSIAN**



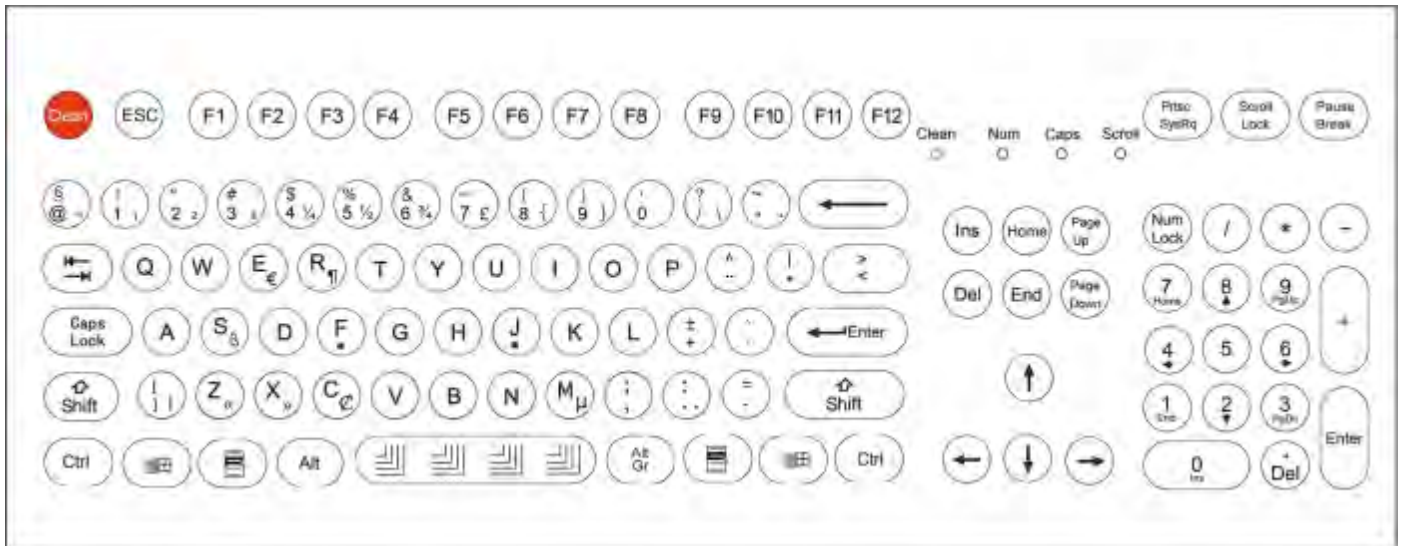
**FRANCH**



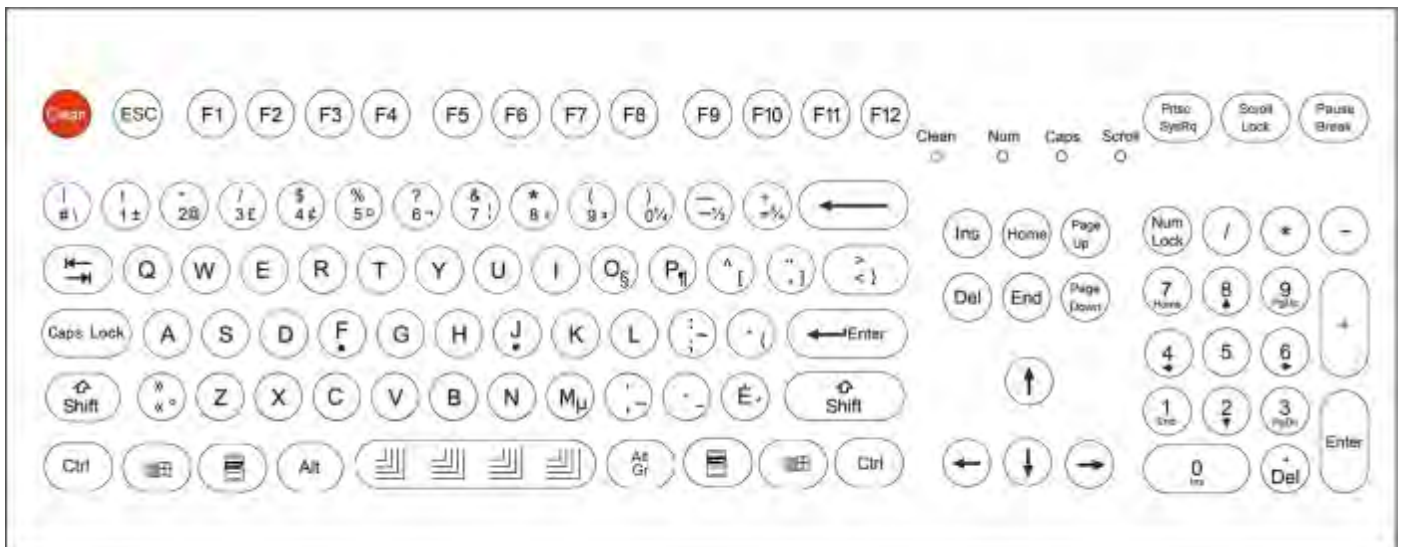
**FINNISH**



**KOREAN**

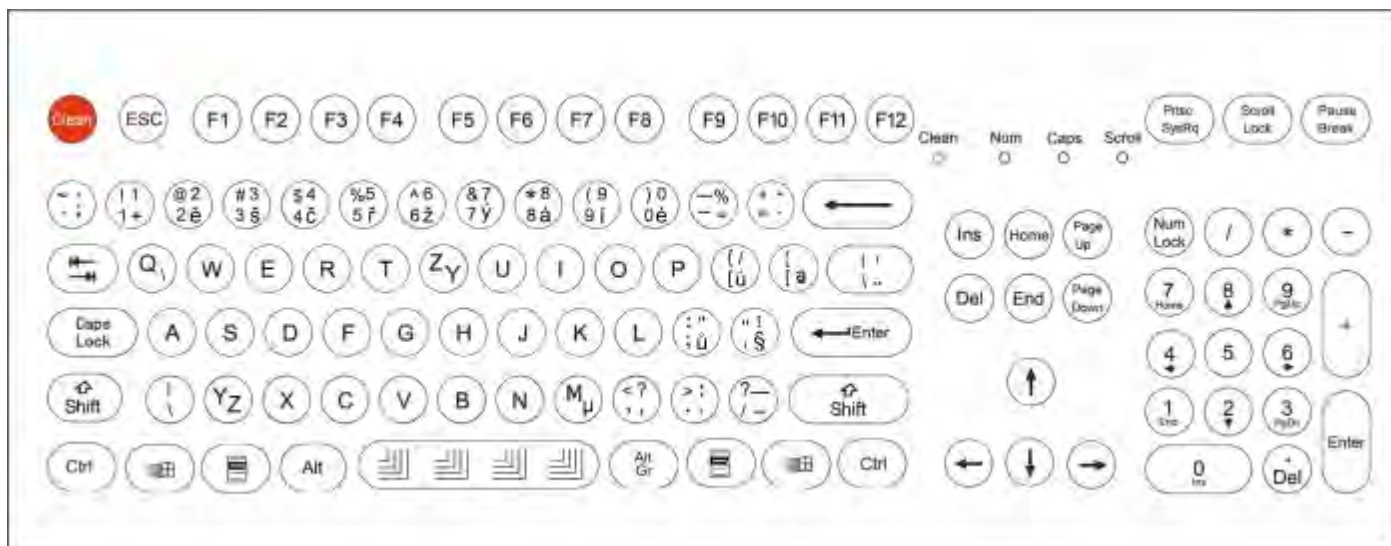


**HOLAND**

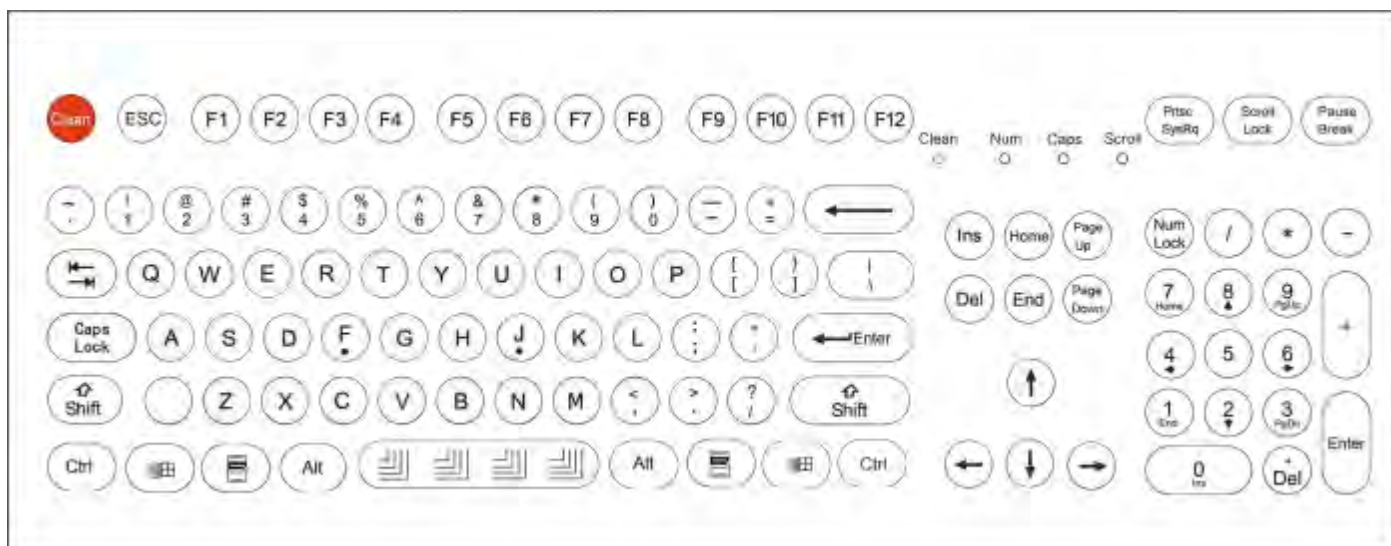


**CANADA**

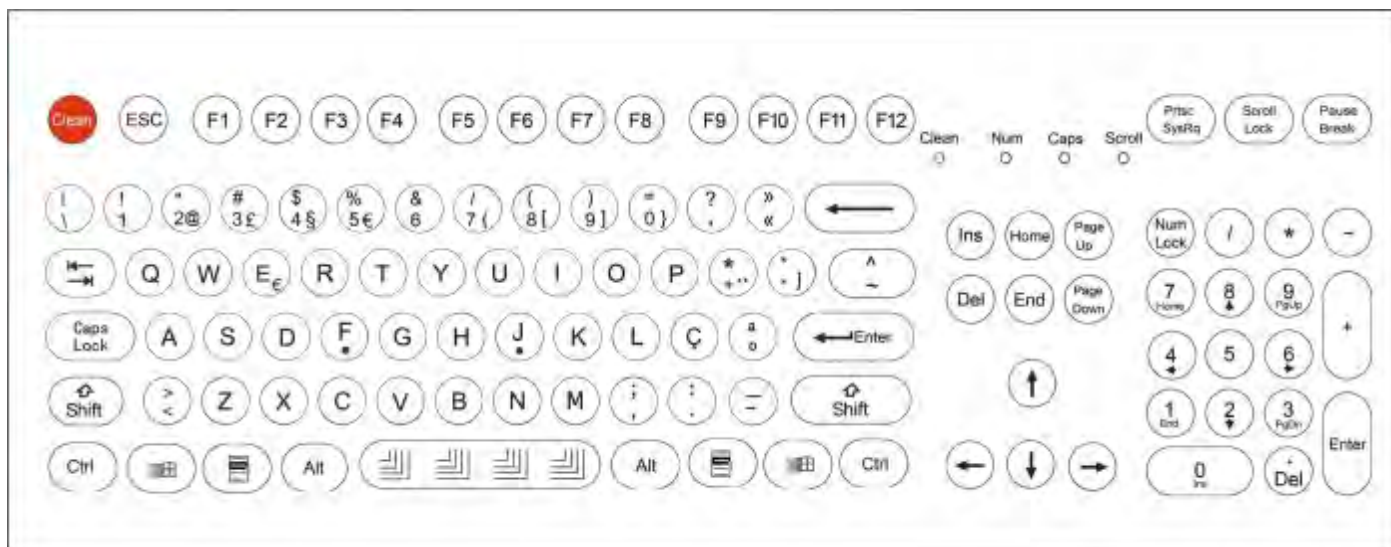




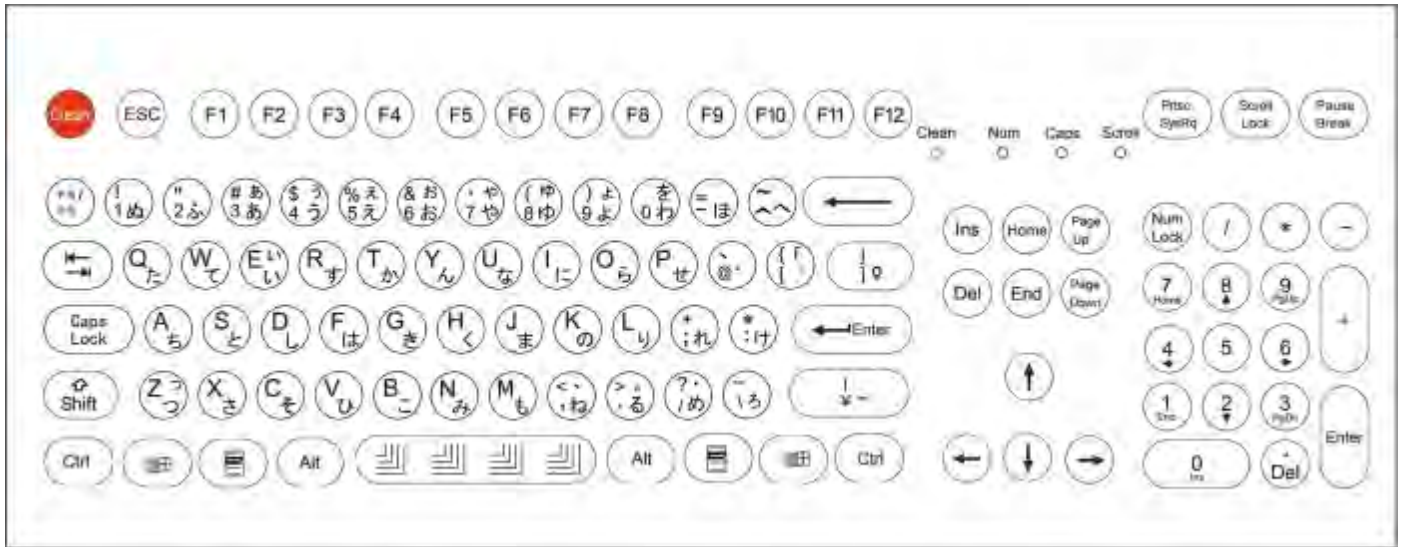
**CZECH**



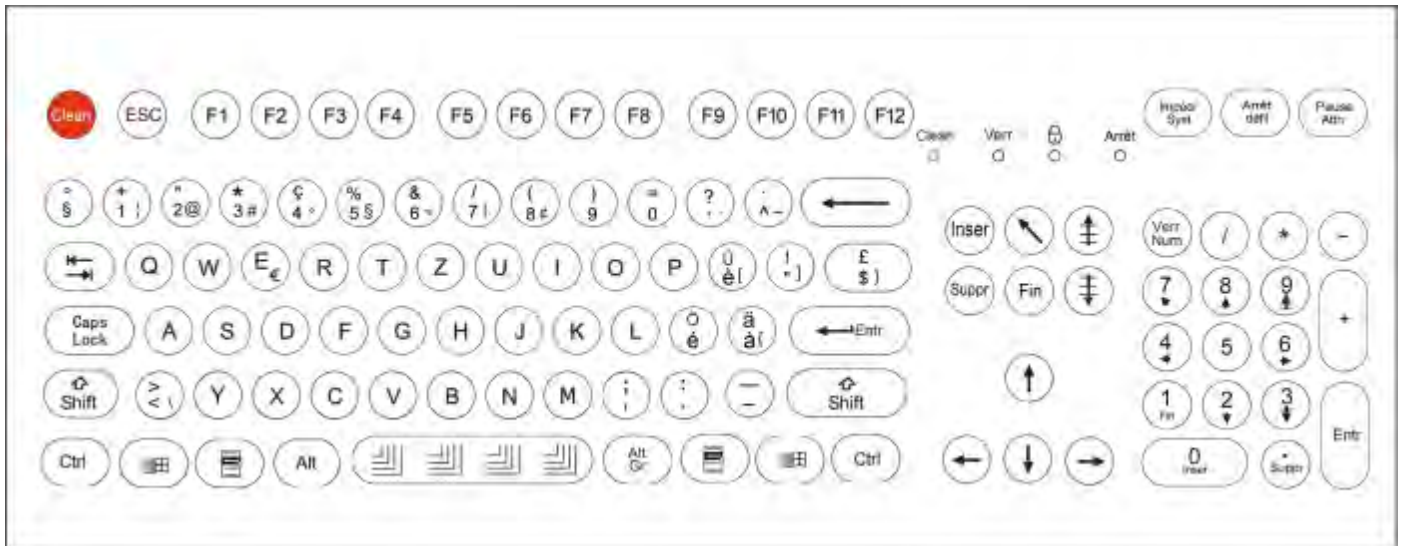
