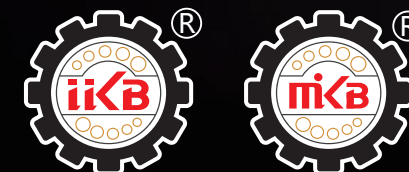


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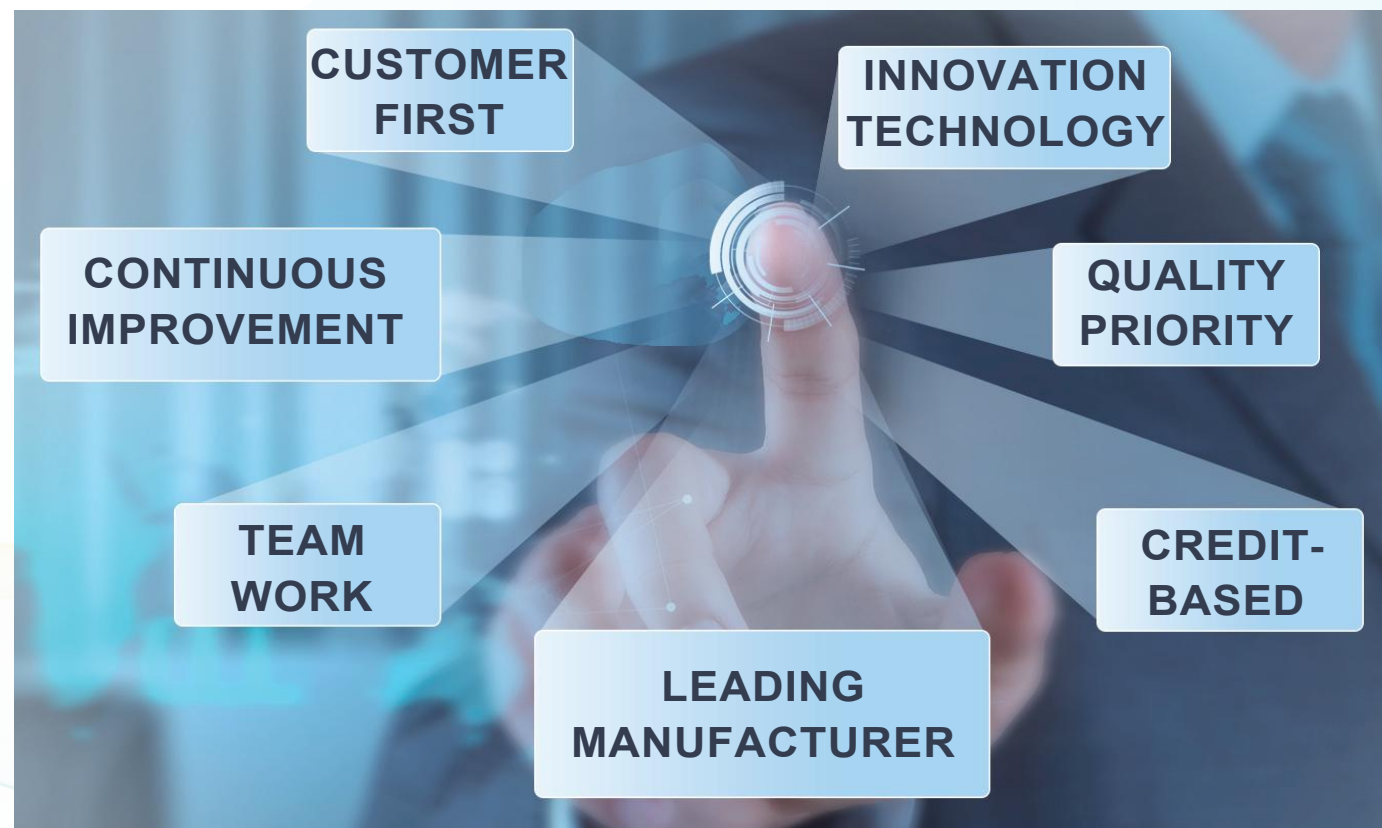
深圳市键特电子有限公司  
东莞市键特电子有限公司  
KEY TECHNOLOGY (CHINA) LIMITED



# Explosive-proof Waterproof Stainless Steel Industrial Keyboard

# Company Profile

Established in 2006, Key Technology (China) Limited is an ISO9001-2015 and GJB9001C-2017 registered enterprise engaged in research, development, sale and service of all kinds of rugged keyboards/pointing devices for harsh environments covering industrial/military/marine/medical/coal and mine/oil and gas/chemical industry/transportation/finance/aerospace/public access/food and beverage/vehicle etc. applications. We have excellent and experienced teams who focus on product development & design, quality control and company running, dedicated to strict quality control and thoughtful customer service, our experienced staff are always available to provide ideal solutions to customers. Besides, our products have obtained many professional certificates/testing reports including but not limited to CE, RoHS, FCC, ESD, REACH, IEC60945-2002, MIL-STD-461G-EMC-EMI-EMS-ESD, MIL-STD-810F, IP67, IP68, Medical IEC60601-1-2, Explosive-proof, high and low temperature testing as well as patent certificates.



## CONTENTS

### 01

## Stainless Steel Industrial Keyboard



Part Number : K-TEK-A224-UT-DWP

Feature

IP65 dynamic water proof rated vandal proof stainless steel industrial keyboard with industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy sealing and tightening with cabinet or panel, rear panel mounting. Industrial backlight optional (Red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 53 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.30KG                  |
| Dimension:       | 224.0mm x 110.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A272-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, **FN+CLEAN** combination keys for easy and fast cleaning without needing to take the keyboard away from PC, one complete silicone rubber along mounting aluminum plate for easy mounting & sealing tightly with cabinet, rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

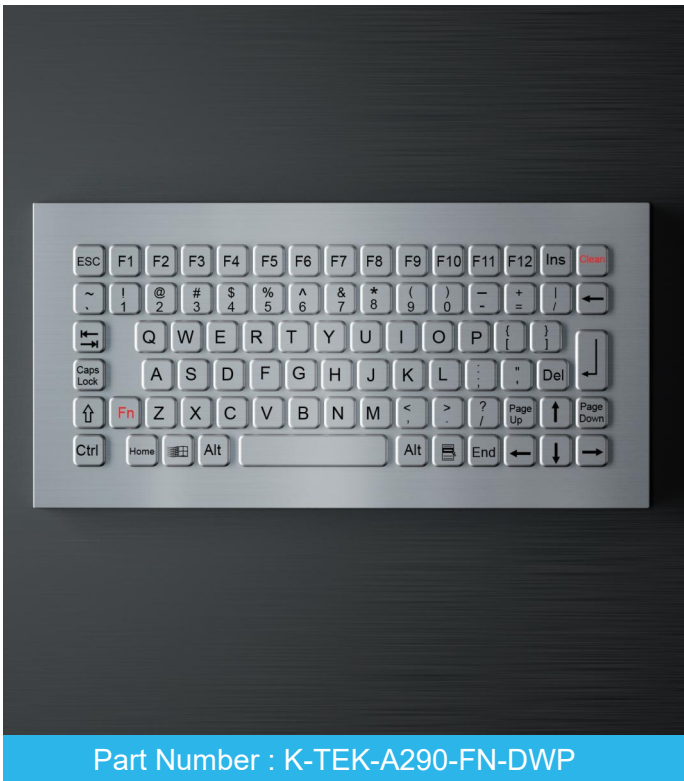
|                  |                          |
|------------------|--------------------------|
| Keys:            | 68 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.40KG                  |
| Dimension:       | 272.0mm x 105.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A290-FN-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, function keys(F1, F2, F3...F10, F12)are on the top line for easy operation, **FN+CLEAN** combination keys for easy and fast cleaning without needing to take the keyboard away from PC, stainless steel top plate with threaded bolts for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 83 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.50KG                  |
| Dimension:       | 290.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

