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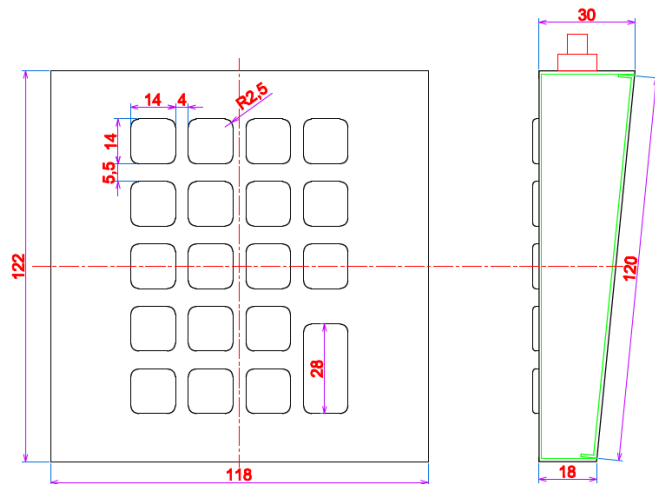E-mail:info@key-tek.cn,sales01@key-tek.cn
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MODEL NO.:　　K-TEK-A118KP-DT-DWP

DESCRIPTION:　19 keys compact format IP67 dynamic vandal proof Stainless Steel industrial numeric keypad with industrial PCB electronics controller shieded & protected by stainless steel housing, 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, movable and stand alone desk top. Which is good for outdoorapplication with direct rain and very harsh environments with humidity, much dynamicwater, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

DIMENSIONS:　118.0mm x 122.0mm x 18.0(30.0)mm

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.
- 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.
- With firm tactile key feel, carbon-on-gold key switches with full long stroke 2.0mm, 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: All windows, Linux, Unix, Mac OSX**

COMMUNICATION PARAMETER

- USB, PS2 or RS232 interface are available.
- 19 actuator on the keypad: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, Numeric Lock , +, -, *, / , . , Enter etc. Any keys can be re-defined per customers' requirements.

MECHANICAL DATA

- Switch Contact Material: Carbon-on-Gold key switch technology with gold finish PCB.
- 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)
- Key Travel: 2.0 mm
- Lettering: laser engraving, or raised letters.
- Front panel: brushed stainless steel
- Actuator/keys materials: stainless steel
- Dimensions: 118.0mm x 122.0mm x 18.0(30.0)mm
- G.W. 1.0KGs

ELECTRICAL DATA

- Power supply voltage: 5V DC.
- Power Consumption: Under 300mW for operation, under 200mW for non-operation
- Electrical lifetime: > 5 years
- EMC Standard: It is compliance with the council IEC 61000-4-2:2008；IEC 61000-4-3:2006+AI:2007+A2:2010；IEC 61000-4-4:2004
- EMI: EN 55022: 2010
- EMS: EN 55024:2010
- 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 IK09
- Key Lifespan >10 million actuations
- MTBF >50,000H
- MTTR <30min