**US-AMERICAN**



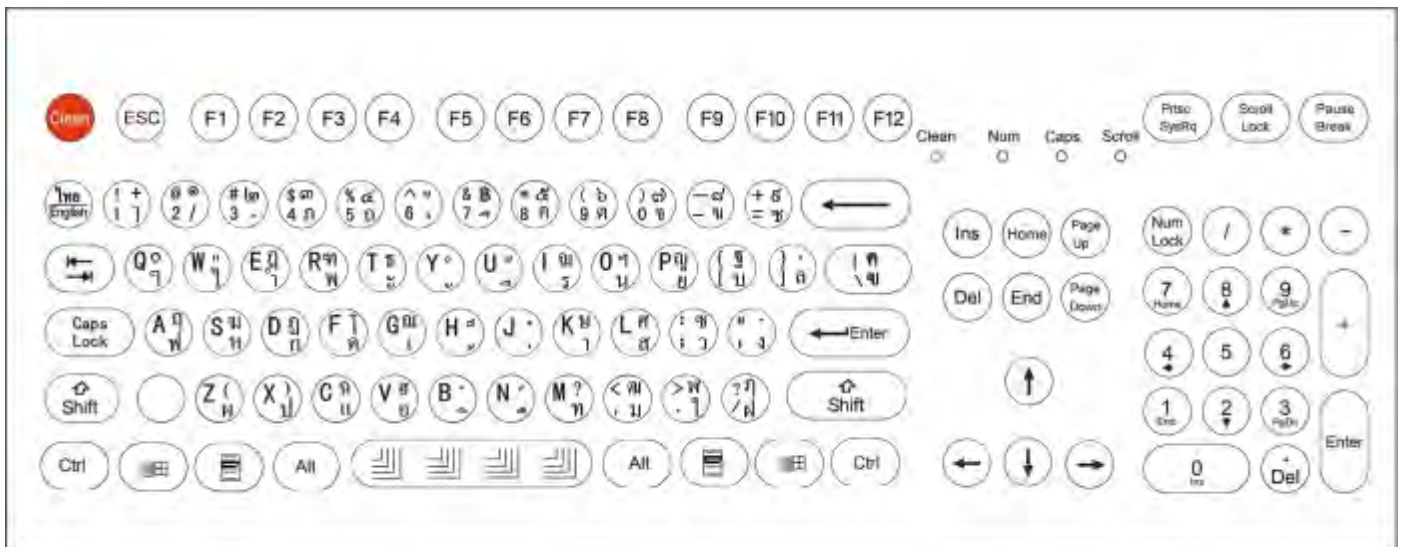
**PORTUGUESE**



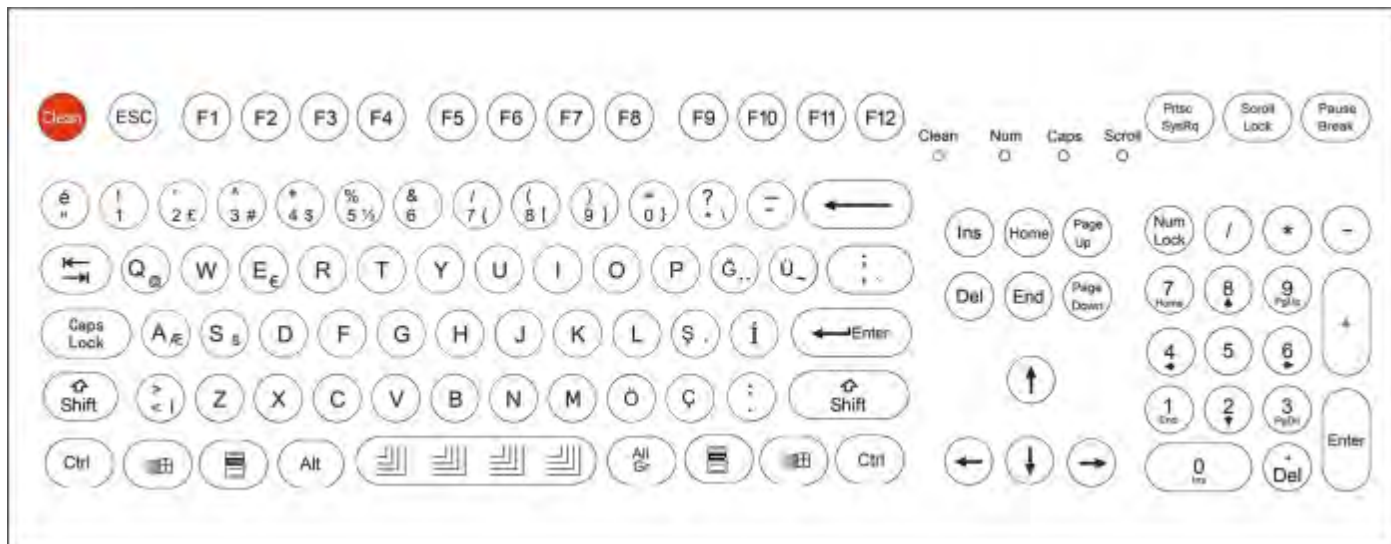
**JAPAN**



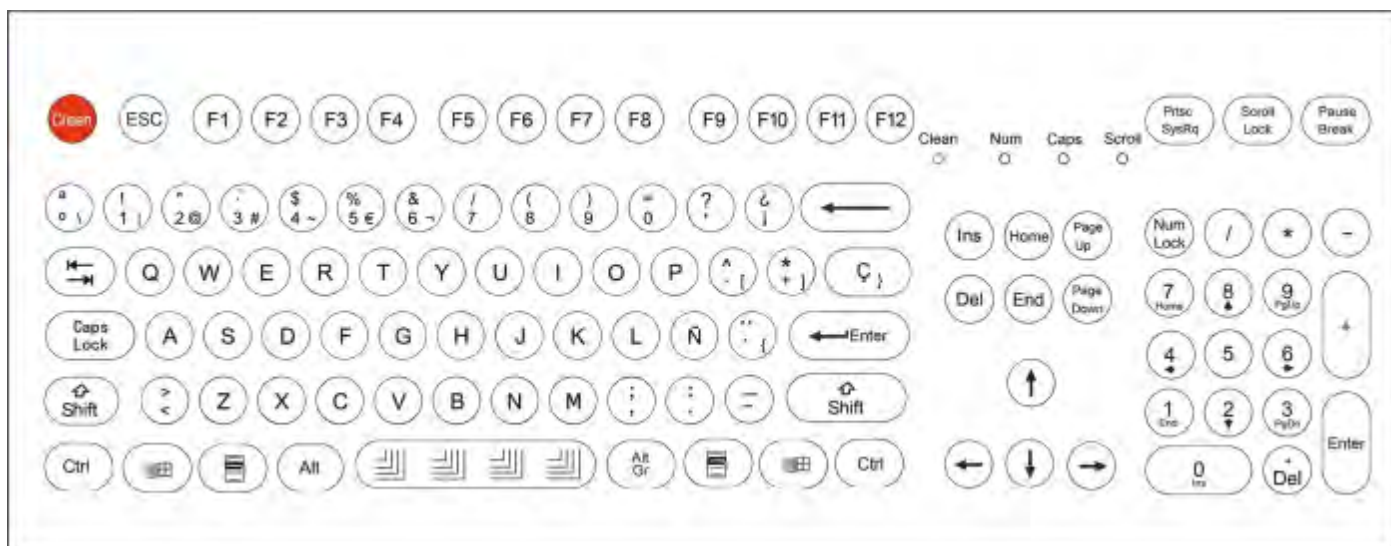
**SWITZERLAND**



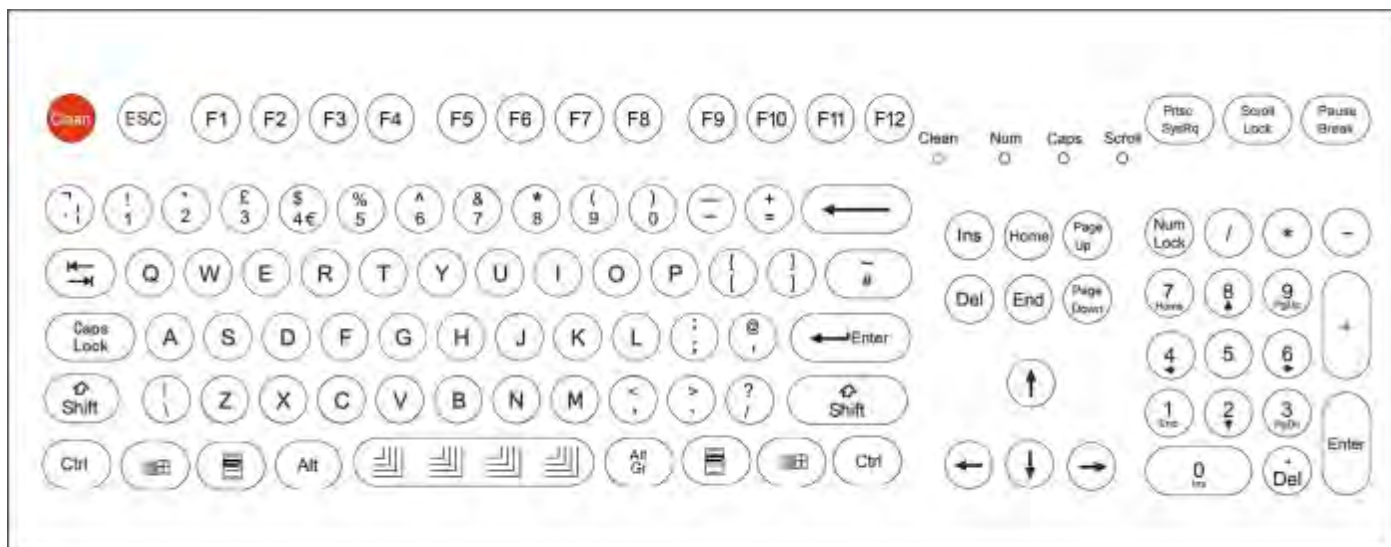
**THAILAND**



### TURKEY

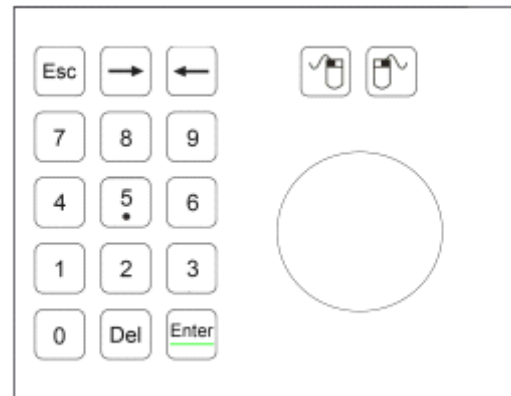
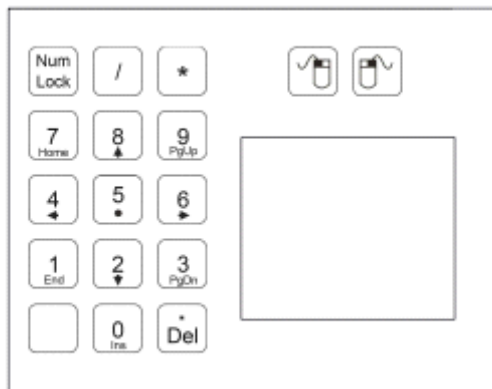