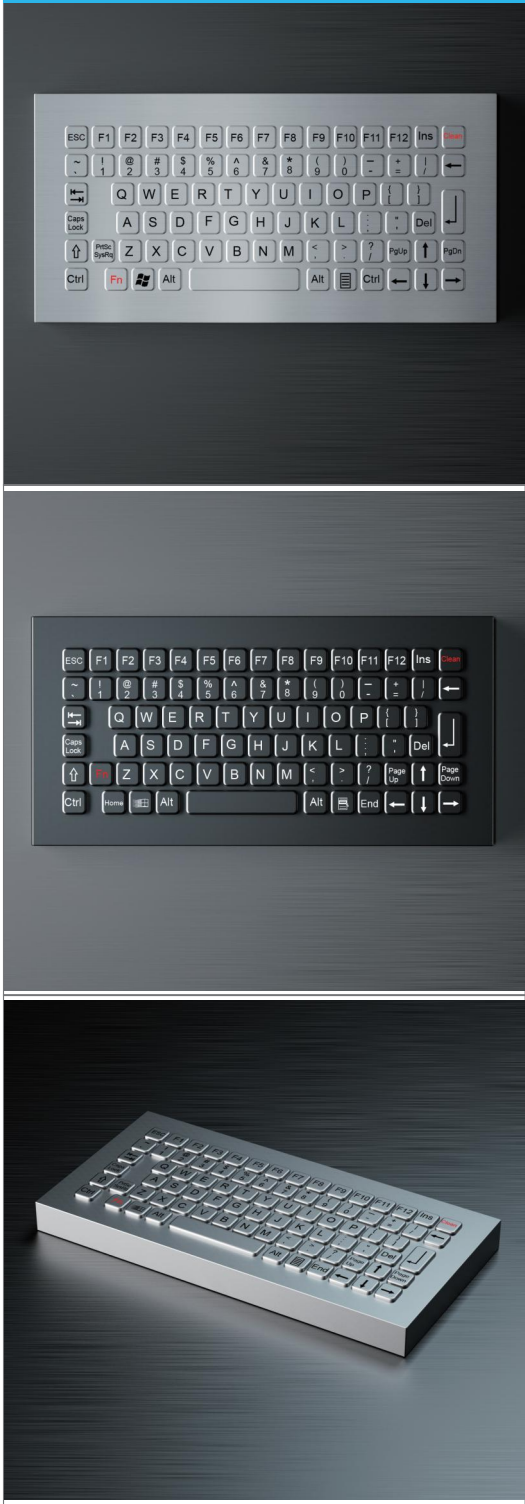
Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-B290-FN-DWP

Short stroke with flat keys optional

K-TEK-A290-FN-BT-DWP

Black titanium electroplated optional

K-TEK-A290-FN-DT-DWP

Desktop version optional



Part Number : K-TEK-A340KP-FN-DWP

Feature

IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys(F1, F2..F11, F12)are on the top panel for easy operation. **FN+ CLEAN** combination keys for easy and fast cleaning without needing to take the keyboard away from PC, 1.50mm stainless steel back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 102 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 340.0mm x 125.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-A340KP-FN-BT-DWP

Black titanium electroplated optional



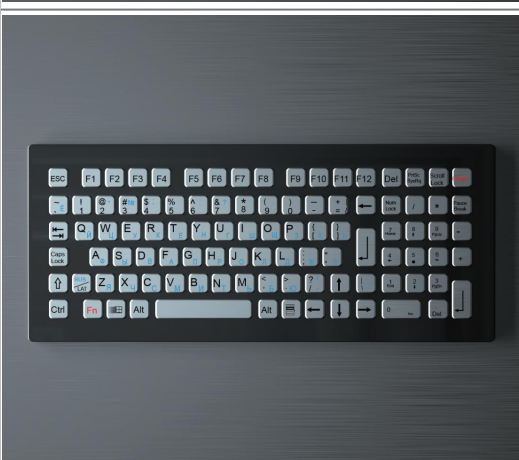
K-TEK-A340KP-FN-BL-DWP

Backlight version optional



K-TEK-A340KP-FN-BL-BT-DWP

Backlight version & black titanium electroplated optional



K-TEK-B340KP-FN-BT-DWP

Short stroke with flat keys & black titanium electroplated optional



Part Number : K-TEK-A343-DHP-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with sealed & ruggedized tough hula pointer mouse for fast and accurate cursor position, one complete silicone rubber along 3.0mm thick brushed & oxidized aluminum back plate for easy mounting & sealing tightly with cabinet, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 71 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.50KG                  |
| Dimension:       | 343.0mm x 105.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A361-25-OTB-FN-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 25.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, functional keys F1, F2...F11, F12 are on the top line for easy operation. 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A343-OTB-DWP

## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller, and IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800 DPI high resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke ( $1.50\pm0.10\text{mm}$ ) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, 3.0mm thickness brushed & oxidized aluminium back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Industrial Backlight optional(red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

## Mechanical Data

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Keys:            | 71 keys                                                          |
| Key Travel:      | $1.50\pm0.10\text{mm}$                                           |
| Key Lifespan:    | >5 million actuations                                            |
| Actuation Force: | $1.5\text{N}\pm0.2\text{N}$                                      |
| Gross Weight:    | $\approx 2.00\text{KG}$                                          |
| Dimension:       | $343.0\text{mm} \times 105.0\text{mm}(\text{L} \times \text{W})$ |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | $\approx 100\text{mA}$                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

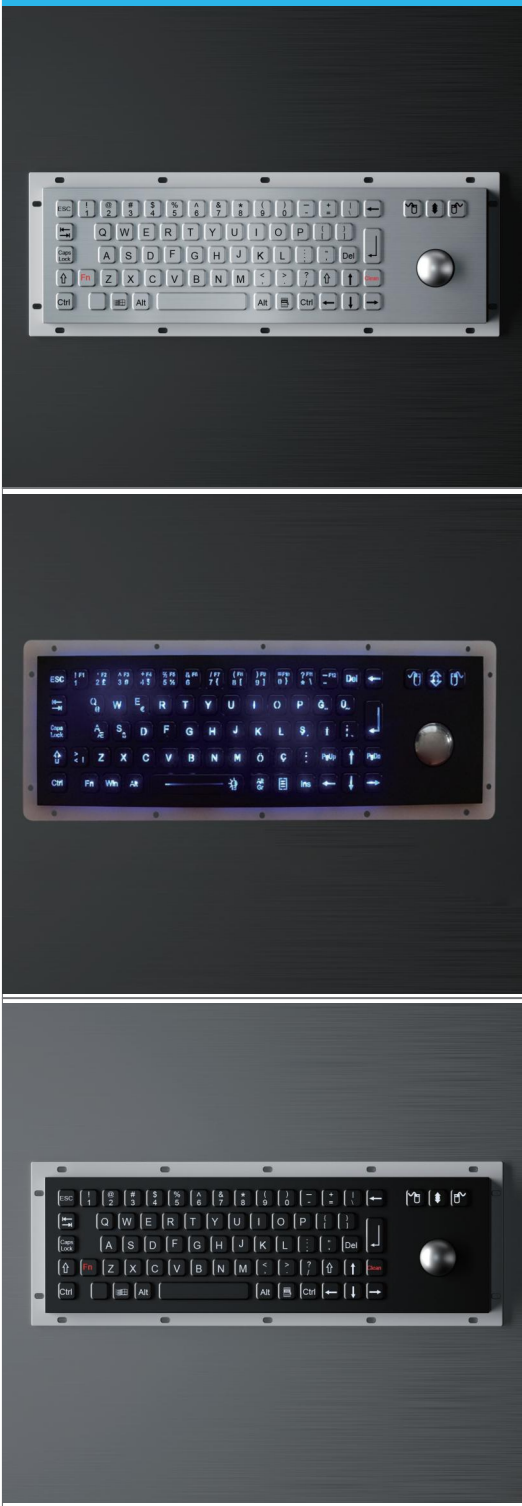
## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$                                                                                        |
| Storage Temperature:          | $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$                                                                                        |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark



K-TEK-A343-MTB-DWP

With mechanical trackball version

K-TEK-A343-OTB-BL-BT-DWP

Backlight version & black titanium electroplated optional

K-TEK-A343-OTB-BT-DWP

Black titanium electroplated optional



## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, designed with two mouse buttons for right & left clicking, one complete silicone rubber along mounting aluminum plate for easy mounting & sealing tightly with cabinet, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise. **FN+CLEAN** combination keys for easy and fast cleaning without needing to take the keyboard away from PC. Rear panel mounting solution with mounting holes. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 70 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.50KG                  |
| Dimension:       | 343.0mm x 105.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

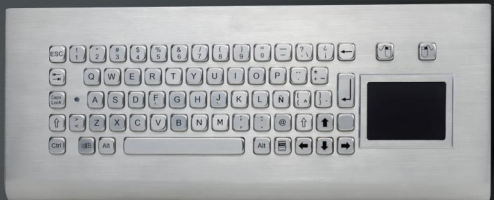
|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration



K-TEK-A343TP-FN-DWP

With function keys for optional



K-TEK-A343TP-MDT-DWP

Mountable desktop version



K-TEK-A343TP-BL-DWP

With backlight version



Part Number : K-TEK-A360KP-FN-DWP

Feature

IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F10, F11, F12 are on the top panel for easy operation. **FN + CLEAN** combination keys to lock and disable the whole keyboard for easy cleaning without needing to take the keyboard away from PC. 1.50mm stainless steel back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, top panel mounting with threaded bolts solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 102 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 360.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-A360KP-FN-DT-DWP

Desktop version optional



K-TEK-A360KP-FN-BL-DWP

Backlight version optional



Feature

IP65 vandal proof stainless steel industrial keyboard with IP65 38.0mm stainless steel mechanical trackball module with 400 DPI resolutions for fast and accurate cursor position, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, functional keys F1, F2...F11, F12 are on the top line for easy operation. 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

| Optional Configuration | Part Number              | Remark                                        |
|------------------------|--------------------------|-----------------------------------------------|
|                        | K-TEK-A361-MTB-DWP       | Without function keys optional                |
|                        | K-TEK-B361-MTB-DWP       | Short stroke & Without function keys optional |
|                        | K-TEK-A361-MTB-FN-DT-DWP | Desktop version                               |



## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, functional keys F1, F2,...F11, F12 are on the top line for easy operation. 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Part Number : K-TEK-A361-OTB-FN-DWP

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark

|  |                          |                                                    |
|--|--------------------------|----------------------------------------------------|
|  | K-TEK-A361-OTB-DWP       | Without function keys optional                     |
|  | K-TEK-A361-OTB-BL-DWP    | Without function keys & Backlight version optional |
|  | K-TEK-A361-OTB-FN-BL-DWP | Backlight version optional                         |
|  | K-TEK-A361-OTB-FN-BT-DWP | Black titanium electroplated optional              |



## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, F1, F2,...F11, F12 are on the top line for easy operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise. one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 85 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark

|  |                        |                                                    |
|--|------------------------|----------------------------------------------------|
|  | K-TEK-A361-RTP-FN-DWP  | Resistive touchpad optional                        |
|  | K-TEK-A361TP-DWP       | Without function keys optional                     |
|  | K-TEK-A361TP-BL-DWP    | Without function keys & Backlight version optional |
|  | K-TEK-A361TP-FN-BT-DWP | Black titanium electroplated optional              |



Part Number : K-TEK-A392-MTB-FN-DWP

### Feature

IP65 vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller, and IP65 static waterproof 38.0mm stainless steel mechanical trackball module with 400 DPI high resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with 12 function keys (F1, F2...F11, F12) on the top line for easy operation, **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, 3.0mm aluminum back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. Industrial Backlight optional(red/blue/white/green optional).

### Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 91 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 392.0mm x 135.0mm(L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

### Optional Configuration

### Part Number

### Remark



K-TEK-A392-OTB-DWP

Optical trackball module & without function keys optional



K-TEK-A392-OTB-FN-DWP

Optical trackball module optional



K-TEK-A392TP-DWP

Without function keys & with touchpad optional



K-TEK-A392TP-FN-DWP

With touchpad version



Part Number : K-TEK-A396KP-FN-DWP

Feature

IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2.. F11, F12 are on the top panel for easy operation. 3.0mm aluminum back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 108 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 396.0mm x 125.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A405-MTB-DWP

Feature

IP65 vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller, and IP65 38.0mm stainless steel mechanical trackball module with 400 DPI high resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, 3.0mm aluminum back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, top panel mounting with threaded bolts on back plate. **FN + CLEAN** combination key to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 75 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 405.0mm x 140.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Feature

IP65 vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller, and IP65 38.0mm stainless steel mechanical trackball module with 400 DPI high resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, 3.0mm aluminum back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, top panel mountingsolution. **FN + CLEAN** combination key to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC, Industrial Backlight (red/blue/white/green) optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 75 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 400.0mm x 124.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

| Optional Configuration                                                               | Part Number        | Remark                            |
|--------------------------------------------------------------------------------------|--------------------|-----------------------------------|
|   | K-TEK-A400-OTB-DWP | Optical trackball module optional |
|  | K-TEK-A400TP-DWP   | With touchpad version             |



Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, function keys F1, F2...F11, F12 are on the top line for easy operation, with numeric keypad, fully sealed and ruggedized industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, and stainless steel top plate with threaded bolts and water-tight gasket for easy & tightened sealing, with top panel mounting solution.

**FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt Mist etc, IP68 dynamic trackball module with direct drain pipe is optional, without metal parts inside to avoid rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 104 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.50KG                  |
| Dimension:       | 420.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-A420-OTB-KP-FN-DT-DWP

Desktop version



K-TEK-A420-OTB-KP-FN-MDT-DWP

Mountable desktop version



K-TEK-A420-OTB-KP-FN-BT-DWP

Black titanium electroplated optional



Feature

IP65 dynamic Vandal Proof Stainless Steel Industrial Keyboard with with full keyboard functionalities, with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, function keys F1, F2..F11, F12 are on the top line for easy operation, with numeric keypad, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, one complete silicone rubber under the top stainless steel plate for easy mounting & sealing tightly with cabinet, stainless steel top plate with threaded bolts for top panel mounting solution. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 103 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 420.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

| Optional Configuration                                                               | Part Number            | Remark                               |
|--------------------------------------------------------------------------------------|------------------------|--------------------------------------|
|   | K-TEK-A420TP-KP-FN-DWP | Desktop version                      |
|  | K-TEK-B420TP-KP-FN-DWP | Short stroke with flat keys optional |



Part Number : K-TEK-A450KP-FN-DWP

## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F23, F24 are on the top line for easy operation, stainless steel top plate with threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 119 keys                              |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.60KG                               |
| Dimension:       | 449.6mm x 233.7mm x 24.0mm(L x W x H) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B210-UT-DWP

## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, rear stainless steel plate with mounting holes and water-tight gasket for easy sealing and tightening with cabinet or panel, rear panel mounting. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 68 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 2.5N±0.2N                |
| Gross Weight:    | ≈1.00KG                  |
| Dimension:       | 210.0mm x 90.0mm (L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B224-UT-DWP

Feature

IP65 dynamic water proof rated vandal proof stainless steel industrial keyboard with industrial PCB electronics controller with gold-on-gold key switch technology with short stroke (0.45±0.05mm ) with extremely good tactile feeling for stable and accurate data input without any noise, rear stainless steel plate with mounting holes and water-tight gasket for easy sealing and tightening with cabinet or panel, rear panel mounting. Industrial backlight optional (Red/blue/white/green optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 53 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈1.00KG                  |
| Dimension:       | 224.0mm x 110.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B228-UT-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45±0.05mm with excellent tactile feeling for stable and accurate data input, one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 68 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 2.5N±0.2N                |
| Gross Weight:    | ≈1.20KG                  |
| Dimension:       | 228.0mm x 108.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B255-25-OTB-FN-DWP

## Feature

IP65 dynamic Vandal Proof Stainless Steel industrial Keyboard with IP68 dynamic rated washable 25.0mm stainless steel optical trackball module with 800DPI resolutions for fast and accurate position with extremely smooth operation, industrial metal PCB with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ ) with extremely good tactile feeling for stable and accurate input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, function keys F1, F2..F11, F12 are on the top panel for easy operation, stainless steel rear plate with mounting holes for rear panel mounting solution, one-piece water tight gasket for easy mounting & sealing tightly with cabinet. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                             |
|------------------|-----------------------------|
| Keys:            | 86 keys                     |
| Key Travel:      | $0.45\pm0.05\text{mm}$      |
| Key Lifespan:    | >1 million actuations       |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$ |
| Gross Weight:    | $\approx 1.50\text{KG}$     |
| Dimension:       | 255.0mm x 105.0mm(L x W)    |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | $\approx 100\text{mA}$                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$                                                                                        |
| Storage Temperature:          | $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$                                                                                        |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark



K-TEK-B255-25-OTB-DWP

Without function keys optional



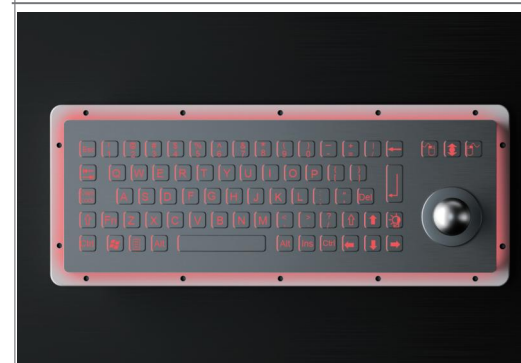
K-TEK-B255-25-OTB-DT-DWP

Desktop version & with combination function keys optional



K-TEK-B255-25-OTB-FN-DT-DWP

Desktop version



K-TEK-B255-25-OTB-BL-DWP

Without function keys & backlight optional



K-TEK-B255-25-OTB-BT-UT-DWP

Without function keys & black titanium electroplated optional



Part Number : K-TEK-B255TP-FN-DWP

## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP65 rugged and tough touchpad module for fast and accurate position with extremely smooth operation, industrial metal PCB with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ ) with extremely good tactile feeling for stable and accurate input without any noise, 2 mouse buttons designed for right & left clicking and scrolling up and down, function keys F1, F2..F11, F12 are on the top panel for easy operation, stainless steel rear plate with mounting holes for rear panel mounting solution, one-piece water tight gasket for easy mounting & sealing tightly with cabinet. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                             |
|------------------|-----------------------------|
| Keys:            | 85 keys                     |
| Key Travel:      | $0.45\pm0.05\text{mm}$      |
| Key Lifespan:    | >1 million actuations       |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$ |
| Gross Weight:    | $\approx 1.20\text{KG}$     |
| Dimension:       | 255.0mm x 105.0mm(L x W)    |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | $\approx 50\text{mA}$                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark



