



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司



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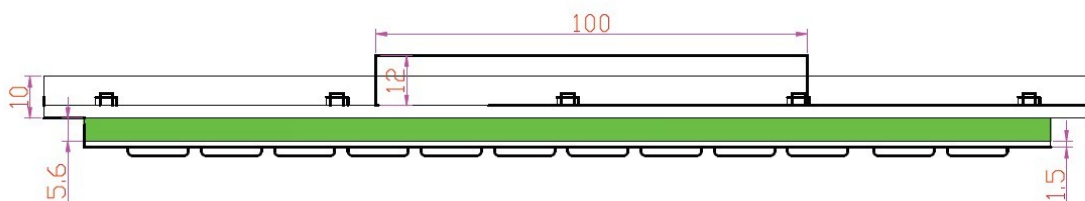
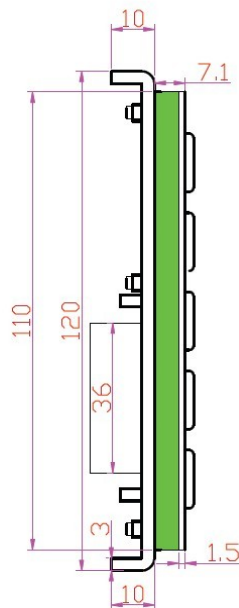
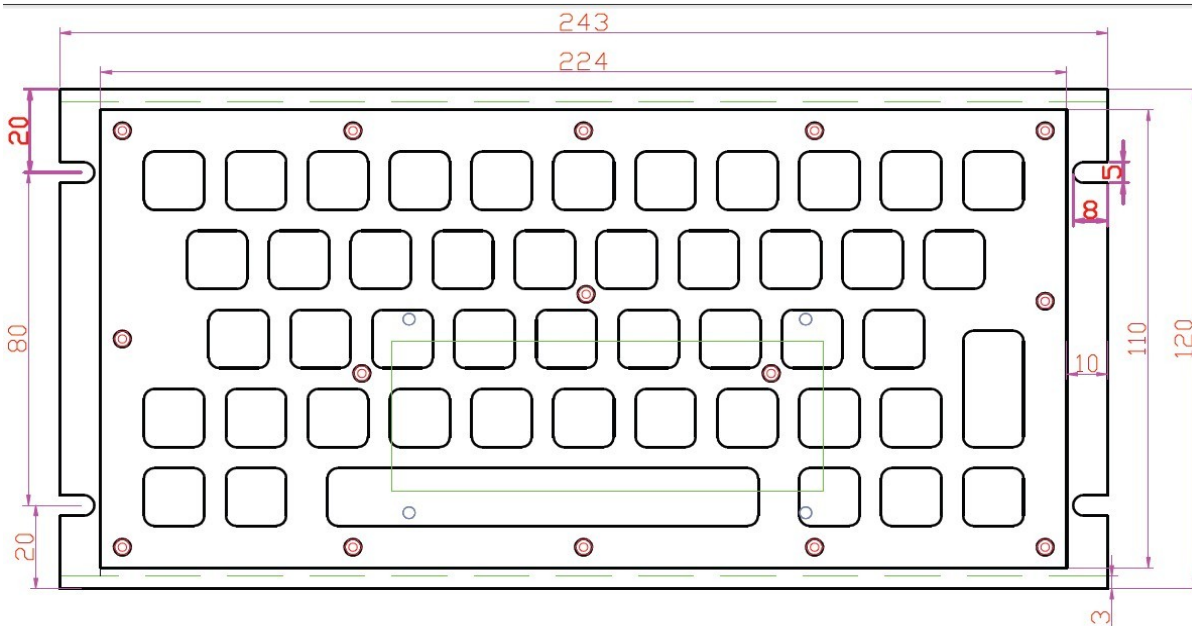
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MODEL NO.: K-TEK-A224

DESCRIPTION: 47 keys vandal proof IP65 stainless steel keyboard with carbon-on-gold key switch technology with long stroke 2.0mm, with rear panel mounting solution.

DIMENSIONS: 224.0mm x 110.0mm (front panel)





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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, 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: 47 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.





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- 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.: 1.0KGs
- Dimensions: 224.0mm x 110.0mm (front panel) , 243.0mm x 120.0mm (back panel)

ELECTRICAL DATA

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

ENVIRONMENTAL ADAPTABILITY

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





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RELIABILITY

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