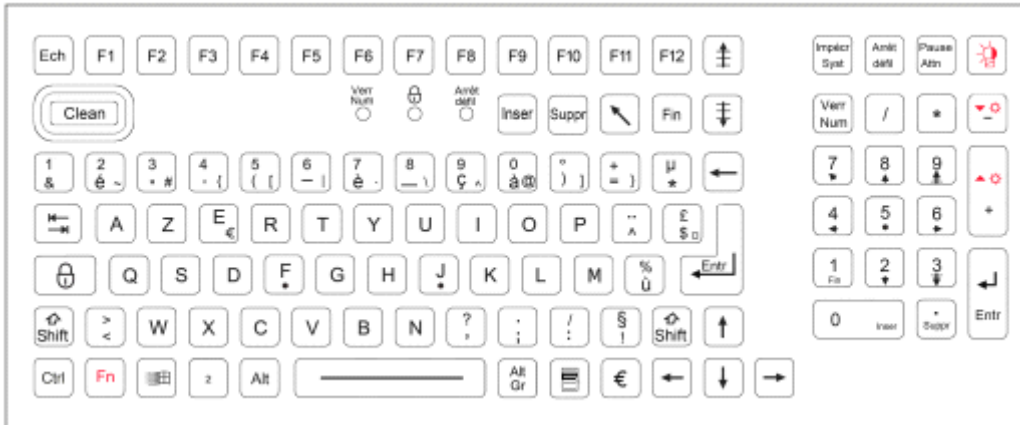
### SPANISH



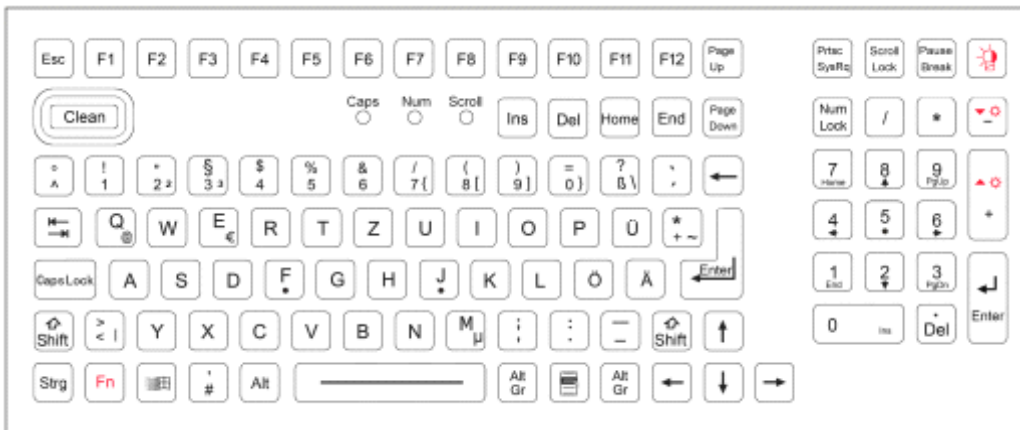
### ENGLAND

## METAL KEYPAD LAYOUT

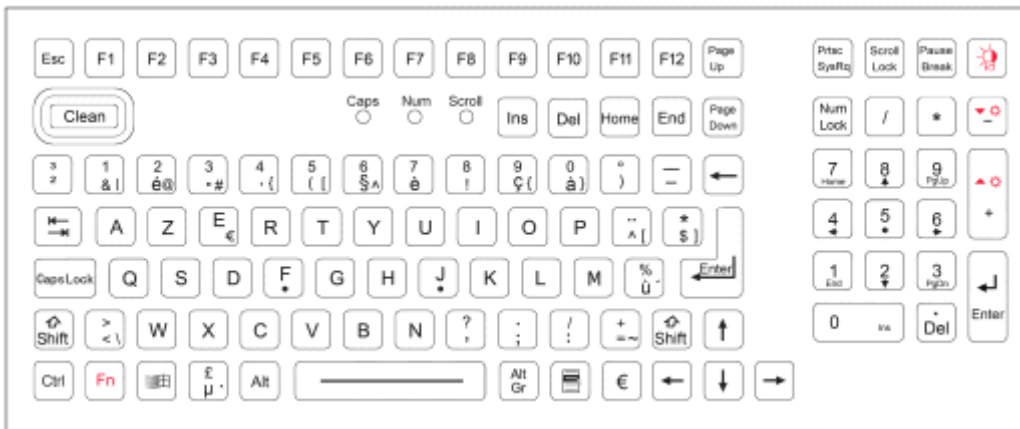




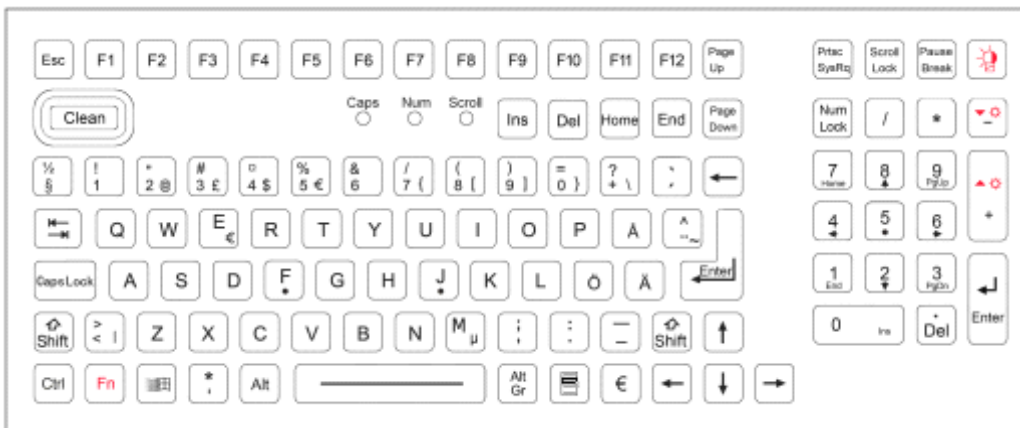
**French**



**German**



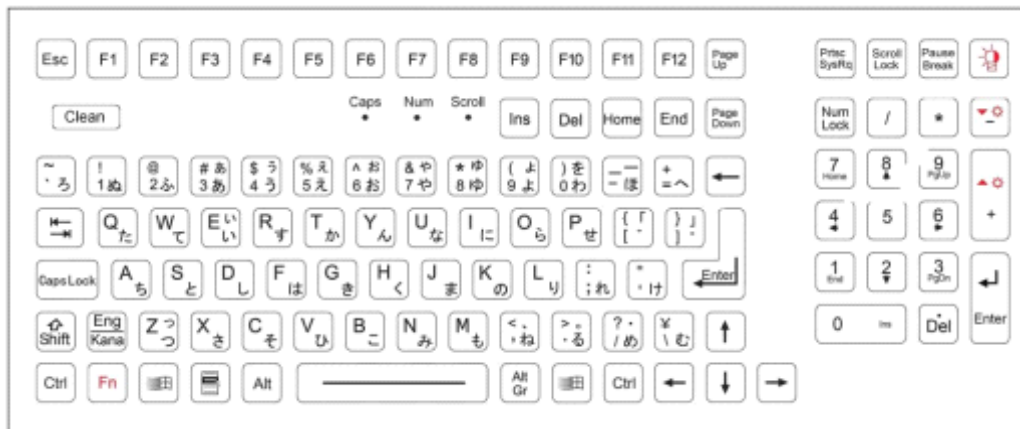
**Dutch**



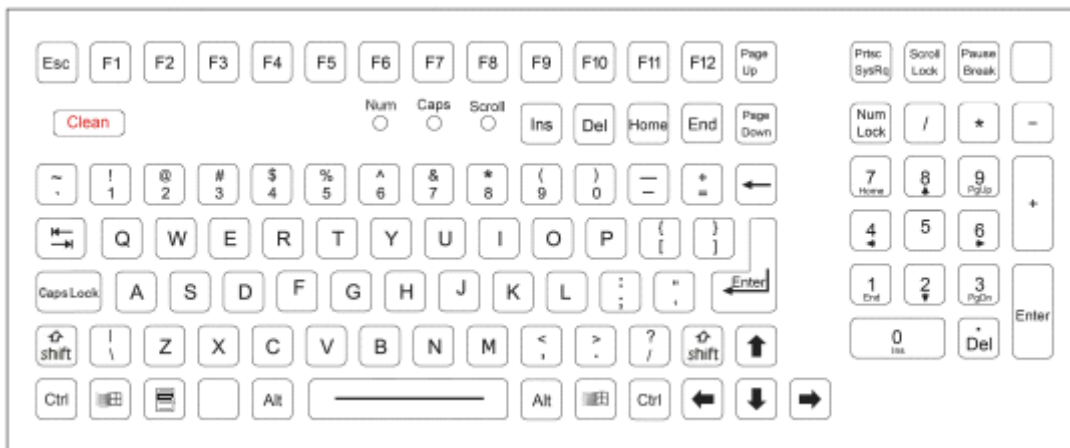
**Swedish**



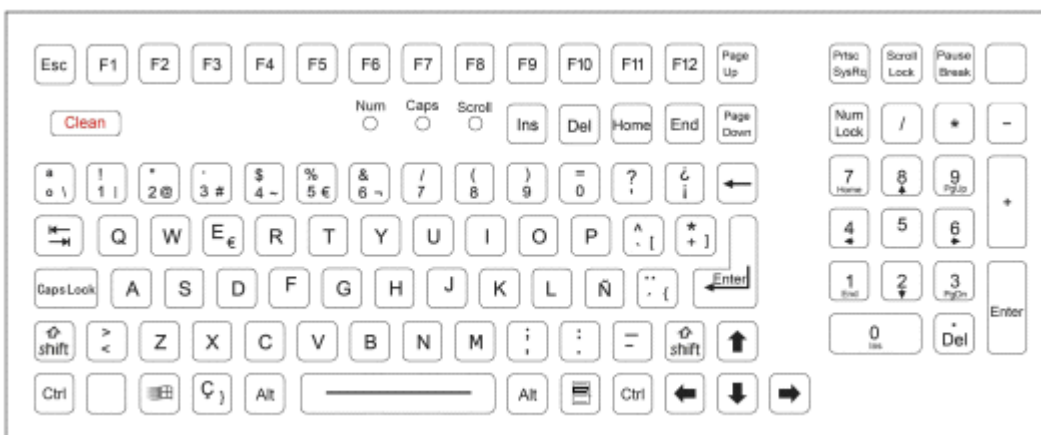
**US English**



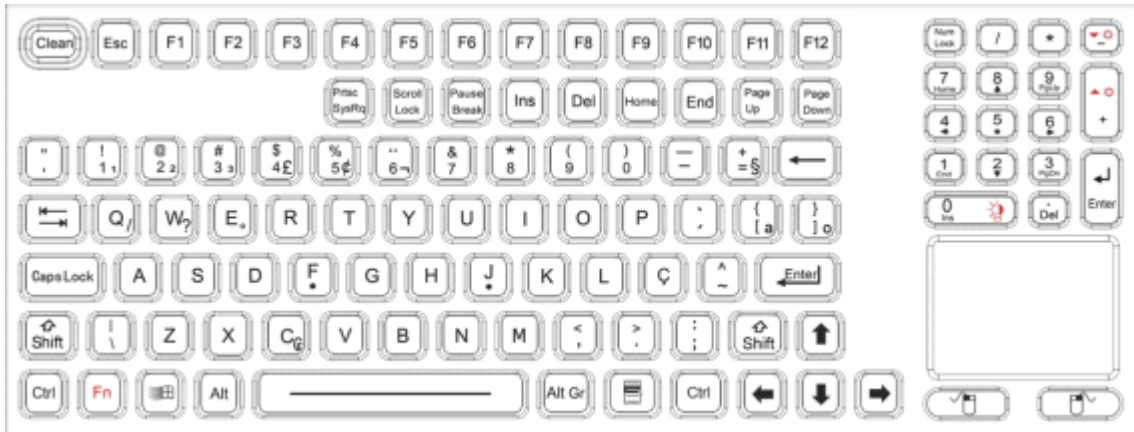
**Japanese**



**US ENGLISH**



**SPANISH**



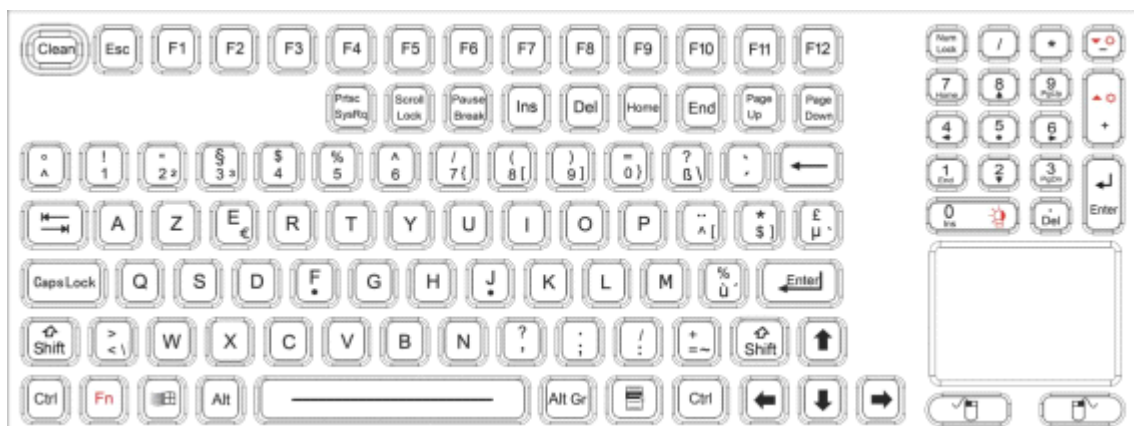
**Brazilian-Portuguese**



**FRANCH**



**German**



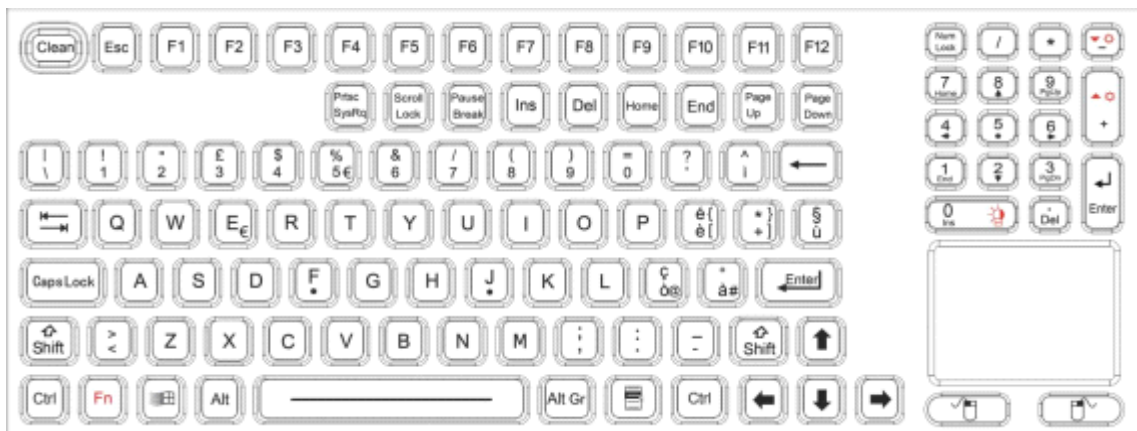
**Belgium-Dutch**



**US English**



**UK English**

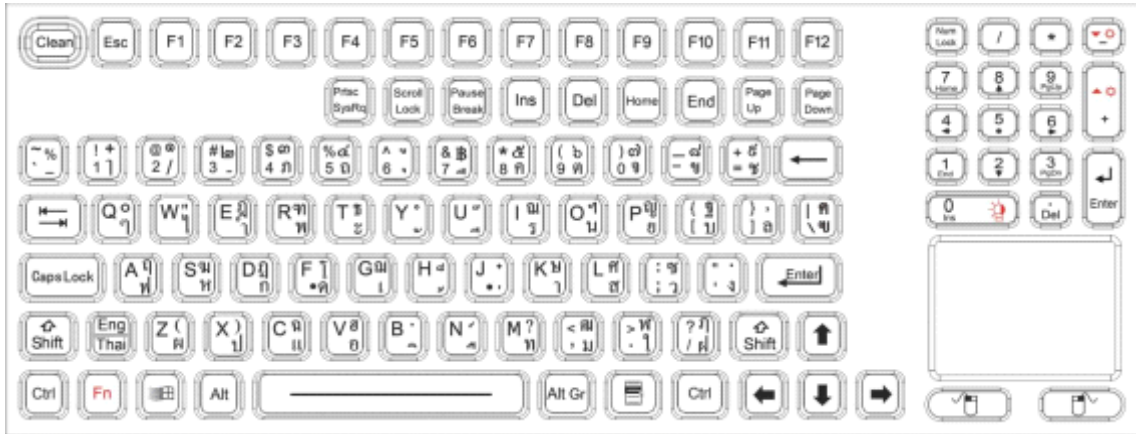


**Italian**

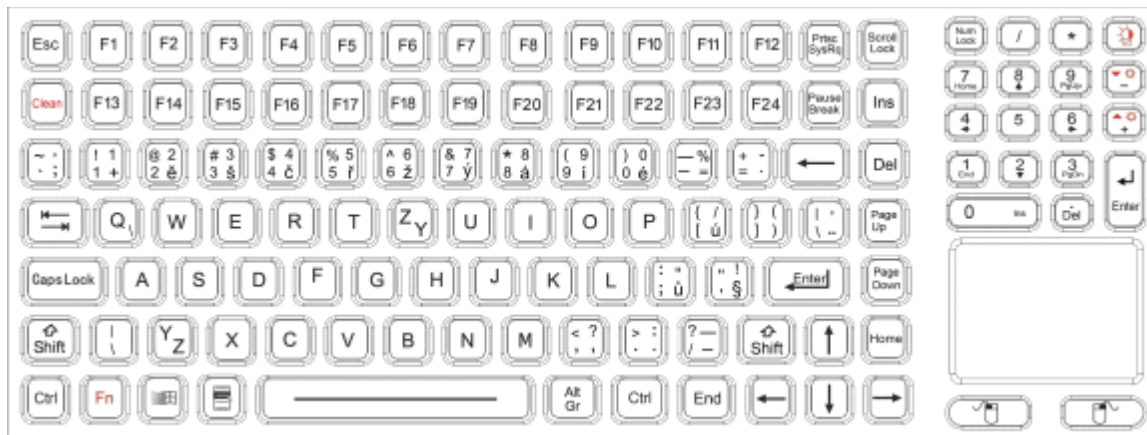


**Japanese**





**Thailand**



**CZECH**



**TURKEY**



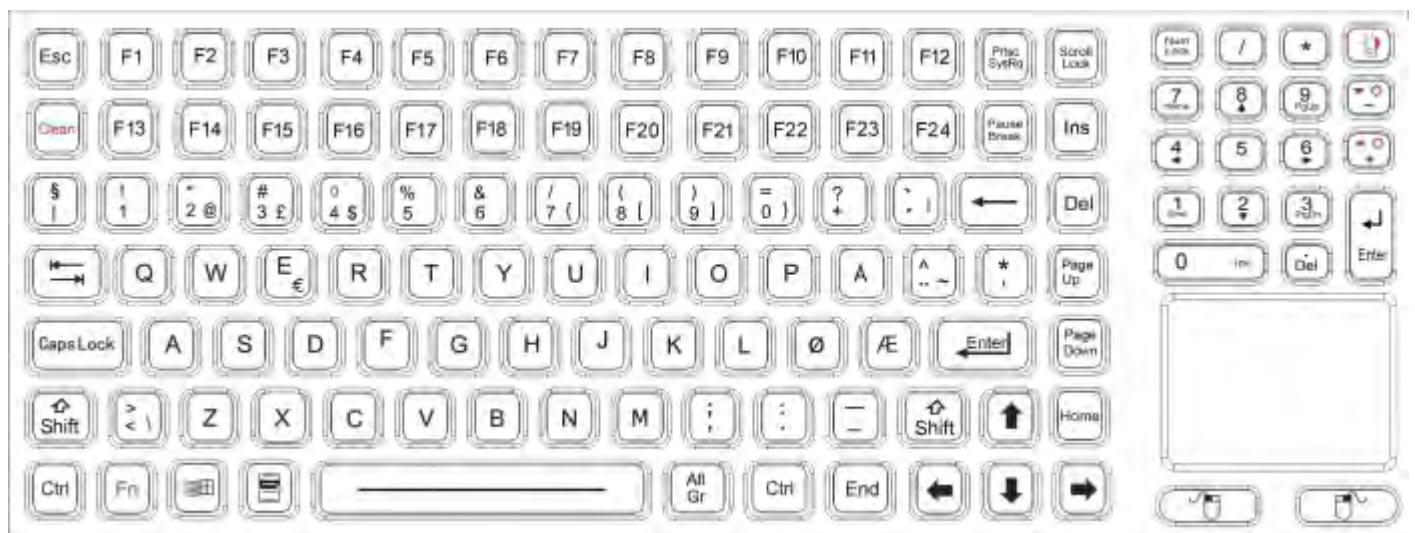
**RUSSIAN**



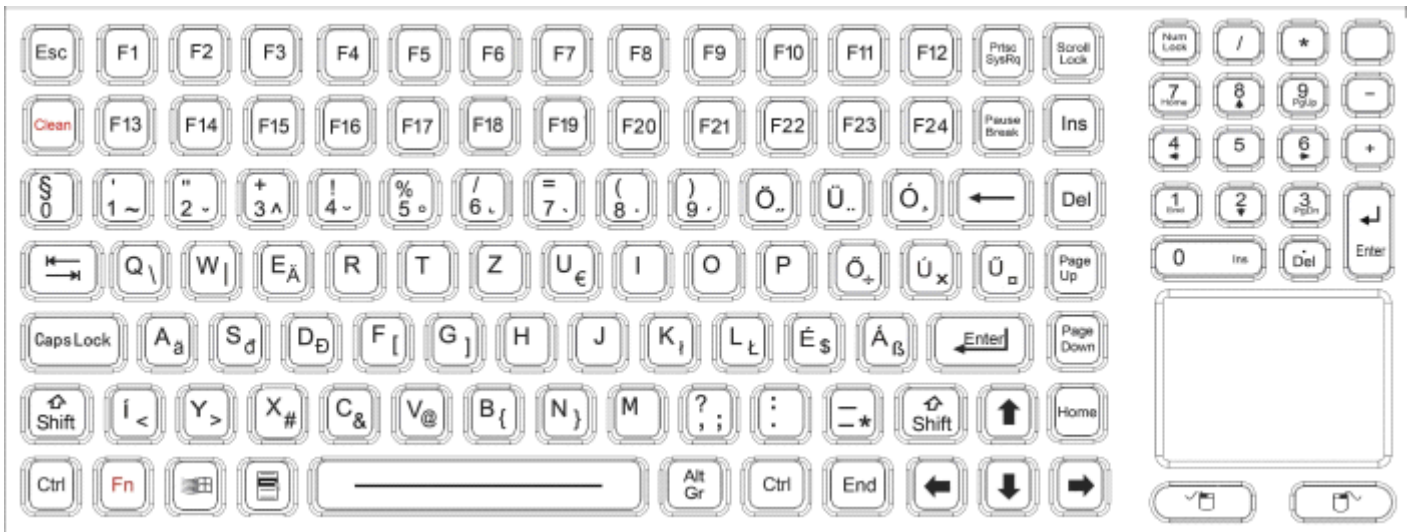
**CROATIAN**



**LITHUANIA**



**NORWEGIAN**



**HUNGARY**



**ITALIAN**



**UK-ENGLAND**



**French**



**Swedish**



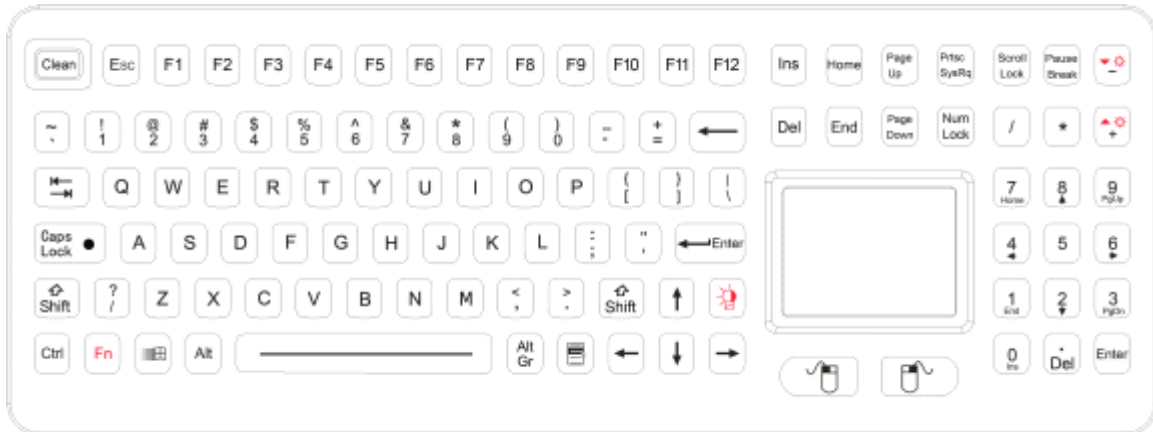
**German**



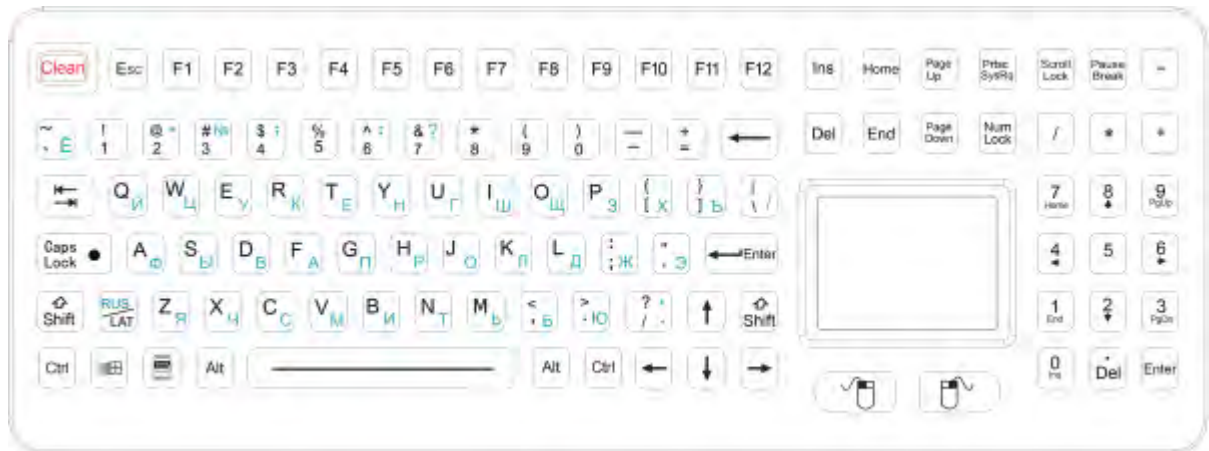
**Japanese**



**Swiss-French**



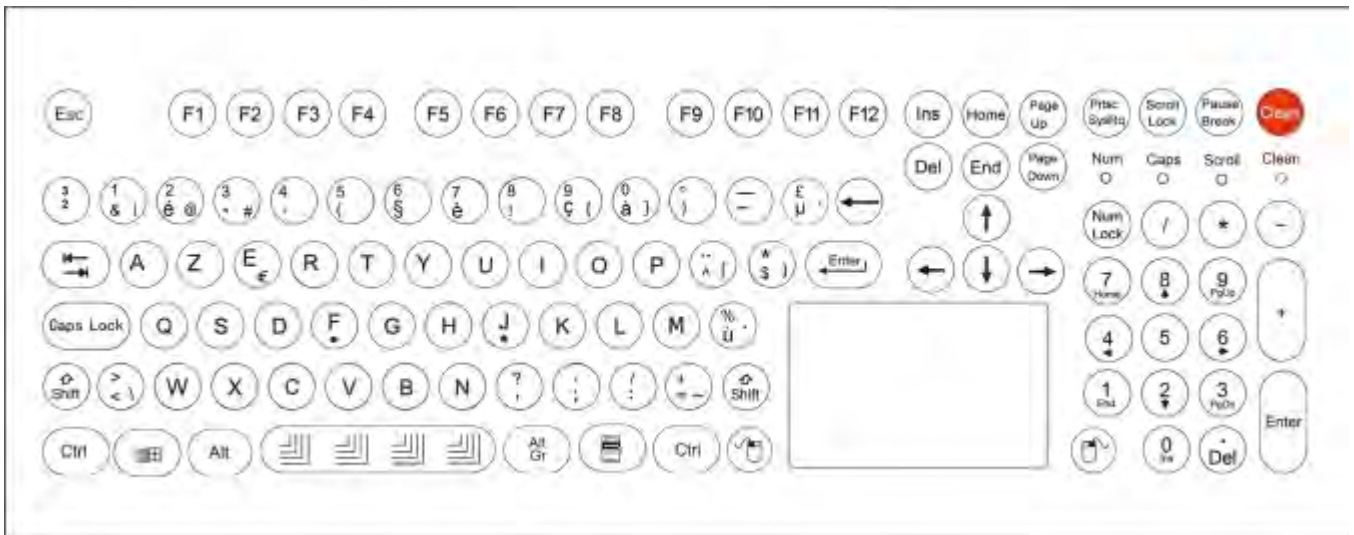