K-TEK-B255TP-DWP

Without function keys optional



K-TEK-B255TP-BL-UT-DWP

Without function keys & backlight optional



K-TEK-B255TP-FN-UT-BT-DWP

Black titanium electroplated optional



Part Number : K-TEK-B312-OTB-KP-FN-DWP

## Feature

IP65 dynamic water proof rated vandal proof stainless steel industrial keyboard with full functionalities, with IP68 dynamic rated washable 25.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate position with extremely smooth operation, industrial metal dome PCB electronics controller module with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ ) with excellent tactile feeling for stable and accurate data input, with numeric keypad included and 12 function keys(F1, F2..F11, F12) on the top line for easy operation. IP68 washable optical trackball module without metal parts inside, no rust risk and with anti-salt spray corrosion function, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, **FN + CLEAN** combination key to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC, rear stainless steel plate with water-tight sealing gasket for easy sealing and tightening with cabinet or panel, rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                             |
|------------------|-----------------------------|
| Keys:            | 107 keys                    |
| Key Travel:      | $0.45\pm0.05\text{mm}$      |
| Key Lifespan:    | >1 million actuations       |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$ |
| Gross Weight:    | $\approx 1.80\text{KG}$     |
| Dimension:       | 312.0mm x 105.0mm(L x W)    |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | $\approx 100\text{mA}$                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

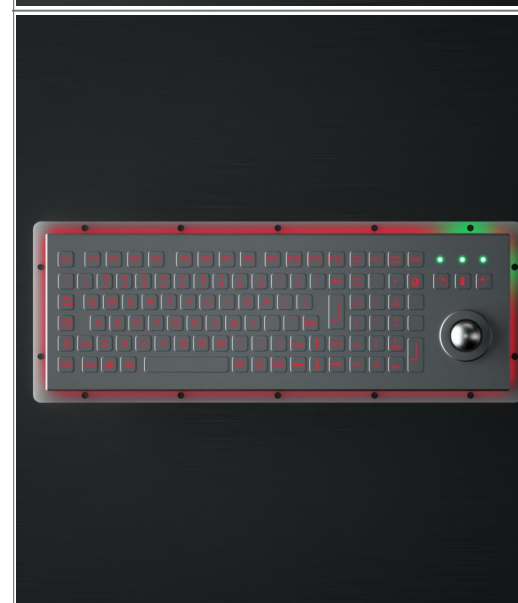
## Part Number

## Remark



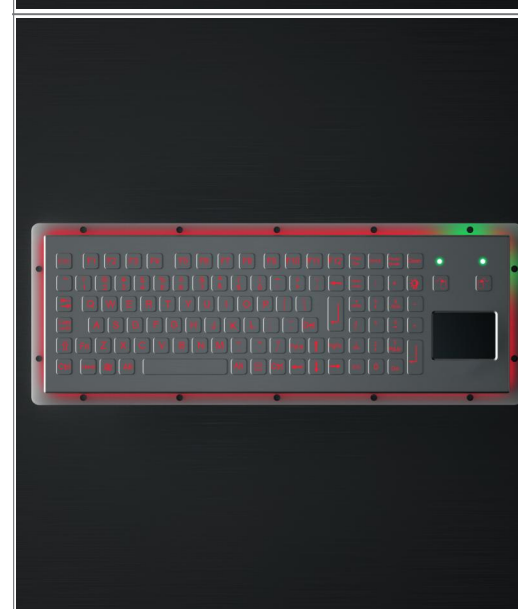
K-TEK-B312-MTB-KP-FN-DWP

Mechanical trackball module optional



K-TEK-B312-OTB-KP-FN-BL-DWP

With backlight version



K-TEK-B312TP-KP-FN-BL-DWP

With touchpad & backlight version



Part Number : K-TEK-B320KP-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, with integrated numeric keypad, rear panel mount with mounting holes. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC.Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 83 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈1.60KG                  |
| Dimension:       | 320.0mm x 105.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B420-MTB-KP-FN-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP65 static 38.0mm stainless steel mechanical trackball module with 400DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with good tactile feeling for stable and accurate data input. F1, F2,...F11, F12 are on the top line for easy operation, with numeric keypad , 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, top stainless steel plate with side threaded bolts for top panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

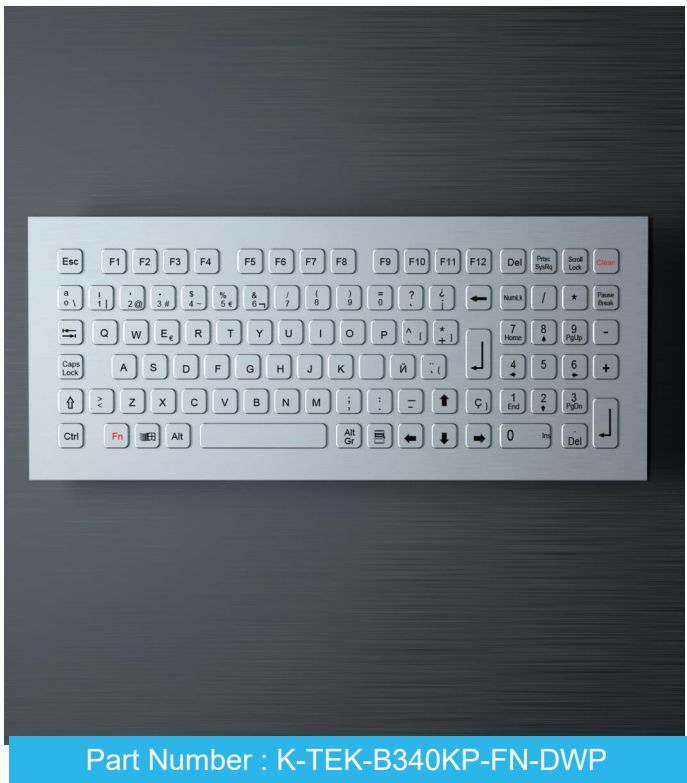
|                  |                           |
|------------------|---------------------------|
| Keys:            | 104 keys                  |
| Key Travel:      | 0.45±0.05mm               |
| Key Lifespan:    | >1 million actuations     |
| Actuation Force: | 3.5N±0.2N                 |
| Gross Weight:    | ≈2.50KG                   |
| Dimension:       | 420.0mm x 145.0mm (L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B340KP-FN-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial metal dome PCB with gold-on-gold key switch technology with short stroke short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, with 12 function keys(F1, F2..F11, F12) on the top panel for easy operation, with integrated numeric keypad, and stainless steel top plate with threaded bolts and water-tight gasket for easy & tightened sealing, with top panel mounting solution. Industrial Backlight (red/blue/ white/green) optional. **FN+CLEAN** combination keys to lock/ disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 99 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 340.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-B340KP-DWP

Without function keys optional



K-TEK-B340KP-DT-DWP

Without function keys & desktop version optional



K-TEK-B340KP-FN-DT-DWP

Desktop version



Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP65 dynamic sealed and ruggedized tough touchpad for fast and accurate cursor position, industrial metal PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with extremely good tactile feeling for stable and accurate input without any noise, one complete silicone rubber along the underneath of stainless steel top plate for easy mounting & sealing tightly with cabinet, 2 mouse buttons designed for right & left clicking, function keys F1, F2.. F11, F12 are on the top panel for easy operation, stainless steel top plate with threaded bolts for top panel mounting solution. adjustable industrial backlight optional. (Blue, Red, White colors etc. optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 85 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-B361TP-DWP

Without function keys optional



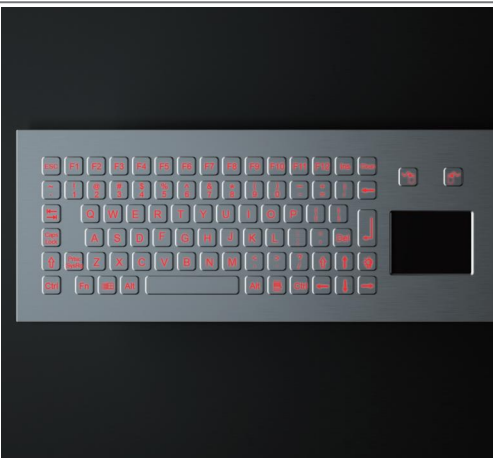
K-TEK-B361TP-FN-DT-DWP

Desktop version



K-TEK-B361TP-FN-EB-DT-DWP

With explosion-proof safety barrier & desktop version optional



K-TEK-B361TP-FN-BL-DWP

With backlight optional



Part Number : K-TEK-B513TP-KP-FN-DWP

### Feature

IP68 dynamic vandal proof stainless steel industrial keyboard with IP65 dynamic sealed and ruggedized tough touchpad for fast and accurate cursor position, industrial metal PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with extremely good tactile feeling for stable and accurate input without any noise, one complete silicone rubber along the underneath of stainless steel top plate for easy mounting & sealing tightly with cabinet, 2 mouse buttons designed for right & left clicking, function keys F1, F2..F11, F12 are on the top line for easy operation, with numeric keypad. Wall mountable desktop version. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 103 keys                 |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈5.00KG                  |
| Dimension:       | 513.0mm x 409.5mm(L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A272-MDT-DWP

### Feature

IP68 dynamic washable vandal proof stainless steel industrial keyboard, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from computer. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc. Metal housing with screw holes for wall mounting, mountable wall DESK TOP VERSION.

