



KEY TECHNOLOGY (CHINA) LIMITED



深圳市键特电子有限公司

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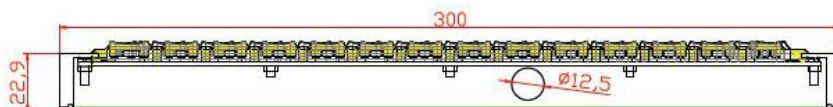
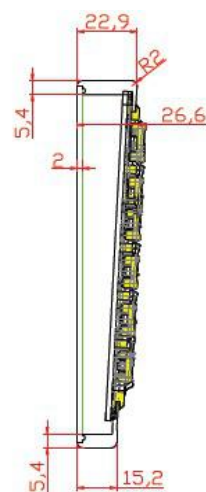
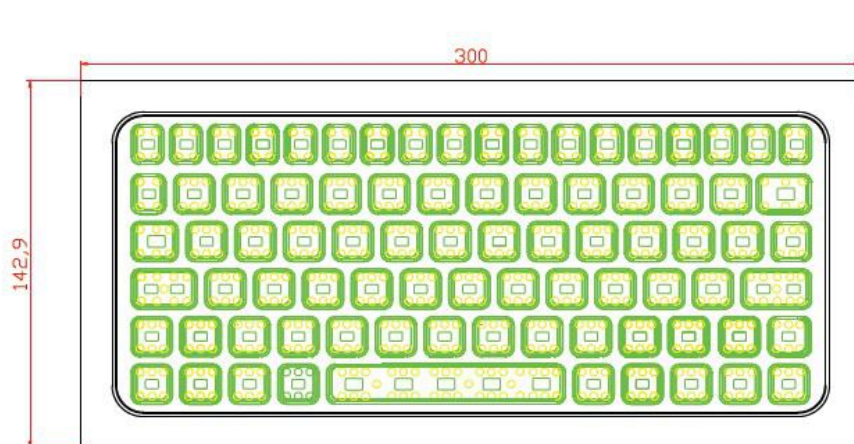
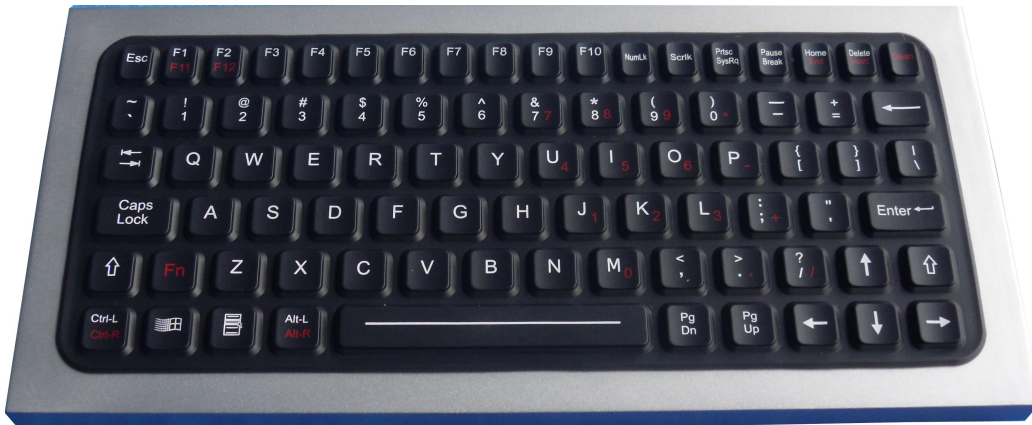
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Website: www.key-tek.cn, www.ikb-mkb.com

Model NO: K-TEK-M270-FN-DT-IL

DIMENSIONS : 300.00mm x 142.90mm x (15.20mm-22.90mm) (L x W x H)

DESCRIPTION: 83 keys IP68 dynamic sealed & ruggedized industrial silicone rubber Industrial keyboard, 12 function keys and industrial PCB with carbon-on-gold key switch technology with long stroke (1.50mm) 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, Clean key for easy cleaning via lock/disable whole keyboard without needing to take keyboard from PC, stand alone desk top version with sealed aluminum metal housing with sand blasting & oxygenation surface treatment, adjustable industrial backlight optional. Military level optional.





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APPLICATIONS:

This rugged & compact keyboards are for working in low-light areas, it is also available with optional LED backlighting. Engineered for NEMA 4X protection from dust, water and corrosive liquids. This keyboard is ideal for use in environments ranging from manufacturing to material handling to medical settings.

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

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

MILITARY: Army, Navy, Air force

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

OTHER INDUSTRIES

MAIN FEATURE:

Keyboard with NVIS-compliant red adjustable backlighting optional, while NVIS backlighting makes this keyboard ideal for aviation or vehicle applications where night vision goggles are necessary.

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 to NEMA 4X, which means it can withstand directed hose water, disinfectants, environmental contaminants and heavy industrial use.

Special durable-coating for excellent mechanical and chemical resistance

Clean key

-Prevents data from being sent while the keyboard is wiped down, allowing user to clean at any interval with minimal downtime

-User is notified of 'lock down mode' by brightly lit CLEAN KEY

With firm tactile key feel, key travel 1.5mm key travel.

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, sealed Aluminum housing

MECHANICAL DATA

Key: 83 keys

Key top style: Protuberant rectangular keys with tactile feeling.

Key Size: 12.0mm X 13.0mm for normal keys, 22.5mm x 13.0mm for enter key and 82.0mm x 12.5mm for space bar key.

Switch life: more than 10 million of operations.

Cable Length: 2.5m

G.W.: 1.20KGs

Dimensions: 300.00mm x 142.90mm x (22.90mm-15.20mm) (L x W x H)

ELECTRICAL DATA

Supply Voltage: +5V DC +/-5%





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Current Rating: 20mA (non-backlight) , 120mA (with backlight on)

EMC Standard: IEC61000-4-2:2008; IEC61000-4-3:2006+A1:2007+A2:2010; IEC 61000-4-4:2004

EMI: EN55022: 2010

EMS: EN55024: 2010

Lifespan > 3 years

Switch Contact Material: Carbon-on-Gold key switch technology with gold PCB.

Interface: PS2, USB available.

OS: All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).

ENVIRONMENTAL ADAPTABILITY

Operating temperature: -20oC to +60oC

Storage temperature: :-30oC to +70oC

Humidity: 100%

Atmospheric pressure: 60-106Kpa

Shock: 3x11 ms pulses of 50g on each of 3 axes

Vibration: POWER SPECTRAL DENSITY: 0.04g/Hz, FREQUENCY RANGE: 20Hz - 2kHz, DURATION OF TEST PER AXIS: 3 hours

Flammability

PRINTED CIRCUIT BOARD: 94 VOSILICONE OVERLAY: 94 HBINTERFACE CABLE: 94 V

RELIABILITY

RoHS , CE, FCC, ESD

Protection Level: IP68, NEMA 6P

Key Lifespan >10 million actuations

MTBF >50000H

MTTR <30min