**US English**



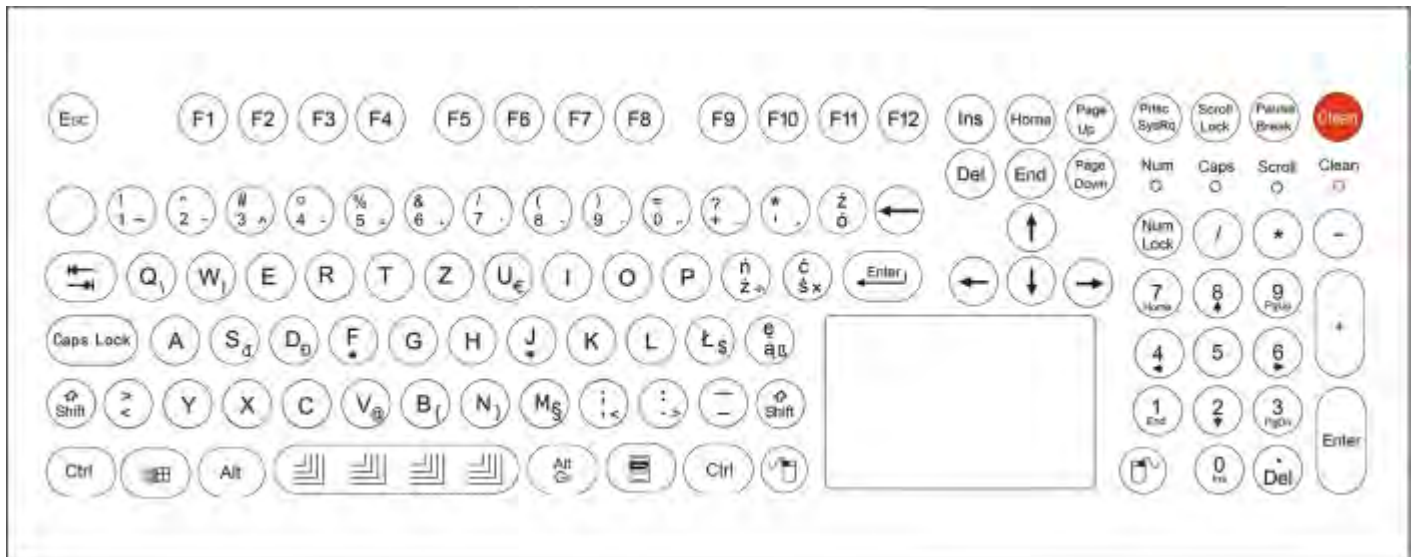
**RUSSIAN**



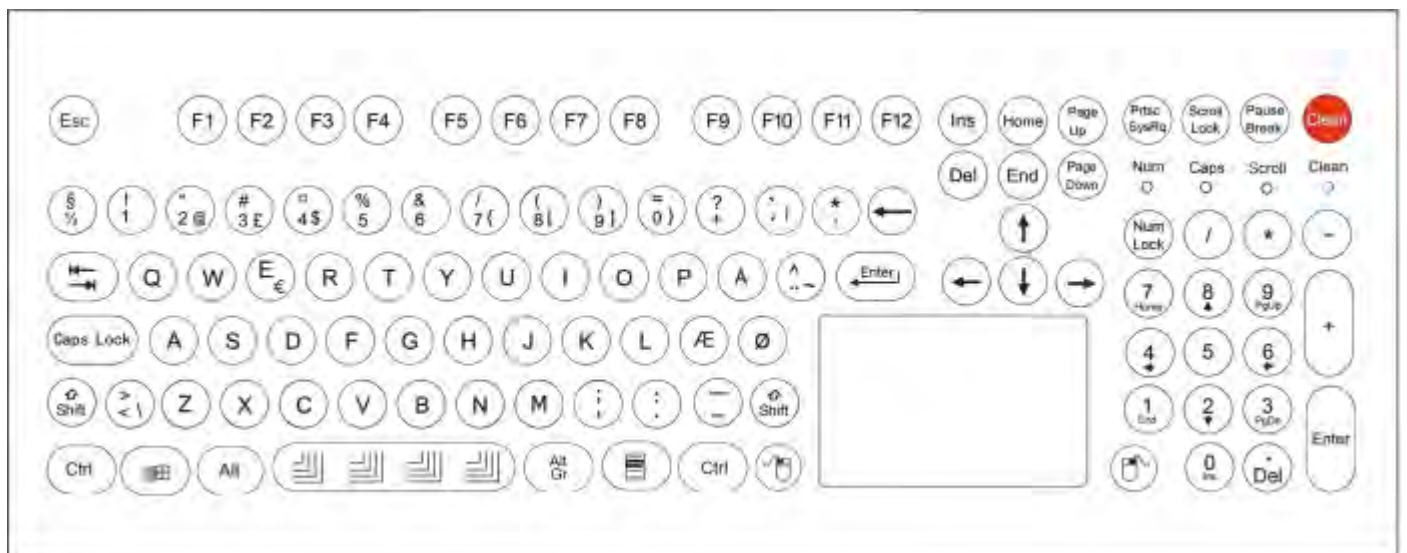
**DENMARK**



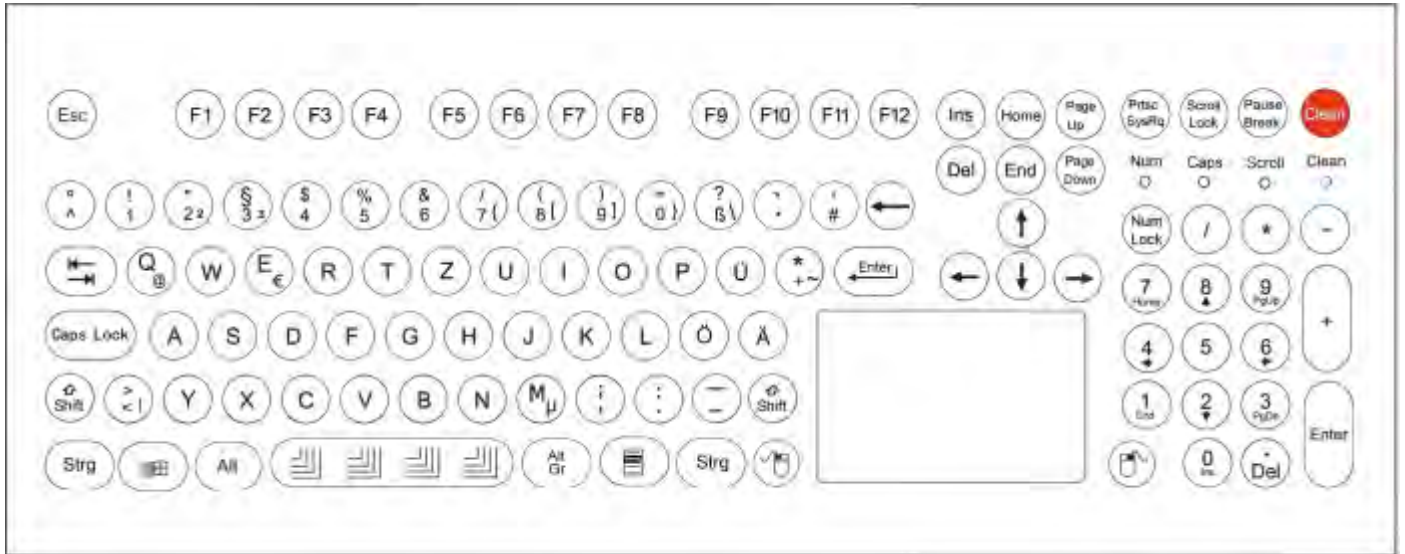
**Belgium-Dutch**



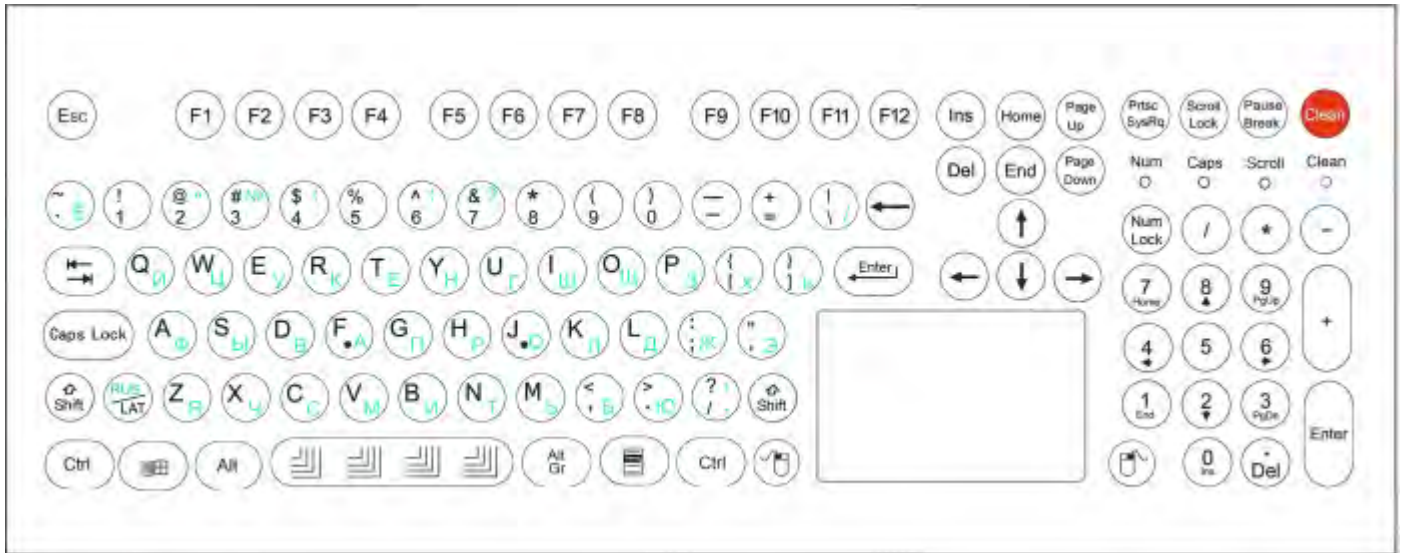
**POLAND**



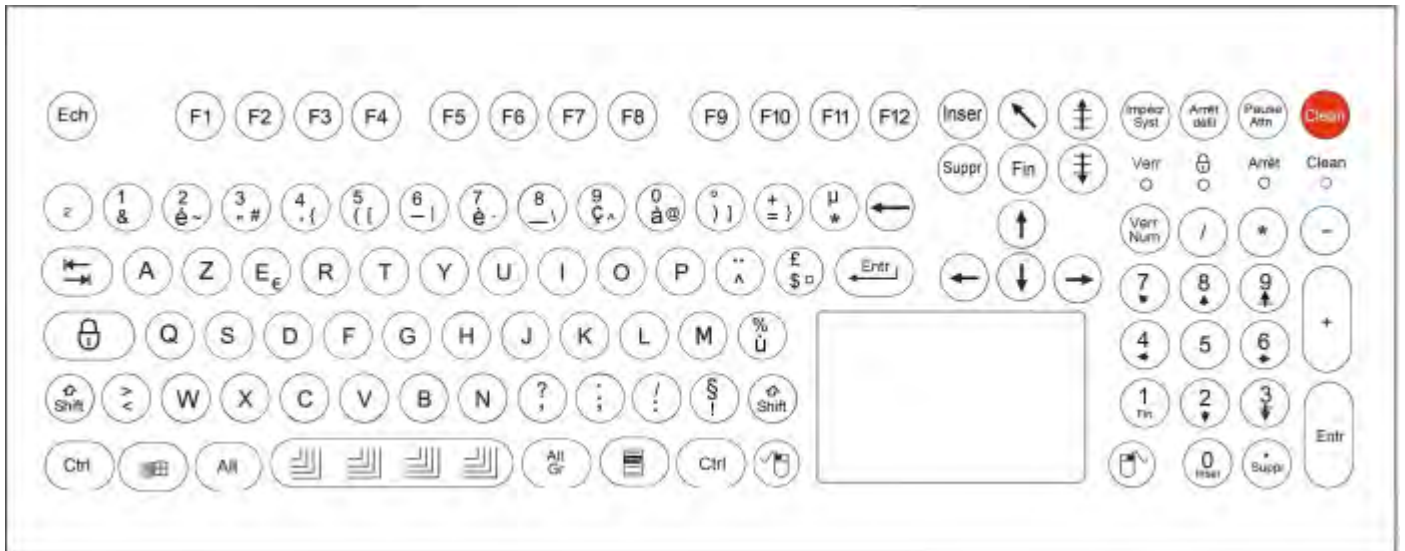
**DENMARK**



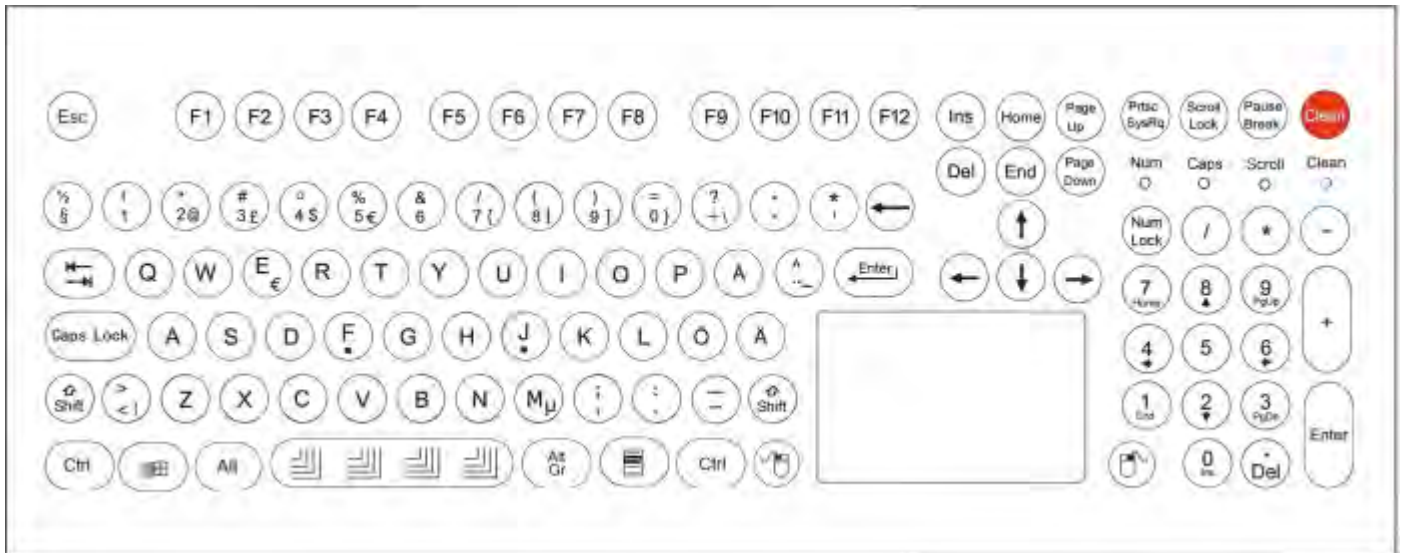
**German**



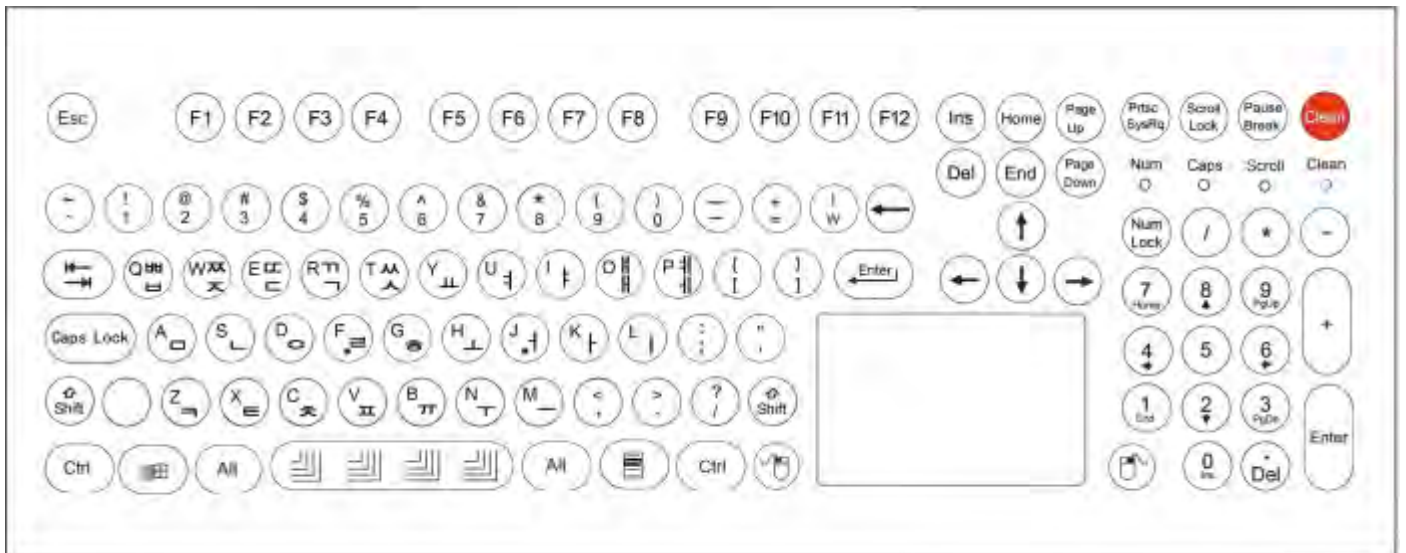
**RUSSIAN**



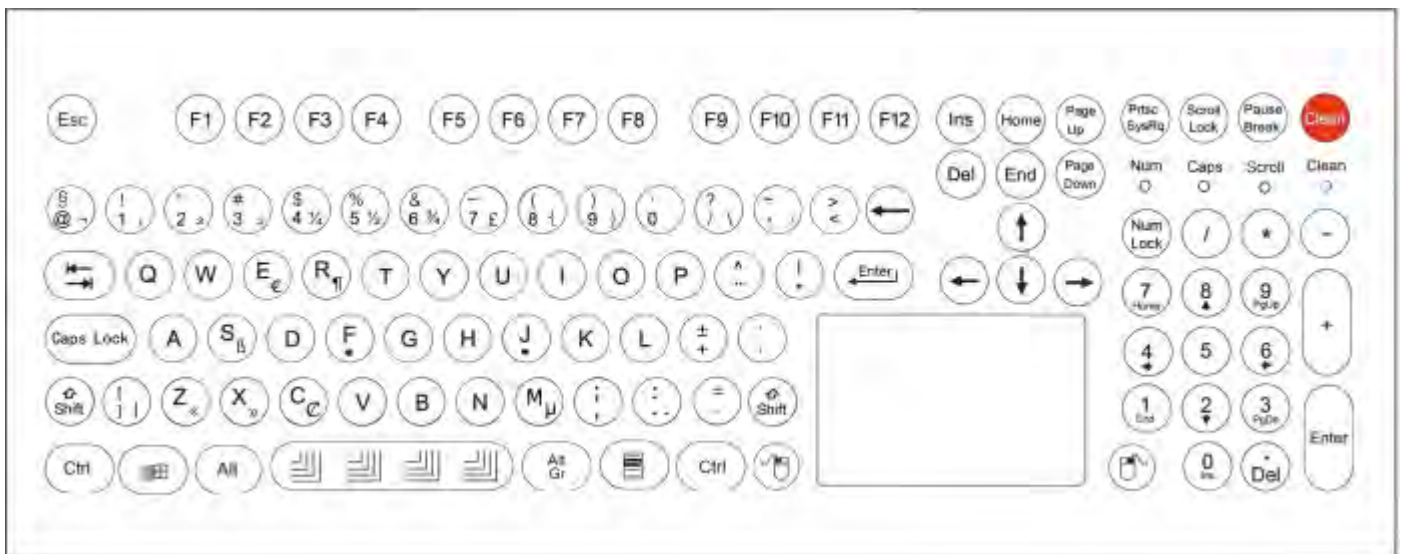
**FRENCH**



**FINLAND**

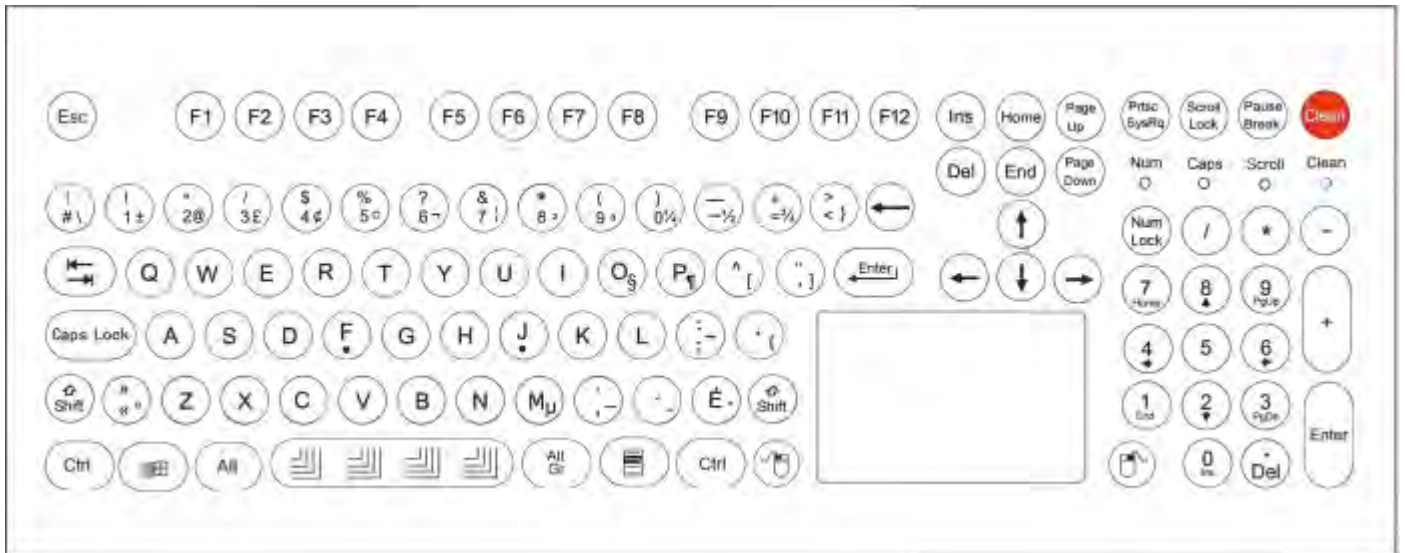


**KOREAN**

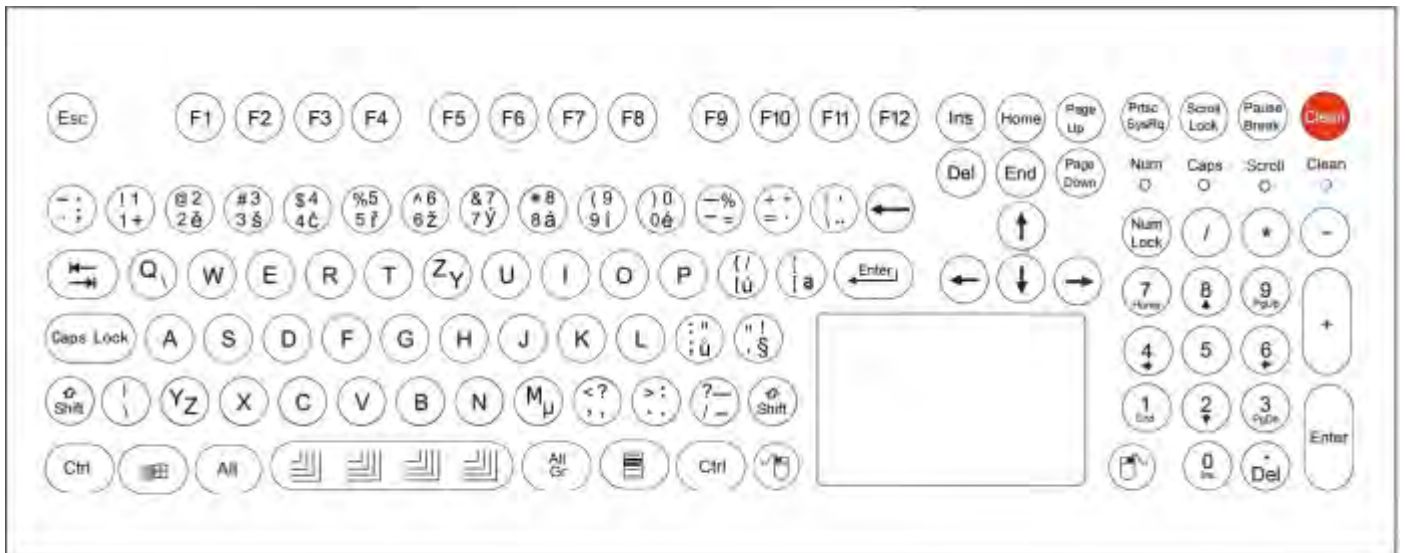


**HOLAND**

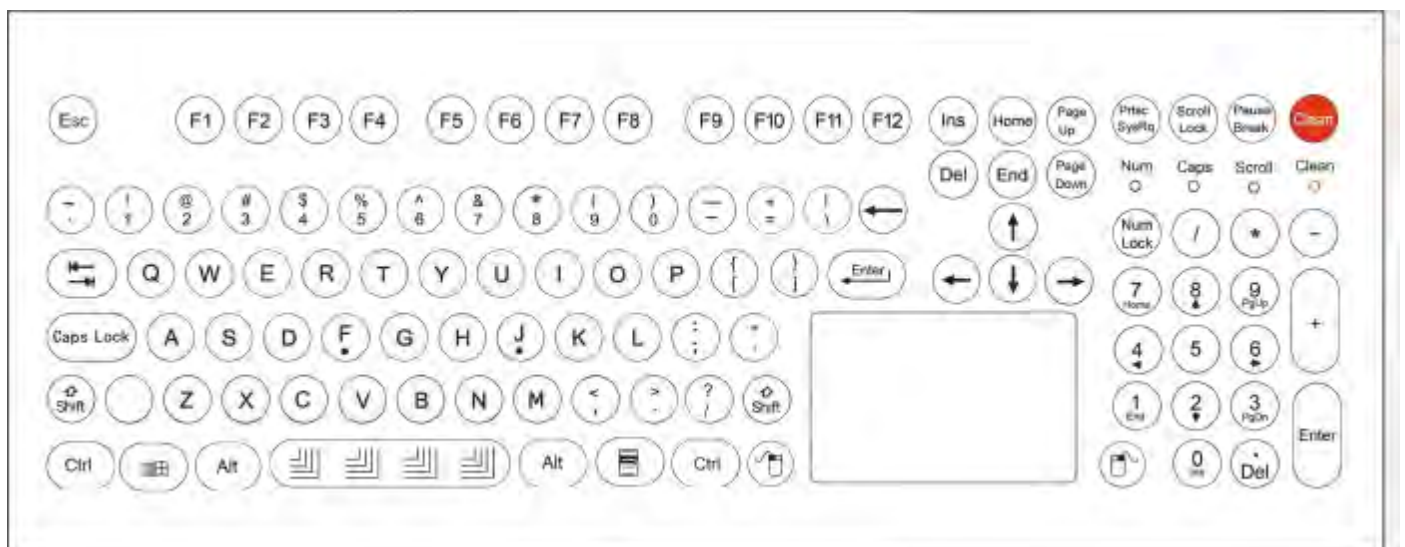




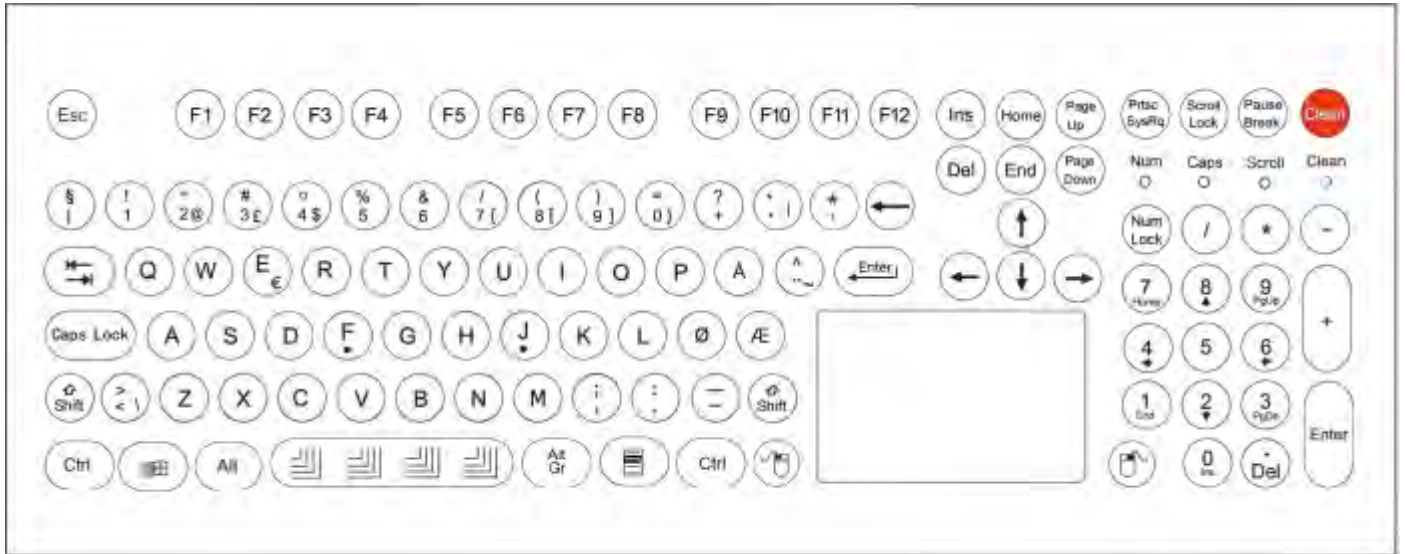
**CANADA**



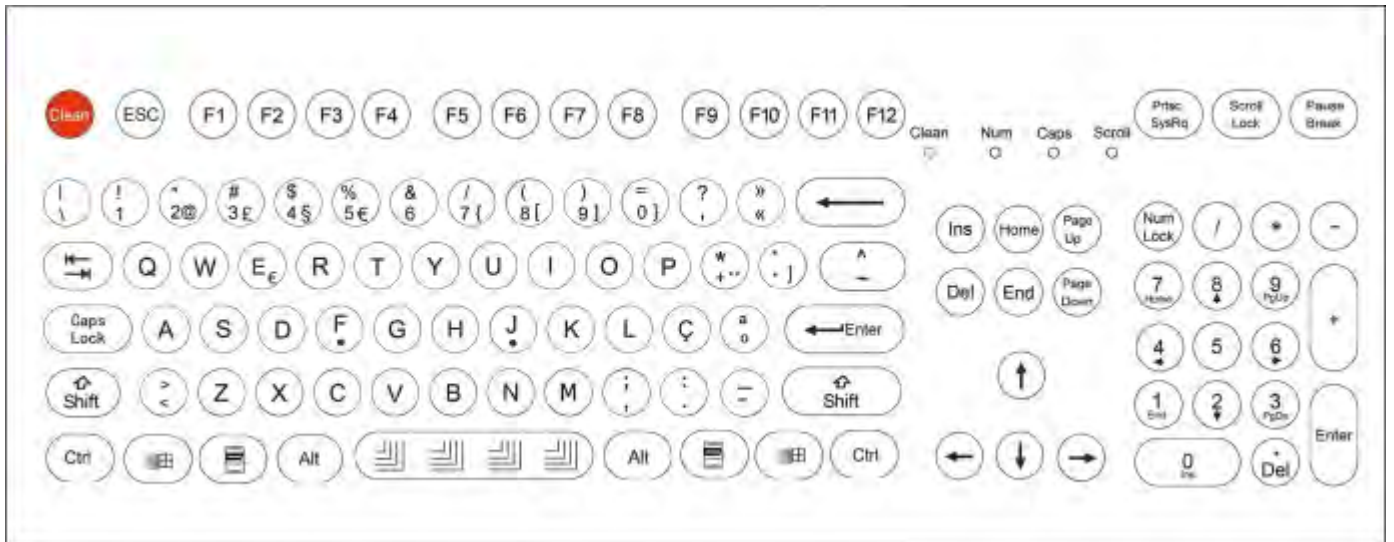
**CZECH**



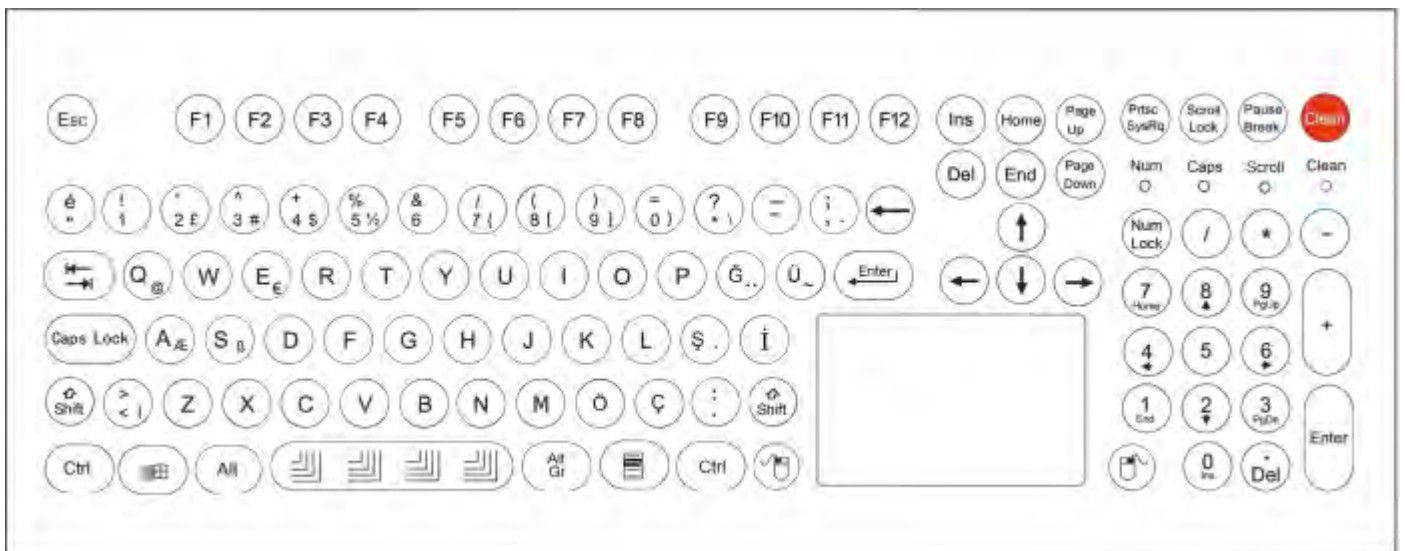
**US-ENGLISH**



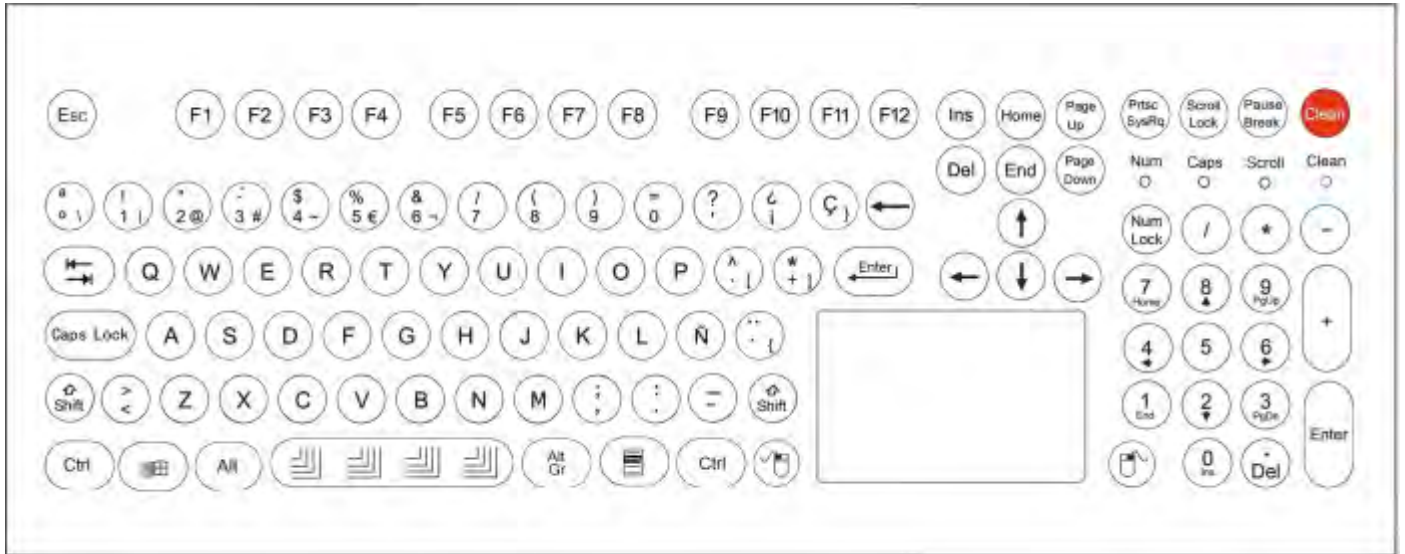
**NORWEGIAN**



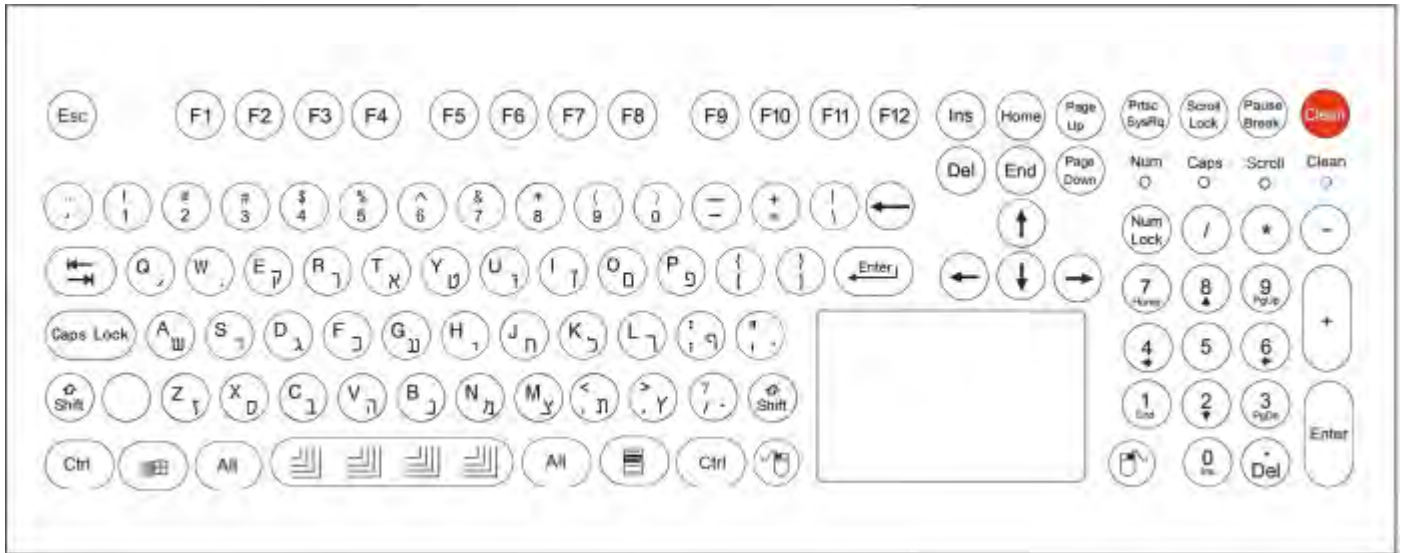
**PORTUGUESE**



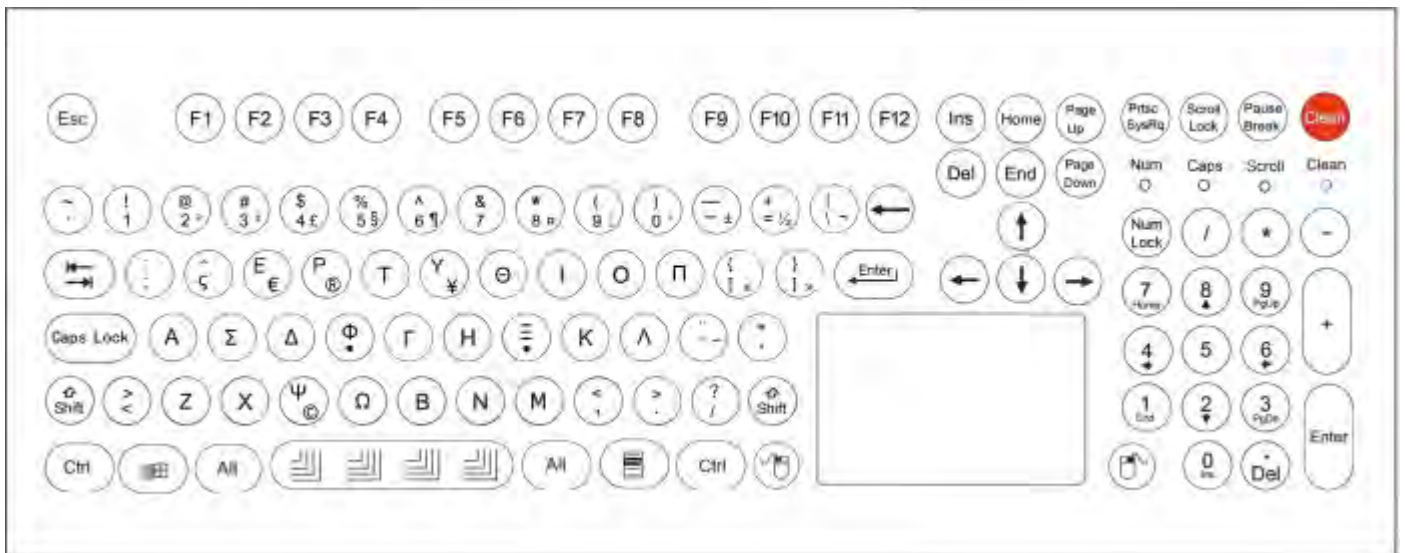
**TURKEY**



**SPANISH**



**HEBREW**



**GREECE**



**US-AMERICAN**



**ENGLAND**



**GERMANY**



**FRANCH**



**RUSSIAN**



**DANMARK**

# APPENDIX 2-Certificates



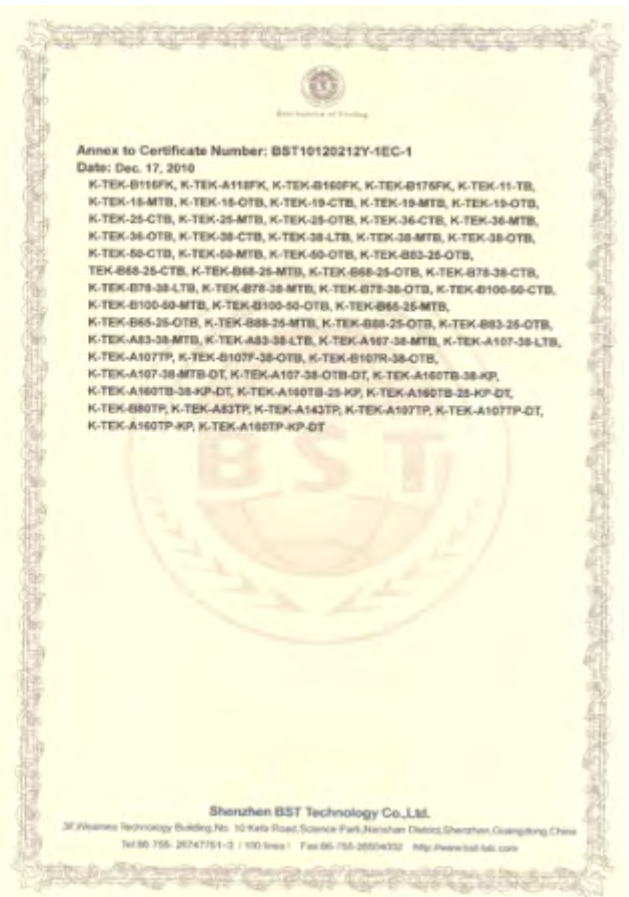
