MODEL NO.: K-TEK-A392-OTB-FN-DWP

DESCRIPTION: 91 keys compact format IP67 dynamic washable 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 (2.0mm) 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, 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). 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.
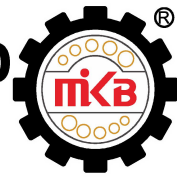
DIMENSIONS:392.0mm x 135.0mm (front panel)

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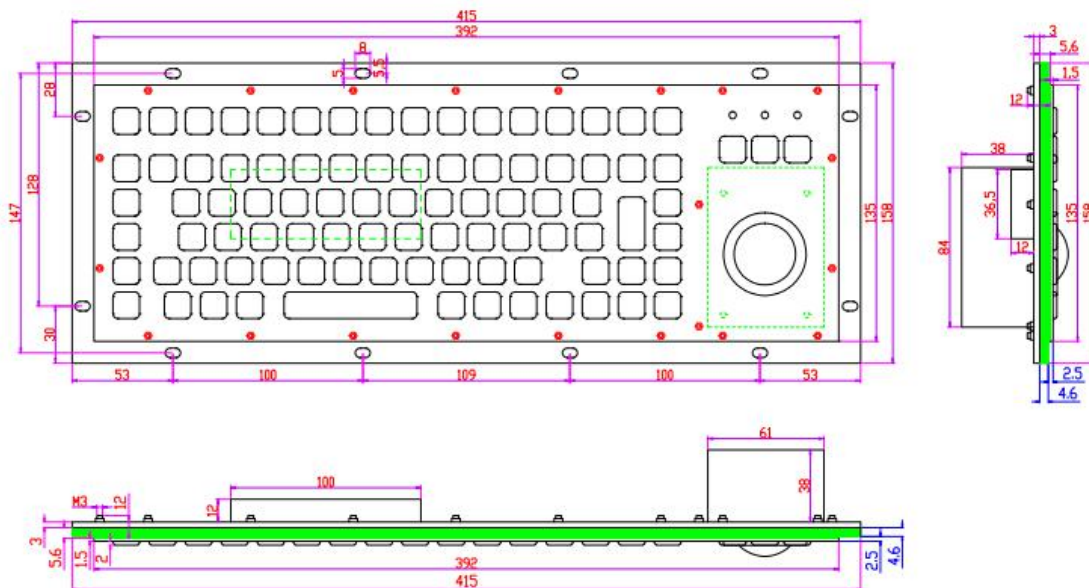Tel: +86 755 89239859, 89230460, 85232807
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APPLICATION

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

MAIN FEATURE

- The full keyboard can be locked/disabled via FN + Clean combination keys for easy cleaning without needing to take the keyboard away from PC.
- Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.
- Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to IP67 protection from top panel, rear aluminum plate with mounting holes easily & tightly mounting to enclosure or panel.
- An excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
- Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which cannot be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Complete electronic modules including controller in close consultation with our customers are available.
- PS/2, USB connection plug and play with PC via PC existing OS driver, no needing of install separate driver.

MECHANICAL DATA

- Actuator/keys:91 keys, super quality SUS304 brushed stainless steel
- Key top style: Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
- Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 70.0mm for space bar.
- Key travel: 2.0mm
- Actuation Force: 1.2 N+/-0.1N for key 14.0mm x 14.0mm (pressure point), 2.0 N+/-0.1N for key 14.0mm x 28.0mm (pressure point)
- Switch life: more than 5 million of operations.
- Front Plate: 1.5mm thickness super quality brushed stainless steel
- Back Plate：3.0mm thickness brushed & oxidized aluminum
- Tracker ball: 38.0mm stainless steel optical trackball module with 800 DPI resolutions
- G.W.:2.0KGs
- Dimensions: 392.0mm x 135.0mm (front panel)

ELECTRICAL DATA

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 100mA
- EMC Standard: EN 55032:2015, EN 55035:2017
- Lifespan > 5 years
- Switch Contact Material: Carbon-on-Gold key switch technology PCB.
- Interface: PS2, USB available
- **OS: All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).**

ENVIRONMENTAL ADAPTABILITY

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

RELIABILITY

- **RoHS Compliant, CE and FCC, ESD**
- **Protection Level: IP67**
- **Vandal resistant IK08**
- Key Lifespan >5 million actuations
- MTBF >20000H
- MTTR <30min