### Mechanical Data

|                  |                                            |
|------------------|--------------------------------------------|
| Keys:            | 68 keys                                    |
| Key Travel:      | 1.50±0.10mm                                |
| Key Lifespan:    | >5 million actuations                      |
| Actuation Force: | 1.5N±0.2N                                  |
| Gross Weight:    | ≈2.00KG                                    |
| Dimension:       | 290.0mm x 165.0mm x (37 + 23)mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP65 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard, with IP65 rated 38.0mm static mechanical trackball module with 400 DPI resolutions for fast and accurate cursor position, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, wall mountable desktop version, flat desktop version optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Part Number : K-TEK-A343-MTB-MDT-DWP

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 71 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 403.0mm x 165.0mm x 60.0mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP68 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, functional keys F1, F2,... F11, F12 are on the top line for easy operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm)with excellent tactile feeling for fast and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Part Number : K-TEK-A369TP-FN-DT-DWP

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 369.0mm x 155.0mm x 26.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A361TP-FN-DT-DWP

Feature

IP68 dynamic sealed and ruggedized vandal proof, explosive proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, functional keys F1, F2,...F11, F12 are on the top line for easy operation, industrial PCB with carbon-on-gold key switch technology with long stroke(1.50±0.10)mm with excellent tactile feeling for fast and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottom for fixing. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC.Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈2.50KG                               |
| Dimension:       | 361.0mm x 145.0mm x 21.5mm(L x W x H) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

Optional Configuration

Part Number

Remark



K-TEK-A361-DHP-FN-DT-DWP

With hula pointer mouse optional



K-TEK-A361-JS-FN-DT-DWP

With joystick version



K-TEK-A361-OTB-FN-DT-DWP

With optical trackball version



Part Number : K-TEK-A370TP-FN-SDT-DWP

### Feature

IP68 dynamic vandal proof stainless steel industrial keyboard with sealed & ruggedized IP65 tough touch pad with scroll function (optional) for fast and accurate cursor position, functional keys F1, F2 ...F11, F12 are on the top line for easy operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with excellent tactile feeling for fast and accurate data input, foldable keyboard with rotating shaft for wall-mountable solution, with 96°angles for rotation. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC.Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.50KG                               |
| Dimension:       | 370.0mm x 171.0mm x 31.0mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A382TP-DHP-FN-DT-DWP

### Feature

IP68 dynamic washable vandal proof stainless steel industrial keyboard, with IP65 dynamic sealed & ruggedized tough antimicrobial silicone rubber hula pointer mouse for fast and accurate cursor position with two mouse buttons (1.20mm long stroke), integrated with IP65 dynamic sealed & ruggedized tough touchpad. with scroll function (optional) for fast and accurate cursor position, function keys F1, F2...F11, F12 are on the top line for easy operation, **FN+CLEAN** combination key to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from computer, industrial PCB with carbon-on-gold key switch technology with long stroke(1.50±0.10mm)with excellent tactile feeling for fast and accurate data input, movable stand alone DESK TOP VERSION, which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

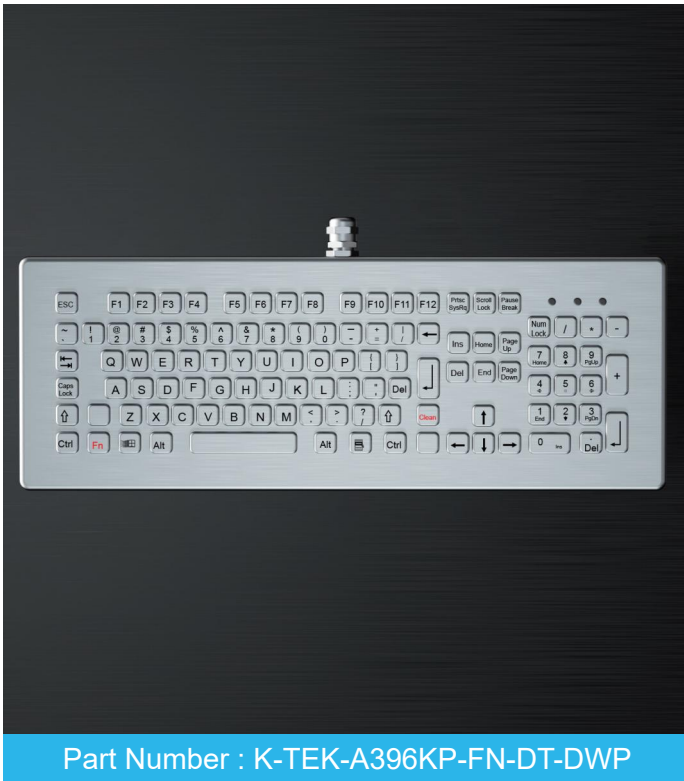
|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 382.0mm x 145.0mm x 21.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP68 dynamic washable vandal proof stainless steel industrial keyboard with industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F11, F12 are on the top line for easy operation, **FN+CLEAN** combination key to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from computer. Movable stand alone DESK TOP VERSION, which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 108 keys                              |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 426.0mm x 155.0mm x 21.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP68 dynamic vandal proof stainless steel industrial keyboard with hall joystick(joystick or mouse protocol optional, 1 or 2 mouse buttons on top of joystick optional). With IP68 dynamic rated 38.0mm harden resin optical trackball (stainless steel optical trackball optional), Trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise. With 3 mouse buttons above the trackball for easily direct cursor, function keys F1, F2...F11, F12 are on the top line for easy operation, **FN+CLEAN** combination keys for easy cleaning without taking the keyboard away from PC. industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, movable stand alone DESK TOP VERSION. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 86 keys                               |
| Key Travel:      | 1.50±0.10mm                           |
| Key Lifespan:    | >5 million actuations                 |
| Actuation Force: | 1.5N±0.2N                             |
| Gross Weight:    | ≈5.40KG                               |
| Dimension:       | 443.0mm x 145.0mm x 50.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B332TP-KP-FN-BL-DT-DWP

### Feature

IP68 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, functional keys F1, F2...F11, F12 are on the top line for easy operation, numeric keypad , industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm)with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. With adjustable industrial backlight included(Blue, Red, White colors etc. optional). **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC.Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 106 keys                              |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 2.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 332.0mm x 125.0mm x 21.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | 50mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B365-RTP-FN-DT-DWP

### Feature

IP68 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough resistive touchpad with scroll function (optional) for fast and accurate cursor position, users who wear gloves can also use it without any problem. Function keys F1, F2...F11, F12 are on the top line for easy operation, industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈2.50KG                               |
| Dimension:       | 365.0mm x 155.0mm x 26.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B361TP-FN-EB-DT-DWP

## Feature

IP68 sealed and ruggedized dynamic waterproof, dustproof, and explosion-proof stainless steel metal special keyboard, with explosion-proof safety barrier and built-in integrated metal-dome gold PCB control module, with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, functional keys F1, F2...F11, F12 are on the top line for easy operation, industrial metal dome PCB with gold-on-gold key switch technology. The overall keys are flat and no raised keys for dust accumulation, and the surface is extremely easy for cleaning and washing, with 0.45mm short stroke with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or optional mountable desktop with mounting holes on the bottoms for fixing. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈2.50KG                               |
| Dimension:       | 361.0mm x 145.0mm x 31.5mm(L x W x H) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark



K-TEK-B361-DHP-FN-DT-DWP

With stainless steel hula pointer & without explosion-proof safety barrier optional



K-TEK-B361TP-FN-DT-DWP

Without explosion-proof safety barrier optional



Part Number : K-TEK-B361-OTB-FN-DT-DWP

## Feature

IP68 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with +800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, function keys F1, F2...F11, F12 are on the top line for easy operation Industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct dynamic water, oil, dirt, salt mist etc, IP68 dynamic trackball module with direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 86 keys                               |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈2.50KG                               |
| Dimension:       | 361.0mm x 145.0mm x 50.5mm(L x W x H) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

## Optional Configuration

## Part Number

## Remark



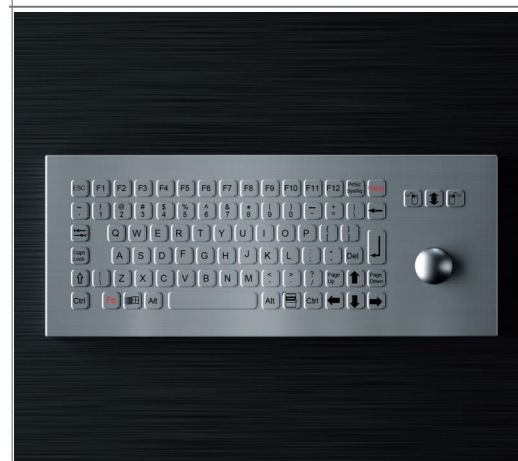
K-TEK-B361-OTB-DT-DWP

Without function keys optional



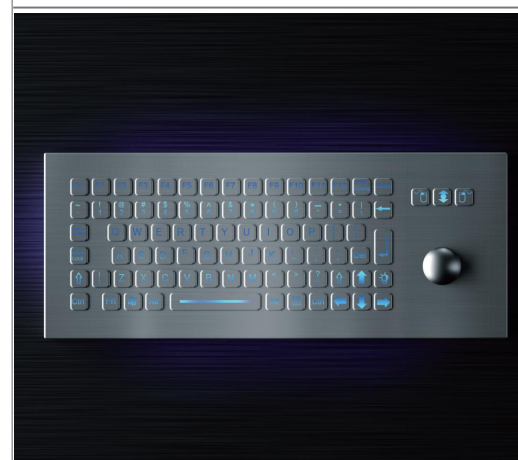
K-TEK-B361-OTB-DWP

Without function keys & panel mount version



K-TEK-B361-OTB-FN-DWP

Top panel mount version



K-TEK-B361-OTB-FN-BL-DWP

With backlight & panel mount version



Part Number : K-TEK-B365TP-FN-DT-DWP

### Feature

IP68 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, function keys F1, F2...F11, F12 are on the top line for easy operation, industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 85 keys                               |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈2.50KG                               |
| Dimension:       | 365.0mm x 155.0mm x 26.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B380-DHP-FN-DT-DWP