**Stainless steel Keyboard CE Certificate**



**Stainless steel Keyboard CE Certificate**



**Stainless steel Keyboard CE Certificate**



**Stainless steel Keyboard CE Certificate**



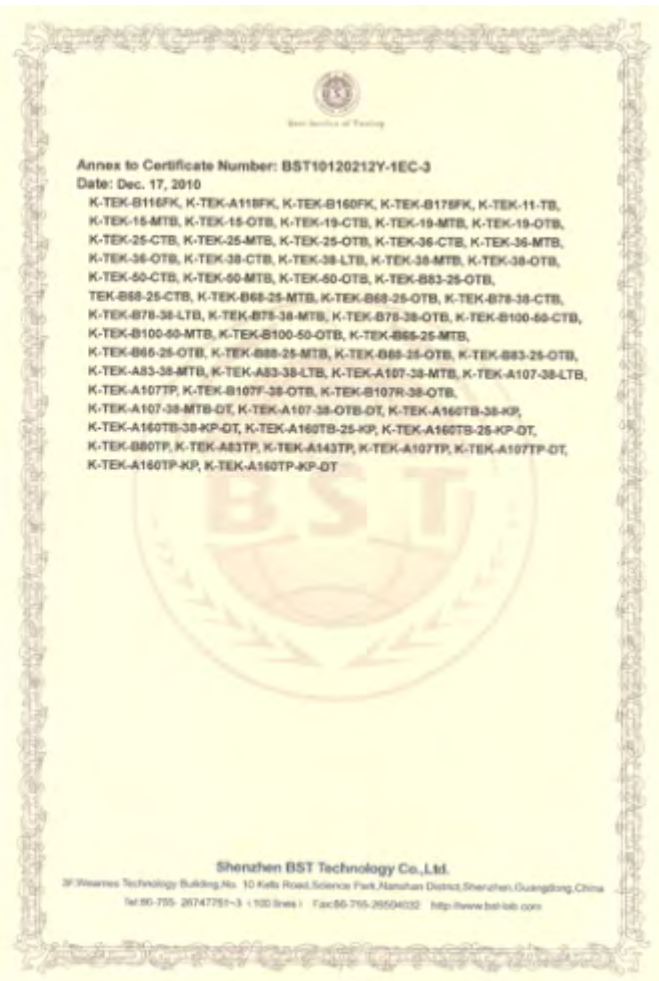
**Stainless steel Keyboard FCC Certificate**



**Stainless steel Keyboard FCC Certificate**



**Stainless steel Keyboard FCC Certificate**



**Stainless steel Keyboard FCC Certificate**







Military Keyboard CE Certificate



Military Keyboard CE Certificate



Military Keyboard FCC Certificate



Military Keyboard FCC Certificate

Best Services of Training

## Certificate of Compliance

**Certificate Number:** BST10120011Y-1RC-4

**Applicant:** KEY TECHNOLOGY (CHINA) LIMITED  
8702 & 8703, South Tower I, Tianan Cyber Park,  
Huang Ge North Road, Long Gang Central City,  
Shenzhen, Guangdong, China

**Manufacturer:** KEY TECHNOLOGY (CHINA) LIMITED  
8702 & 8703, South Tower I, Tianan Cyber Park,  
Huang Ge North Road, Long Gang Central City,  
Shenzhen, Guangdong, China

**Product Trade Name:** INDUSTRIAL AND MILITARY KEYBOARD  
**M/N:** HI-KEY:KEY-TEK  
K-TEK-M380-TB  
(See Annex)

**Test Standard:** EPA3050B:1996, EN1122:2001,  
EPA3062:1996, EPA3060A,  
EPA7196, EPA3540C, EPA8270C

