



# 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

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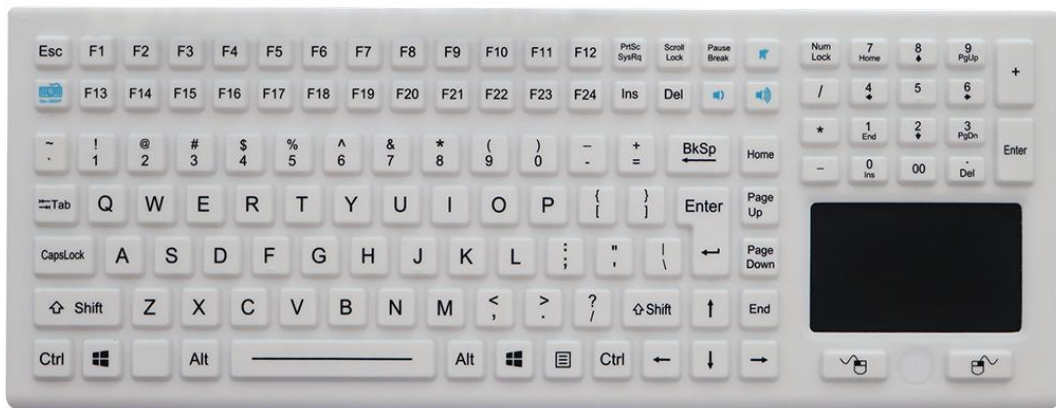
E-mail: info@key-tek.cn, sales01@key-tek.cn

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

**MODEL NO:** K-TEK-M369TP-KP-FN-DT

**DESCRIPTION:** 124 keys IP68 dynamic sealed & ruggedized industrial silicone rubber contamination-proof keyboard with full keyboard functionalities with FN (F1, F2...F23, F24) on upper line, integrated numeric keypad, sealed & ruggedized tough touchpad for fast and accurate cursor position, with carbon-on-gold key switch technology with key stroke (1.40mm) with extremely good tactile feeling for fast and accurate data input without any noise, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, this washable keyboard is an ideal solution to withstand to most chemicals and liquids under harsh environment, standard alone desk top version. With special button for power-off or power-on the entire keyboard without needing to take out the USB cable from PC USB port, which avoid to be with mis-operation during cleaning the keyboards.

**DIMENSIONS:** 369.0mm x 135.0mm x 11.0mm (L x W x H)





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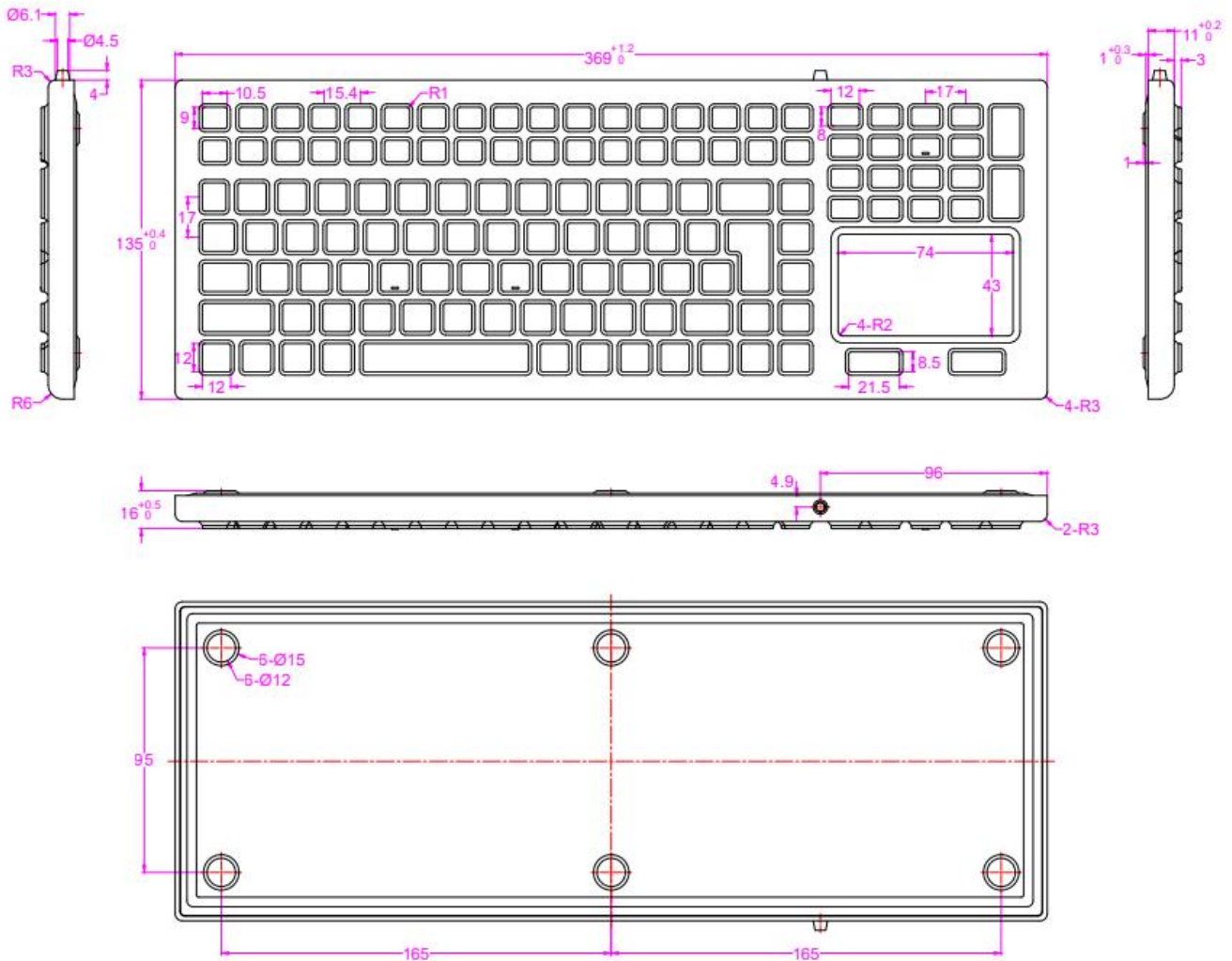
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### APPLICATIONS:

This keyboard provides full-size versatility in a rugged, compact design with the added convenience of an integrated numeric keypad. Its numeric pad allows for easy data entry.

**MEDICAL:** lab, hospital, clinic, dental, such as carts, diagnostic equipments, operation rooms, dialysis centers etc;

**MATERIAL HANDLING:** mobile keyboard, data entry, assembly line etc

**INDUSTRIAL:** Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses

**MILITARY:** Vehicle, aerospace, naval, defense, maritime, radar, console, portable, rugged laptop, UAV ground station etc.

**OTHER INDUSTRIES**





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### MAIN FEATURE:

- Keyboard provides full-size versatility in a rugged, compact design, rugged construction for reliable functionality
- The keyboard lacks the crevices found between the keys of a regular keyboard, which is protected against dust, dirt, grease and corrosive liquids, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.
- Integrated touchpad.
- Integrated numeric keypad.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- PS/2, USB connection cables that plug directly into computer like keyboard operations.
- Enclosure: industrial silicone.
- Low-profile keys for easy cleaning

<b>MECHANICAL DATA</b>	
Key	124 keys (including 2 mouse buttons)
Key top style	Protuberant rectangular keys with tactile feeling.
Key Size	12.0mm X 12.0mm for normal keys
Key travel	1.40mm
Actuation Force	1.2N±0.2N (pressure point )
Switch life	more than 5 million of operations.
Touch pad	1.3mm thick PCB, containing polyester film
Touchpad cover	Composite
More than Lifetime 10 million strokes	
Mutual capacitance sensing	
X/Y axis location detection resolution	40 Counts /mm
X/Y position report	relative
Output (self-detectable depending on cable)	PS2 or USB
Tracking speed	Maximum 1,016 m/sec
Power supply voltage	5V ± 0.25V
Current rating (active mode)	< 10 mA
G.W.	0.80KGs
<b>ELECTRICAL DATA</b>	
Supply Voltage	DC +5V±5%
Current Rating	50mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Switch Contact Material	Carbon-on-Gold key switch technology with gold PCB
Interface	PS2, USB available
Cable length	Standard 2.0m, customized length available.





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OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).
<b>ENVIRONMENTAL ADAPTABILITY</b>	
Operating temperature	-20°C to +65°C
Storage temperature	-30°C to +75°C
Saline mist	96h, IEC60512-6
Damp heat test at +40°C	21 days, IEC 60512-6
Dry heat test at +85°C	10 days, IEC 60512-6
Humidity	100%
Atmospheric pressure	60-106Kpa
<b>RELIABILITY</b>	
RoHS compliant, CE and FCC certified	
Protection Level	IP68
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	<p>MEDICAL: lab, hospital, clinic, dental, such as carts, diagnostic equipment, operation rooms, dialysis centers etc.;</p> <p>MATERIAL HANDLING: mobile keyboard, data entry, assembly line etc.</p> <p>INDUSTRIAL: Industrial automation, pharmaceutical, oil and gas, food and beverage, clean or dirty manufacturing environments, warehouses</p> <p>MILITARY: Vehicle, aerospace, naval, defense, maritime, radar, console, portable, rugged laptop, UAV ground station etc.</p>

