



# KEY TECHNOLOGY (CHINA) LIMITED

## 深圳市键特电子有限公司

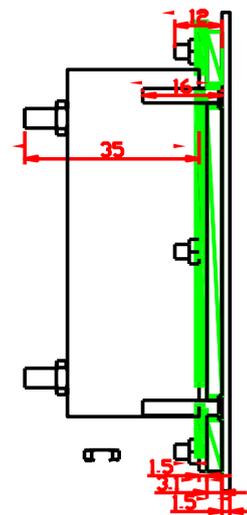
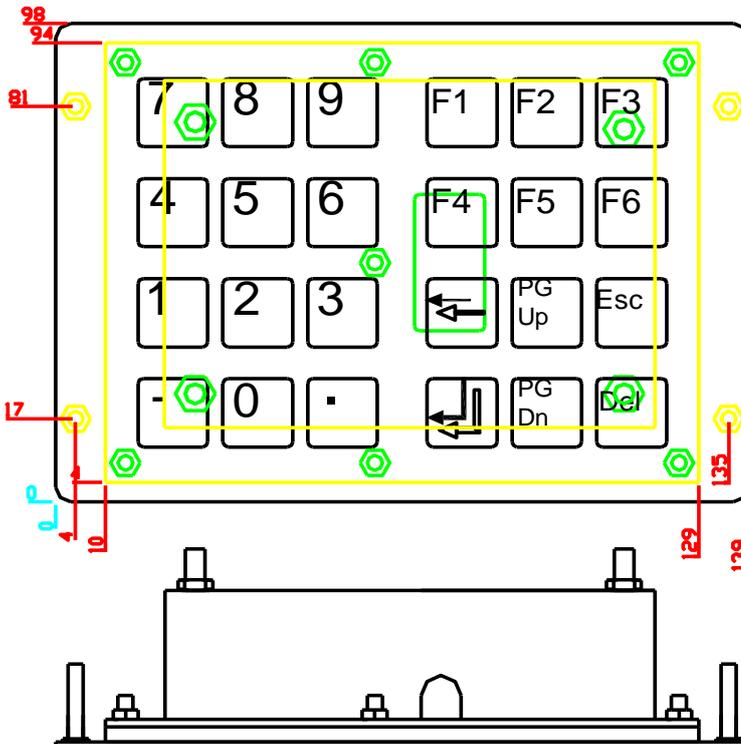


Head Office: B702, Building 1, Tianan Cyber Park, Huang Ge North Road, Longcheng Subdistrict, Long Gang District, ShenZhen, Guang Dong, P.R.China  
 Factory ADD: 4 Floor, No. 6, High-Tech Road, Baolong Industrial Zone, Longgang District, ShenZhen, Guang Dong, P.R.China  
 Tel: +86 755 89239859, 89230460, 85232807  
 Fax: +86 755 89312576  
 E-mail: info@key-tek.cn, sales01@key-tek.cn  
 Website: www.key-tek.cn, www.ikb-mkb.com

**MODEL NO.:** K-TEK-B139KP(24)

**DESCRIPTION:** 24 keys compact format IP65 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial metal dome PCB electronics controller shielded & protected by stainless steel housing, industrial metal dome PCB with gold-on-gold key switch technology with short stroke 0.45mm with excellent tactile feeling for stable and accurate data input, top stainless steel plate with threaded bolts under top stainless steel plate for top panel mounting solution.

**DIMENSIONS:** 139.0mm x 98.0mm





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### MAIN FEATURE

- Stainless steel fascia and key-tops guard willful destruction, against corrosion, shock, dust, falling raining, splashing, hose-directed water and vandal resistant, operation under hostile environments.
- Internet friendly key layout, key-tops are sunk laser-etched in legends and characters via using high quality ink for easy readability, long life to prevent lettering rub-off. Or protrusive engraving available
- With firm tactile key feel, short travel switches, with unique double over-travel protection.
- Waterproof/dirt-proof execution according to degree of protection IP65, waterproof and dirt proof encapsulation with unique membrane.
- Easily mounting into enclosure or panel, and is provided with PS/2, connection output cables that plug directly into the host computer for normal keypad operations.
- **OS: DOS/Windows95/98/NT/ME/2000/2003/XP/Vista/Win7, Linux, Unix, Mac OSX**

### COMMUNICATION PARAMETER

- USB, PS2 or RS232 interface are available.
- 24 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ., -, F1, F2, F3, F4, F5, F6, Backspace, Enter, ESC, Del, Pgup, Pgdn, 4 x 6 scanning code. Any keys can be re-defined per customers' requirements.

### MECHANICAL DATA

- Switch Contact Material: Gold-on-Gold key switch technology with metal dome PCB.
- Actuation Force: 2.0N (pressure point)
- Key Travel: 0.45mm
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel
- Actuator/keys materials: stainless steel
- Dimensions: 139.0mm x 98.0mm
- G.W. 1.20KGs

### ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation
- Electrical lifetime: > 5 years
- EMC: EN55022(B)
- Communication interface: PS2, USB or RS232 are all available.

### ENVIRONMENTAL ADAPTABILITY

- Operating temperature: -20°C to +60°C
- Storage temperature: -30°C to +70°C
- Operating RH: 30-90%
- Atmospheric pressure: 60-106Kpa.

### RELIABILITY

- **RoHS Compliant, CE and FCC, ESD**
- **Protection Level: IP65(front panel)**
- **Vandal resistant IK10**
- Key Lifespan >5 million actuations





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- MTBF >50000H
- MTTR <30min