The EUT described above has been consolidated by us and found in compliance with the council RoHS directive –2002/95/EC. It is only valid in connection with the test report number: BST10120011Y-1RR-4.

**RoHS**

*Christina*  
Christina  
Manager  
Dec. 02, 2010

Shenzhen BST Technology Co.,Ltd.  
3F Wames Technology Building No. 10 Kefa Road, Science Park, Nanshan District, Shenzhen, Guangdong, China  
Tel: 86-755-26747751-3 | 100 lines | Fax: 86-755-26504032 | <http://www.bst-tech.com>

**Military Keyboard RoHS Certificate**

Best Services of Training

**Annex to Certificate Number:** BST10120011Y-1RC-4  
**Date:** Dec. 02, 2010  
**M/N:**

K-TEK-M380TP, K-TEK-M380TB-FN, K-TEK-M380TP-FN,  
K-TEK-M298, K-TEK-M298-FN, K-TEK-M398KP-FN,  
K-TEK-M460TB-KP-FN, K-TEK-M460TP-KP-FN,  
K-TEK-M185TP-KP, K-TEK-M185TB-KP, K-TEK-M116KP,  
K-TEK-M380TB-DT, K-TEK-M380TP-DT, K-TEK-M380TB-FN-DT,  
K-TEK-M380TP-FN-DT, K-TEK-M298-DT, K-TEK-M298-FN-DT,  
K-TEK-M398KP-FN-DT, K-TEK-M460TB-KP-FN-DT,  
K-TEK-M460TP-KP-FN-DT, K-TEK-M380TB-MDT,  
K-TEK-M380TP-MDT, K-TEK-M380TB-FN-MDT,  
K-TEK-M380TP-FN-MDT, K-TEK-M460TB-KP-FN-MDT,  
K-TEK-M460TP-KP-FN-MDT, K-TEK-M185TP-KP-DT,  
K-TEK-M185TB-KP-DT, K-TEK-M116KP-DT, K-TEK-A56KP-BL,  
K-TEK-A120KP-BL, K-TEK-A343TB-BL, K-TEK-A361TB-BL,  
K-TEK-A361TB-FN-BL, K-TEK-A361TB-FN-BL-DT,  