### Feature

IP68 dynamic waterproof, oil proof, dust proof and explosive proof stainless steel industrial keyboard with sealed & ruggedized tough stainless steel hula pointer for fast and accurate cursor position, 2 mouse buttons designed for right & left clicking, functional keys F1, F2...F11, F12 are on the top line for easy operation, industrial metal dome PCB with gold-on-gold key switch technology, all the keys are flat without raised keys for dust accumulation, and the surface is extremely easy for cleaning and washing, with 0.45mm short stroke with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or optional mountable desktop with mounting holes on the bottoms for fixing. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without disconnecting the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 90 keys                               |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 380.0mm x 155.0mm x 21.5mm(L x W x H) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B420-OTB-KP-FN-DT-DWP

Feature

IP68 dynamic sealed and ruggedized vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with +800DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, function keys F1, F2... F11, F12 are on the top line for easy operation, numeric keypad, industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, movable stand alone DESK TOP VERSION, or mountable desktop with mounting holes on the bottoms for fixing. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                                       |
|------------------|---------------------------------------|
| Keys:            | 104 keys                              |
| Key Travel:      | 0.45±0.05mm                           |
| Key Lifespan:    | >1 million actuations                 |
| Actuation Force: | 3.5N±0.2N                             |
| Gross Weight:    | ≈3.00KG                               |
| Dimension:       | 430.0mm x 145.0mm x 50.5mm(L x W x H) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP68                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |

| Optional Configuration | Part Number               | Remark                                          |
|------------------------|---------------------------|-------------------------------------------------|
|                        | K-TEK-B420-MTB-KP-FN-DWP  | With mechanical trackball & panel mount version |
|                        | K-TEK-B420-OTB-KP-FN-DWP  | Top panel mount version                         |
|                        | K-TEK-B420TP-KP-FN-DT-DWP | With touchpad version                           |



## Feature

IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F11, F12 are on the top panel for easy operation 1.50mm stainless steel back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, top panel mounting solution. Stainless steel keycaps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial White backlight included. The full keyboard can be locked/disabled via **FN + CLEAN** combination keys for easily cleaning without taking the keyboard away from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Part Number : K-TEK-A360KP-FN-BL-DWP

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 102 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 360.0mm x 145.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | 30mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



## Feature

IP65 dynamic washable vandal proof stainless steel industrial keyboard with IP66 dynamic sealed & ruggedized tough hula pointer mouse for fast and accurate cursor position, one complete silicone rubber along 3.0mm thick brushed & oxidized aluminum back plate for easy mounting & sealing tightly with cabinet, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data Input without any noise, top panel mounting solution. Which is good for outdoor application with direct rain and harsh environment with humidity, much dynamic water, oil, dirt, salt mist etc. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial blue or red backlight included.

Part Number : K-TEK-A361-DHP-FN-BL-DWP

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | 50mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic washable 38.0mm stainless steel optical trackball module(Silver Harden Resin is available) with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, stainless steel top plate with threaded bolts for top panel mounting solution. IP68 dynamic trackball module with direct drain pipe is optional, no rust risk and anti-salt spray Corrosion. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial red or white backlight included.

Part Number : K-TEK-A361-OTB-BL-DWP

### Mechanical Data

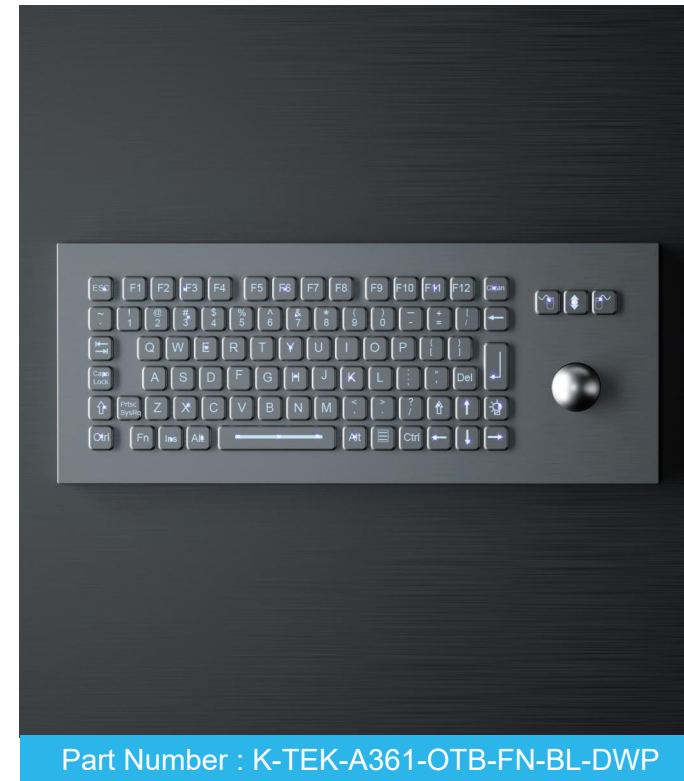
|                  |                          |
|------------------|--------------------------|
| Keys:            | 71 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 125.0mm(L x W) |

### Electrical Data

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                            |
| Working Current:   | 50mA (with backlight off) ,300mA (with backlight on) |
| Connect Interface: | USB/PS2 optional                                     |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android  |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP65 static vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, function keys F1, F2..F11, F12 are on the top panel for easy operation. industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, stainless steel top plate with threaded bolts for top panel mounting solution. IP68 dynamic trackball module with direct drain pipe is optional, no rust risk and anti-salt spray Corrosion. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial blue or red backlight included. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Part Number : K-TEK-A361-OTB-FN-BL-DWP

### Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 85 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 125.0mm(L x W) |

### Electrical Data

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                            |
| Working Current:   | 50mA (with backlight off) ,300mA (with backlight on) |
| Connect Interface: | USB/PS2 optional                                     |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android  |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A380TP-FN-BL-ML-EMC-DWP

### Feature

IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional) for fast and accurate cursor position, with built-in military grade PCB, 12 function keys on top line for easy operation, carbon-on-gold key switch technology with long stroke ( $1.50\pm0.10\text{mm}$ ) with extremely good tactile feeling for fast and accurate data input without any noise, rear panel mounting solution. With white backlight included. Designed to Meet MIL-STD-461G (EMC, EMI, EMS, ESD) and MIL-STD-810F (wide temperature, shock, salt mist, vibration, fungus, humidity etc.). Which can also meet the critical military standards in these 10 aspects: reliability, safety, maintainability, testability, supportability, environmental adaptability, stability, compatibility, consistency, and continuity. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

### Mechanical Data

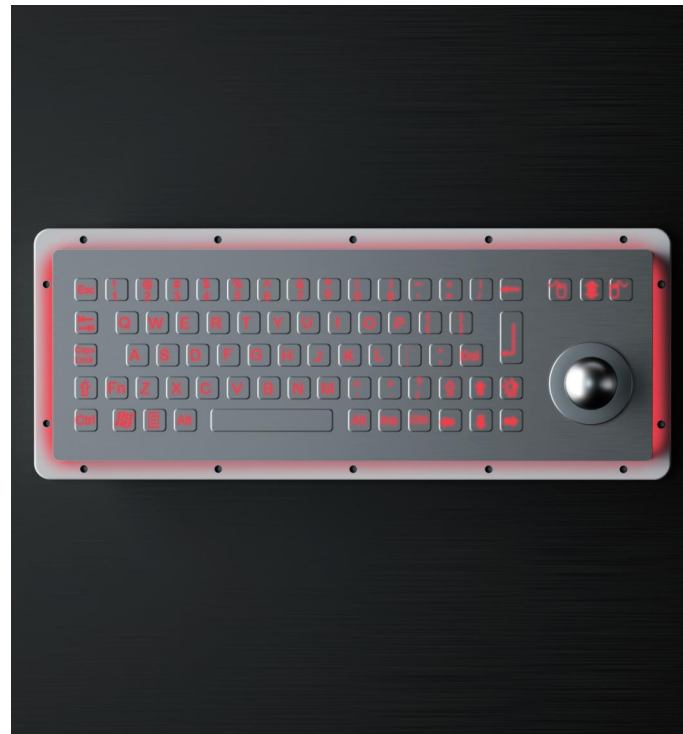
|                  |                                                |
|------------------|------------------------------------------------|
| Keys:            | 89 keys                                        |
| Key Travel:      | $1.50\pm0.10\text{mm}$                         |
| Key Lifespan:    | >5 million actuations                          |
| Actuation Force: | $1.5\text{N}\pm0.2\text{N}$                    |
| Gross Weight:    | $\approx 2.10\text{KG}$                        |
| Dimension:       | $430.0\text{mm} \times 159.0\text{mm}$ (L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | 30mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                                                                                                                                                                                                                     |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD, MIL-STD-461G-EMC-EMI-EMS-ESD and MIL-STD-810F (high and low wide temperature, low pressure, humidity, vibration, shock, temperature shock, rain, dust, fungus, solar radiation etc.) |                                                                                                                                       |
| Protection Level:                                                                                                                                                                                                   | IP65                                                                                                                                  |
| MTBF:                                                                                                                                                                                                               | >20000H                                                                                                                               |
| MTTR:                                                                                                                                                                                                               | <30min                                                                                                                                |
| Operating Temperature:                                                                                                                                                                                              | $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$                                                                                        |
| Storage Temperature:                                                                                                                                                                                                | $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$                                                                                        |
| APPLICATION:                                                                                                                                                                                                        | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B255-25-OTB-BL-DWP

