MODEL NO.:   K-TEK-B88KP-AC

DESCRIPTION: 12 keys vandal proof IP65 Stainless Steel keypad with dot matrix circuit with socket on the back panel of PCB for connecting electronics controller, with metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with tactile feeling, top panel mounting with sealing gasket for easy tightly mounting to enclosure or panel

DIMENSIONS: 120.0mm × 98.0mm (front panel)
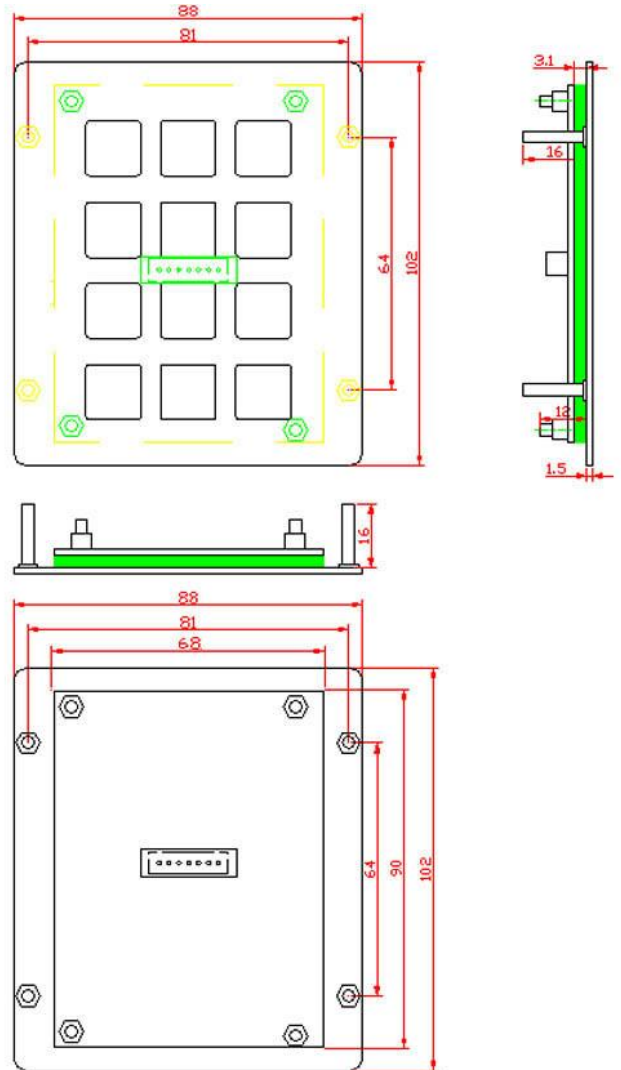
APPLICATION

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

MAIN FEATURE

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

- Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to IP65 protection from top panel, top stainless steel plate with flat keyboard surface for easy cleaning, threaded bolts & sealing gasket for easy tightly mounting to enclosure or panel.
- An excellent tactile feel with short stroke switches and allow users to achieve stable and accurate data input, with firm tactile perception for comfortable operation
- key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.

MECHANICAL DATA

- Actuator/keys: 12 keys, 1.50mm thickness super quality SUS304 brushed stainless steel flat key.
- Key top style: Non-protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are
  available
- Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key
- Key travel: 0.45mm
- Actuation Force: 2.0N+/-0.1N for key 14.0mm x 14.0mm (pressure point) 4.0N+/-0.1N for key 14.0mm x 28.0mm (pressure point)
- Switch life: more than 5 million of operations.
- Front Plate: 1.5mm thickness super quality brushed stainless steel
- Back Plate: 1.5mm thickness super quality stainless steel
- G.W.: 0.40KGs
- Dimensions: 120.0mm x 98.0mm (L x W)

ENVIRONMENTAL ADAPTABILITY

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

RELIABILITY

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