K-TEK-A343TP-BL, K-TEK-A361TP-BL, K-TEK-A361TP-FN-BL,  
K-TEK-A361TP-FN-BL-DT, K-TEK-A272-BL, K-TEK-A290-BL,  
K-TEK-A290-FN-BL-DT, K-TEK-A392TB-BL,  
K-TEK-A392TP-BL, K-TEK-A400TB-BL, K-TEK-A400TP-BL,  
K-TEK-A400TB-KP-BL, K-TEK-A400TP-KP-BL,  
K-TEK-A420TB-FN-BL, K-TEK-A420TP-FN-BL,  
K-TEK-A420TB-FN-BL-DT, K-TEK-A420TP-FN-BL-DT

**RoHS**

*Christina*  
Christina  
Manager  
Dec. 02, 2010

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**Military Keyboard RoHS Certificate**

Best Services of Training

## Certificate of Compliance

**Certificate Number:** BT0901051004

**Applicant:** KEY TECHNOLOGY (CHINA) LIMITED  
8702 & 8703, South Tower I, Tianan Cyber Park,  
Huang Ge North Road, Long Gang Central City, Shenzhen,  
Guangdong, China

**Manufacturer:** KEY TECHNOLOGY (CHINA) LIMITED  
8702 & 8703, South Tower I, Tianan Cyber Park,  
Huang Ge North Road, Long Gang Central City, Shenzhen,  
Guangdong, China

**Product M/N:** IP68 MEDICAL KEYBOARD  
K-TEK-M390KP-FN-DT (See Annex)

**Test Standard:** EN 55022:2006  
EN 61050-3-2:2006  
EN 61050-3-3:1995+A1:2001+A2:2005  
EN 55024:1998+A1:2001+A2:2003

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive. The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: BTRE0901051104.