### Feature

IP65 compact format vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with 800DPI resolutions for fast and accurate cursor position with extremely smooth operation without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, industrial metal dome PCB with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ ) with excellent tactile feeling for stable and accurate data input, flat stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, industrial backlight included, high quality durable black titanium electroplated on the top stainless steel plate optional, rear panel mounting. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

### Mechanical Data

|                  |                                               |
|------------------|-----------------------------------------------|
| Keys:            | 71 keys                                       |
| Key Travel:      | $0.45\pm0.05\text{mm}$                        |
| Key Lifespan:    | >1 million actuations                         |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$                   |
| Gross Weight:    | $\approx 1.50\text{KG}$                       |
| Dimension:       | $255.0\text{mm} \times 90.0\text{mm}$ (L x W) |

### Electrical Data

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                      |
| Working Current:   | 50mA (with backlight off) ,300mA (with backlight on) |
| Connect Interface: | USB/PS2 optional                                     |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android  |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$                                                                                        |
| Storage Temperature:          | $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$                                                                                        |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B255TP-UT-DWP

Feature

IP65 dynamic washable Vandal Proof Stainless Steel industrial Keyboard with IP65 dynamic sealed and ruggedized tough touchpad for fast and accurate cursor position, industrial metal PCB with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ ) with extremely good tactile feeling for stable and accurate input without any noise, one complete silicone rubber along the underneath of stainless steel rear plate for easy mounting & sealing tightly with cabinet, 2 mouse buttons designed for right & left clicking, stainless steel rear plate with mounting holes for rear panel mounting solution. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with industrial backlight for optional. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| Keys:            | 70 keys                                                         |
| Key Travel:      | $0.45\pm0.05\text{mm}$                                          |
| Key Lifespan:    | >1 million actuations                                           |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$                                     |
| Gross Weight:    | $\approx 1.50\text{KG}$                                         |
| Dimension:       | $255.0\text{mm} \times 90.0\text{mm}(\text{L} \times \text{W})$ |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | 50mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B312-OTB-KP-FN-BL-DWP

Feature

IP65 dynamic washable Vandal Proof Stainless Steel industrial Keyboard with IP68 dynamic rated washable 25mm stainless steel optical trackball module with +800DPI resolutions for fast and accurate position with extremely smooth operation, industrial metal PCB with gold-on-gold key switch technology with short stroke ( $0.45\pm0.05\text{mm}$ )with extremely good tactile feeling for stable and accurate input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, numeric keypad integrated, function keys F1, F2..F11, F12 are on the top panel for easy operation, stainless steel rear plate with mounting holes for rear panel mounting solution, one-piece water tight gasket for easy mounting & sealing tightly with cabinet. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial backlight included (Blue, Red, White colors etc.optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Keys:            | 107 keys                                                         |
| Key Travel:      | $0.45\pm0.05\text{mm}$                                           |
| Key Lifespan:    | >1 million actuations                                            |
| Actuation Force: | $2.5\text{N}\pm0.2\text{N}$                                      |
| Gross Weight:    | $\approx 1.80\text{KG}$                                          |
| Dimension:       | $312.0\text{mm} \times 105.0\text{mm}(\text{L} \times \text{W})$ |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V $\pm$ 5%                                     |
| Working Current:   | 50mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20°C ~ +65°C                                                                                                                         |
| Storage Temperature:          | -30°C ~ +75°C                                                                                                                         |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-B361-OTB-FN-BL-DWP

Feature

IP65 dynamic washable Vandal Proof Stainless Steel industrial Keyboard with IP68 dynamic water proof trackball for fast and accurate cursor position, industrial metal PCB with gold-on-gold key switch technology with short stroke(0.45±0.05mm)with extremely good tactile feeling for stable and accurate input without any noise, one complete silicone rubber along the underneath of stainless steel top plate for easy mounting & sealing tightly with cabinet, 3 mouse buttons designed for right & left clicking, function keys F1, F2..F11, F12 are on the top panel for easy operation, stainless steel top plate with threaded bolts for top panel mounting solution. Stainless steel key caps etched out via special professional way and filled with transparent epoxy for backlight out, with adjustable industrial backlight included. (Blue, Red, White colors etc. optional). Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 3.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | 50mA when backlight is off, 300mA with backlight on |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A272-BT-DWP

Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate input without any noise. High quality durable black titanium electroplated on the top stainless steel plate and all keys included, rear panel mounting solution. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 68 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.50KG                  |
| Dimension:       | 272.0mm x 105.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A340KP-FN-BT-DWP

## Feature

IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F11, F12 are on the top panel for easy operation. 1.50mm stainless steel back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. Adjustable industrial backlight optional. High quality durable black titanium electroplated on the top stainless steel plate and keys. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 102 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.80KG                  |
| Dimension:       | 340.0mm x 125.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A361-OTB-FN-BT-DWP

## Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, high quality durable black titanium electroplated on the top stainless steel plate, stainless steel top plate with threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, IP68 washable trackball module with direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

## Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 86 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.00KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

## Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

## Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A361TP-FN-BT-DWP

### Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with IP65 dynamic sealed & ruggedized tough touchpad with scroll function (optional)for fast and accurate cursor position, F1, F2...F11, F12 are on the top line for easy operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise. one complete sealing silicone rubber under top stainless steel plate for easy mounting & sealing tightly with cabinet, high quality durable black titanium electroplated on the top stainless steel plate and keys, top stainless steel plate with side threaded bolts for top panel mounting solution. **FN+ CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

### Mechanical Data

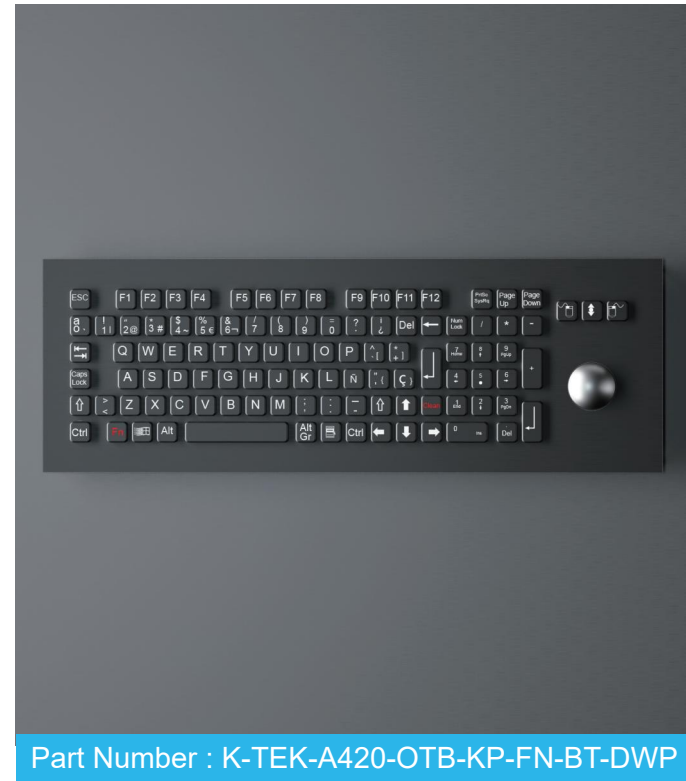
|                  |                          |
|------------------|--------------------------|
| Keys:            | 85 keys                  |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈1.50KG                  |
| Dimension:       | 361.0mm x 145.0mm(L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Part Number : K-TEK-A420-OTB-KP-FN-BT-DWP

### Feature

IP65 dynamic vandal proof stainless steel industrial Keyboard with full keyboard functionalities, with IP68 dynamic rated washable 38.0mm stainless steel optical trackball module with 800 DPI resolutions for fast and accurate cursor position with extremely smooth operation, industrial PCB with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with numeric keypad, function keys F1, F2..F11, F12 are on the top line for easy operation, 3 mouse buttons designed for right & left clicking and scrolling up and down with ball rolling, high quality durable black titanium electroplated on the top stainless steel plate, stainless steel top plate with threaded bolts for top panel mounting solution. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC.Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, IP68 washable trackball module with direct drain pipe is optional, no rust risk and anti-salt spray corrosion.

