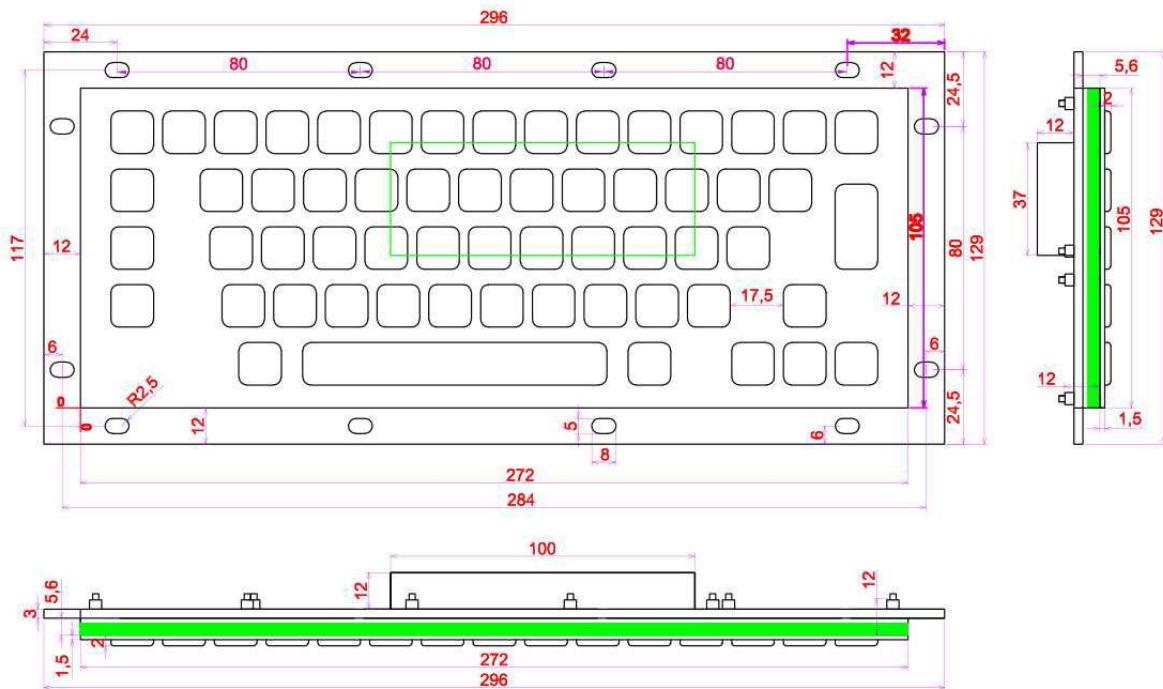


**MODEL NO.: K-TEK-A272**

**DESCRIPTION:**

66 keys compact format IP65 static vandal proof stainless steel industrial keyboard with 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 rear panel mounting solution.

**DIMENSIONS:** 272.0mm x 105.0mm (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, rear aluminium plate with mounting holes easily & tightly mounting to enclosure or panel.
- An excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
- Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Complete electronic modules including controller in close consultation with our customers are available.
- PS/2, USB connection plug and play with PC via PC existing OS driver, no needing of install separate driver.

## **MECHANICAL DATA**

- Actuator/keys: 66 keys, super quality SUS304 brushed stainless steel
- Key top style: Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
- Key Size: 14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 100.0mm for space bar.
- Key travel: 2.0mm
- Actuation Force: 0.6 N+/-0.1N for key 14.0mm x 14.0mm (pressure point ), 1.2 N+/-0.1N for key 14.0mm x 28.0mm (pressure point)
- Switch life: more than 10 million of operations.
- Front Plate: 1.5mm thickness super quality brushed stainless steel
- Back Plate : 3.0mm thickness brushed & oxidized aluminium
- G.W.: 1.30KGs
- Dimensions: 272.0mm x 105.0mm (front panel) , 296.0mm x 129.0mm (back panel)

## **ELECTRICAL DATA**

- Supply Voltage: +5V DC +/-5%
- Current Rating: appr. 20mA

- EMC Standard: It is compliance with the council IEC 61000-4-2:2008 ; IEC 61000-4-3:2006+A1:2007+A2:2010 ; IEC 61000-4-4:2004

- EMI: EN 55022: 2010

- EMS: EN 55024:2010

- Lifespan > 5 years

- Switch Contact Material: Carbon-on-Gold key switch technology PCB.

- Interface: PS2, USB available.

- **OS: All windows, Linux, Unix, Mac OSX**

#### **ENVIRONMENTAL ADAPTABILITY**

- Operating temperature:-20°C to +60°C

- Storage temperature: -30°C to +70°C

- Operating RH: 30-90%

- Atmospheric pressure: 60-106Kpa.

- Saline mist: 96 hours, IEC 60512-6

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

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

#### **RELIABILITY**

- **RoHS Compliant, CE and FCC, ESD**

- **Protection Level: IP65(front panel)**

- **Vandal resistant IK09**

- Key Lifespan >10 million actuations

- MTBF >50000H

- MTTR <30min