**CE**

*Christina*  
Christina  
Manager  
Jan. 07, 2009

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**Medical Keyboard CE Certificate**

Best Services of Training

**Annex to Certificate Number:** BT0901051004  
**Date:** Jan. 07, 2009

**Model No.:** K-TEK-M390KP-FN-DT, K-TEK-M390TP-KP-FN-DT,  
K-TEK-M396TP-KP-FN-DT, K-TEK-M396TB-KP-FN-DT, K-TEK-M399TP-KP-FN-DT,  
K-TEK-M396KP-FN-DT, K-TEK-M396KP-FN-DT, K-TEK-D310TP-KP-FN,  
K-TEK-D322TP-KP-FN, K-TEK-D361TP-FN, K-TEK-361TB-FN, K-TEK-D396TP-KP-FN,  
K-TEK-D396TB-KP-FN, K-TEK-D396KP-FN, K-TEK-396TP-KP-FN-DT,  
K-TEK-D396TB-KP-FN-DT, K-TEK-D396KP-FN-DT, K-TEK-D310TP-KP-FN-DT,  
K-TEK-D381TP-FN-DT, K-TEK-D345TP-KP-FN, K-TEK-D322TP-KP-FN,  
K-TEK-D361TP-FN, K-TEK-361TB-FN, K-TEK-D310TP-KP-FN-DT,  
K-TEK-D361TP-FN-DT, K-TEK-D340TP-KP-FN-DT, K-TEK-D396TP-KP-FN,  
K-TEK-D396TB-KP-FN, K-TEK-D396KP-FN, K-TEK-D386TP-KP-FN-DT,  
K-TEK-D396TB-KP-FN-DT, K-TEK-D396KP-FN-DT, K-TEK-D396TB-KP-FN-DT,  
K-TEK-D396OTB-KP-FN-DT, K-TEK-D396-MTB-FN-DT, D396-OTB-FN-DT,  
K-TEK-D399KP-FN, K-TEK-D399TP-KP-FN, K-TEK-D399KP-FN-DT,  
K-TEK-D399TP-KP-FN-DT, K-TEK-D399-FN, K-TEK-D399-FN-DT, K-TEK-D399TP-FN,  
K-TEK-D399TP-FN-DT, K-TEK-D410KP-FN, K-TEK-D410-OTB-KP-FN,  
K-TEK-D410TP-KP-FN, K-TEK-D410KP-FN-DT, K-TEK-D415-OTB-KP-FN-DT,  
K-TEK-D410TP-KP-FN-DT, K-TEK-D415-FN, K-TEK-D410-OTB-FN,  
K-TEK-D410TP-FN, K-TEK-D410-FN-DT, K-TEK-D410-OTB-FN-DT,  
K-TEK-D410TP-FN-DT, K-TEK-D460TP-KP-FN, K-TEK-D460TB-KP-FN,  
K-TEK-D460TP-KP-FN-DT, K-TEK-D460TB-KP-FN-DT, K-TEK-M390KP-FN-DT,  
K-TEK-M390TP-KP-FN-DT, K-TEK-M396-FN-DT, K-TEK-M396TP-FN-DT,  
K-TEK-M396TB-FN-DT, K-TEK-M396KP-FN-DT, K-TEK-M396TP-KP-FN-DT,  
K-TEK-M396TB-KP-FN-DT, K-TEK-M396KP-FN, K-TEK-M396TB-KP-FN,  
K-TEK-M399TP-KP-FN, K-TEK-M399KP-FN-DT, K-TEK-M399TB-KP-FN-DT,  
K-TEK-M399TP-KP-FN-DT, K-TEK-M399-FN, K-TEK-M399TB-FN, K-TEK-M399TP-FN,  
K-TEK-M399-FN-DT, K-TEK-M399TB-FN-DT, K-TEK-M399TP-FN-DT

**CE**

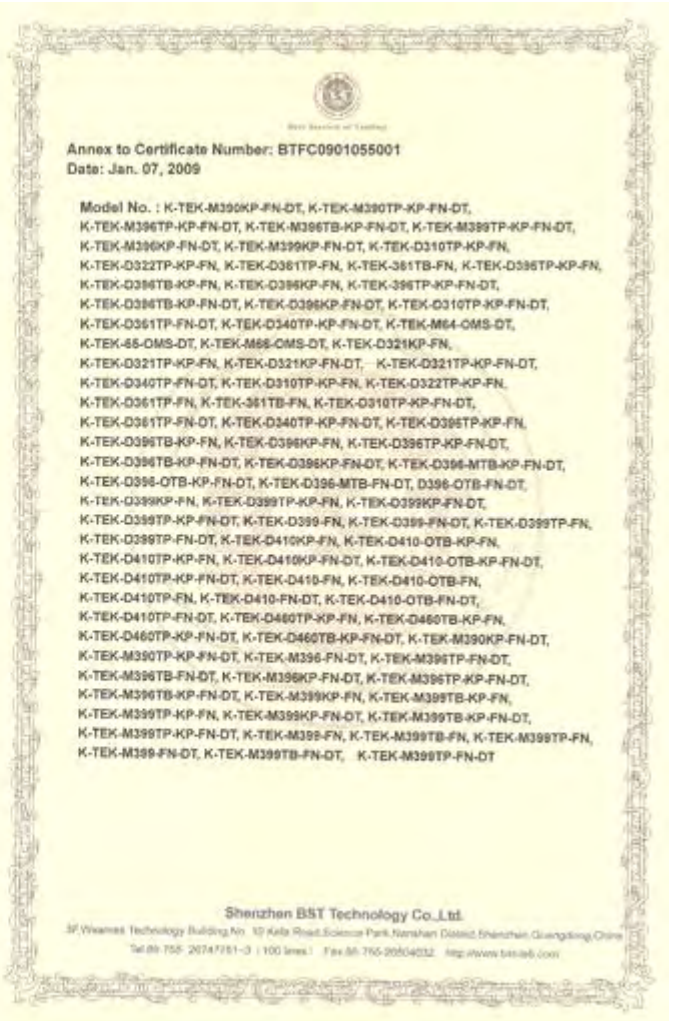
*Christina*  
Christina  
Manager  
Jan. 07, 2009

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**Medical Keyboard CE Certificate**



Medical Keyboard FCC Certificate



Medical Keyboard FCC Certificate



Medical Keyboard RoHS Certificate

### TEST REPORT

No: WT06504665

Page 1 of 4

**SAMPLE INFORMATION**

1. Sample Description: Stainless Steel Keyboard
2. Trade Mark: Key-Tek
3. Model/Specification/Grade: K-Tek-A3020TB, K-Tek-B3921P, K-Tek-B3430TB, K-Tek-A361TP
4. Serial/Batch No. of Sample: .....
5. Manufacture Date: 2006.10.09
6. Manufacturer: Key Technology (China)Ltd
7. Manufacturer Address: .....
8. Sample Quantity: 4pcs
9. Population: .....
10. Sampling Site: .....

**CLIENT INFORMATION**

1. Applicant: Key Technology (China)Ltd
2. Applicant Address: 23E, Xixiaohehu Biling, Nanhai Av, Nanshan District SHENZHEN, CHINA
3. Applicant Post Code: .....
4. Applicant Telephone: 6130762786129049

**TEST INFORMATION:**

1. Applicant No: 861518
2. Sampling Method: Delivered by Applicant
3. Date of Receipt: 2006-10-09
4. Ref/Documents for the Test: IEC60529: 1989+A1: 1999(2001-02)

**CONCLUSION:**

The results refer to the attachment.

Issued by(Stamp)

Issued Date: 2006-10-11

**REMARKS:**

1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory
2. Characterization & Condition of Sample: Normal
3. Ambient Condition During Testing: (23~26) °C (55~65) %RH

Approved by: Checked by: Tested by:

### IP 65 Keyboard Test Report

### TEST RESULT

No: WT06504665

Page 2 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
IP65	<p><b>1. Degrees of protection against access to hazardous parts indicated by the first characteristic numeral</b></p> <p>First characteristic numeral: 5</p> <p>The test wire of 1.0mm Φ shall not penetrate and adequate clearance shall be kept.</p> <p><b>Acceptance conditions</b></p> <p>The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts.</p>	Compliance	Pass
	<p><b>2. Degrees of protection against solid foreign objects indicated by the first characteristic numeral</b></p> <p>First characteristic numeral: 5</p> <p>The test is made using a dust chamber.</p> <p>The enclosure shall be deemed category 1, whether reductions in pressure below the atmospheric pressure are present or not.</p> <p>Enclosures where the normal working cycle of the equipment causes reductions in air pressure within the enclosure below that of the surrounding air.</p> <p>The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump.</p> <p>The object of the test is to draw into the enclosure, by means of depression, a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 60 volumes per hour. In no event shall the depression exceed 2kPa.</p>	Compliance(Category 1 enclosure)	Pass

### IP 65 Keyboard Test Result

### TEST RESULT

No: WT06504665

Page 2 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<p>If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2h. If, with a maximum depression of 2kPa, the extraction rate is less than 40 volumes per hour, the test is continued until 80 volumes have been drawn through, or a period of 3h has elapsed.</p> <p><b>Acceptance conditions</b></p> <p>The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.</p> <p><b>3. Degrees of protection against water indicated by the second characteristic numeral</b></p> <p>Second characteristic numeral: 5</p> <p>The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle.</p> <p>The conditions to be observed are as follows:</p> <ul style="list-style-type: none"> <li>—internal diameter of the nozzle:6.3 mm;</li> <li>—delivery rate:12.5 l/min±5%;</li> <li>—water pressure: to be adjusted to achieve the specified delivery rate;</li> <li>—core of the substantial stream: circle of approx. radius 40mm diameter at 2.5m distance from nozzle;</li> <li>—test duration per square metre of enclosure surface area likely to be sprayed: 1min;</li> <li>—minimum test duration:3 min;</li> <li>—distance from nozzle to enclosure surface: between 2.5m and 3m.</li> </ul> <p><b>Acceptance conditions</b></p> <p>After testing in accordance with the appropriate requirements the enclosure shall be inspected for ingress of water.</p>	Compliance	Pass

### IP 65 Keyboard Test Result

### TEST RESULT

No: WT06504665

Page 3 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<p>It is the responsibility of the relevant technical committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.</p> <p>In general, if any water has entered, it shall not:</p> <ul style="list-style-type: none"> <li>—be sufficient to interfere with the correct operation of the equipment or impair safety;</li> <li>—deposit on insulation parts where it could lead to tracking along the creepage distances;</li> <li>—reach live parts or windings not designed to operate when wet;</li> <li>—accumulate near the cable end or enter the cable if any.</li> </ul> <p>If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.</p> <p>For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.</p>		

(The End)

### IP 65 Keyboard Test Result



## TEST REPORT

No: WT095006998

Page 1 of 4

## SAMPLE INFORMATION

- Sample Description: Industrial Silicone keyboard
- Trade Mark: Hi-key
- Model/Specification/Grade: (38\*15.4\*1.9)cm K-TEK-M390TP-KP-FN-DT
- Serial/Batch No. of Sample: -----
- Manufacturer Date: 2009.11.20
- Manufacturer: Key Technology (China) Limited
- Manufacturer Address: -----
- Sample Quantity: 2pcs
- Population: -----
- Sampling Site: -----

## CLIENT INFORMATION

- Applicant: Key Technology (China) Limited
- Applicant Address: Refer To Remarks
- Applicant Post Code: 518172
- Applicant Telephone: 86-755-89112478

## TEST INFORMATION:

- Applicant No: 5021166
- Sampling Method: Delivered by Applicant
- Date of Receipt: 2009-12-04
- Ref/Documents for the Test: IEC60529:1989+A1:1999(2001-02)

## CONCLUSION:

The results refer to the attachment.

Issued by(Stamp)

Issued Date: 2009-12-15

## REMARKS:

- The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory
- Characterization & Condition of Sample: Normal
- Ambient Condition During Testing: (24~25) °C (51~53) %RH
- Applicant Address: B702, B703, South Tower 1, Tianan Cyber Park, Huang Ge North Road, Long Gang Central City, Shenzhen, Guangdong, P.R.China. ZIP: 518172.

Approved by:

Checked by:

Tested by:



## TEST RESULT

No: WT095006998

Page 2 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
IP65	<p><b>1- Degrees of protection against access to hazardous parts indicated by the first characteristic numeral</b></p> <p>First characteristic numeral: 6</p> <p>The test wire of 1.0mm <math>\Phi</math> shall not penetrate and adequate clearance shall be kept.</p> <p><b>Acceptance conditions</b></p> <p>The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts.</p> <p><b>2- Degrees of protection against solid foreign objects indicated by the first characteristic numeral</b></p> <p>First characteristic numeral: 6</p> <p>The test is made using a dust chamber.</p> <p>The enclosure shall be deemed category 1, whether reductions in pressure below the atmospheric pressure are present or not:</p> <p>Enclosures where the normal working cycle of the equipment causes reductions in air pressure within the enclosure below that of the surrounding air.</p> <p>The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump.</p> <p>The object of the test is to draw into the enclosure, by means of depression, a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 60 volumes per hour. In no event shall the depression exceed 2kPa.</p>	Compliance	Pass

## IP 68 Keyboard Test Report

## IP 68 Keyboard Test Result



## TEST RESULT

No: WT095006998

Page 3 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<p>If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2h.</p> <p>If, with a maximum depression of 2kPa, the extraction rate is less than 40 volumes per hour, the test is continued until 80 volumes have been drawn through, or a period of 1h has elapsed.</p> <p><b>Acceptance conditions</b></p> <p>The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.</p> <p><b>3- Degrees of protection against water indicated by the second characteristic numeral</b></p> <p>Second characteristic numeral: 3</p> <p>The test is made by completely immersing the enclosure in water. The enclosure is located 2 m below the surface of the water, the duration of the test is 1 h.</p> <p><b>Acceptance conditions</b></p> <p>After testing in accordance with the appropriate requirements the enclosure shall be inspected for ingress of water.</p> <p>It is the responsibility of the relevant technical committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.</p> <p>In general, if any water has entered, it shall not:</p> <ul style="list-style-type: none"> <li>be sufficient to interfere with the correct operation of the equipment or impair safety;</li> </ul>	Compliance (No dust entered)	Pass
		Compliance (No water entered)	Pass



## TEST RESULT

No: WT095006998

Page 4 of 4

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<ul style="list-style-type: none"> <li>deposit on insulation parts where it could lead to tracking along the creepage distances;</li> <li>reach live parts or windings not designed to operate when wet;</li> <li>accumulate near the cable end or enter the cable if any.</li> </ul> <p>If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.</p> <p>For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.</p>		

(The End)

## IP 65 Keyboard Test Result

## IP 65 Keyboard Test Result

## APPENDIX 3-Metal Keyboard Accessories




## APPENDIX 4-Medical Keyboard Accessories









The right  
Key[board] solution  
to your problem-  
**KEY TECHNOLOGY (CHINA) LIMITED**

**Address:** B702 & B703, South tower I , Tianan Cyber Park, Huang Ge North Road ,Long Gang Central City, Shenzhen, GuangDong, P.R. China. ZIP 518172

**TEL:** +86 755 86220478, 86220573, 86220574, 86220575, 89312478, 89312573, 89312574, 89312575,  
**FAX:** +86 755 89312576, 89312579

**E-mail:** [info@key-tek.cn](mailto:info@key-tek.cn), [key-tek@key-tek.cn](mailto:key-tek@key-tek.cn)

**Websites:** [www.key-tek.cn](http://www.key-tek.cn), [www.ikb-mkb.com](http://www.ikb-mkb.com), <http://key-tek.en.alibaba.com>, <http://www.globalsources.com/key-tek.com>

**MSN:** [keytechnologychinalimited@hotmail.com](mailto:keytechnologychinalimited@hotmail.com)

**SKYPE:** [keytechnologychinalimited](https://www.skype.com/people/keytechnologychinalimited)