### Mechanical Data

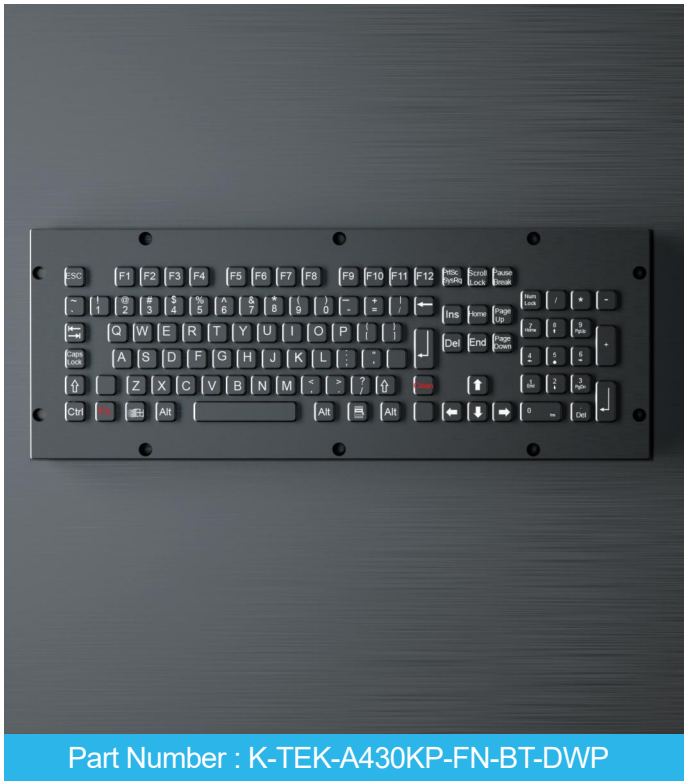
|                  |                          |
|------------------|--------------------------|
| Keys:            | 104 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.50KG                  |
| Dimension:       | 420.0mm x 145.0mm(L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈100mA                                              |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Feature

IP65 dynamic waterproof rugged industrial stainless steel keyboard, 12 function keys are on top line for easy operation, and individual numeric keypad is on the right part of keyboard, carbon-on-gold key switch technology with long stroke (1.50mm±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, high quality durable black titanium electroplated on the top stainless steel plate and keys, with sinking holes for top panel mounting solution. **FN+CLEAN** combination keys to lock/disable the whole keyboard for easy cleaning without error output. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

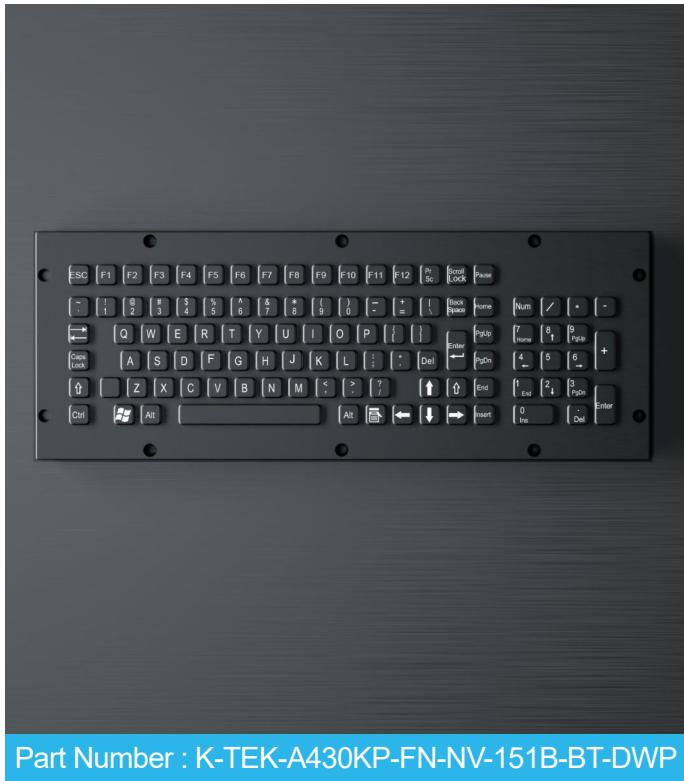
|                  |                          |
|------------------|--------------------------|
| Keys:            | 108 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.10KG                  |
| Dimension:       | 430.0mm x 159.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



Feature

IP65 dynamic waterproof rugged stainless steel military keyboard, with built-in military grade PCB, 12 function keys on top line for easy operation, and individual numeric keypad on the right part, carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, high quality durable black titanium electroplated on the top stainless steel plate and keys, with sinking holes for top panel mounting solution. Designed to Meet **MIL-STD-461G (EMC, EMI, EMS, ESD)** and **MIL-STD-810F** (wide temperature, shock, salt mist, vibration, fungus, humidity etc.). Which can also meet the critical military standards in these 10 aspects: reliability, safety, maintainability, testability, supportability, environmental adaptability, stability, compatibility, consistency, and continuity. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 103 keys                 |
| Key Travel:      | 1.50±0.10mm              |
| Key Lifespan:    | >5 million actuations    |
| Actuation Force: | 1.5N±0.2N                |
| Gross Weight:    | ≈2.10KG                  |
| Dimension:       | 430.0mm x 159.0mm(L x W) |

Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

Reliability

|                                                                                                                                                                                                                     |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD, MIL-STD-461G-EMC-EMI-EMS-ESD and MIL-STD-810F (high and low wide temperature, low pressure, humidity, vibration, shock, temperature shock, rain, dust, fungus, solar radiation etc.) |                                                                                                                                       |
| Protection Level:                                                                                                                                                                                                   | IP65                                                                                                                                  |
| MTBF:                                                                                                                                                                                                               | >20000H                                                                                                                               |
| MTTR:                                                                                                                                                                                                               | <30min                                                                                                                                |
| Operating Temperature:                                                                                                                                                                                              | -40℃ ~ +75℃                                                                                                                           |
| Storage Temperature:                                                                                                                                                                                                | -45℃ ~ +85℃                                                                                                                           |
| APPLICATION:                                                                                                                                                                                                        | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP65 dynamic Vandal Proof Stainless Steel industrial Keyboard with with IP65 rugged and tough touchpad module for fast and accurate position with extremely smooth operation, industrial metal PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with extremely good tactile feeling for stable and accurate input without any noise, 2 mouse buttons designed for right & left clicking and scrolling up and down, function keys F1, F2..F11, F12 are on the top panel for easy operation, stainless steel rear plate with mounting holes for rear panel mounting solution, one-piece water tight gasket for easy mounting & sealing tightly with cabinet.High quality black titanium electroplated on stainless steel surface, **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc.

Part Number : K-TEK-B255TP-FN-UT-BT-DWP

### Mechanical Data

|                  |                          |
|------------------|--------------------------|
| Keys:            | 85 keys                  |
| Key Travel:      | 0.45±0.05mm              |
| Key Lifespan:    | >1 million actuations    |
| Actuation Force: | 2.5N±0.2N                |
| Gross Weight:    | ≈1.20KG                  |
| Dimension:       | 255.0mm x 105.0mm(L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈50mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |



### Feature

IP65 dynamic vandal proof stainless steel industrial keyboard with industrial metal dome PCB with gold-on-gold key switch technology with short stroke (0.45±0.05mm) with excellent tactile feeling for stable and accurate data input, with integrated numeric keypad, and stainless steel top plate with threaded bolts for top panel mounting solution. High quality durable black titanium electroplated on the top stainless steel plate. **FN + CLEAN** combination keys to lock/disable the entire keyboard for easy cleaning and washing without needing to take away the keyboard from PC. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

Part Number : K-TEK-B340KP-FN-BT-DWP

### Mechanical Data

|                  |                           |
|------------------|---------------------------|
| Keys:            | 99 keys                   |
| Key Travel:      | 0.45±0.05mm               |
| Key Lifespan:    | >1 million actuations     |
| Actuation Force: | 3.5N±0.2N                 |
| Gross Weight:    | ≈2.00KG                   |
| Dimension:       | 345.0mm x 145.0mm (L x W) |

### Electrical Data

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Supply Voltage:    | DC +5V±5%                                           |
| Working Current:   | ≈30mA                                               |
| Connect Interface: | USB/PS2 optional                                    |
| OS:                | All Windows, Linux, Unix, Mac OSX, Vxworks, Android |

### Reliability

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliant, CE , FCC, ESD |                                                                                                                                       |
| Protection Level:             | IP65                                                                                                                                  |
| MTBF:                         | >20000H                                                                                                                               |
| MTTR:                         | <30min                                                                                                                                |
| Operating Temperature:        | -20℃ ~ +65℃                                                                                                                           |
| Storage Temperature:          | -30℃ ~ +75℃                                                                                                                           |
| APPLICATION:                  | Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc. |