



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司



Head Office: B703, Building 1, Tianan Cyber Park, Huang Ge North Road, Longcheng Subdistrict, Long Gang District, ShenZhen, Guang Dong, P.R. China
Factory ADD.: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, DongGuan, Guang Dong, P.R. China

Tel: +86 755 89239859, 89230460, 85232807

Fax: +86 755 89312576

E-mail: info@key-tek.cn, sales01@key-tek.cn

Website: www.key-tek.cn, www.rugged-key.com

- 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: 71 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: 343.0mm x 105.0mm (front panel), 367.0mm x 129.0mm (back panel)

ELECTRICAL DATA





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- 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

