



KEY TECHNOLOGY (CHINA) LIMITED

深圳市键特电子有限公司

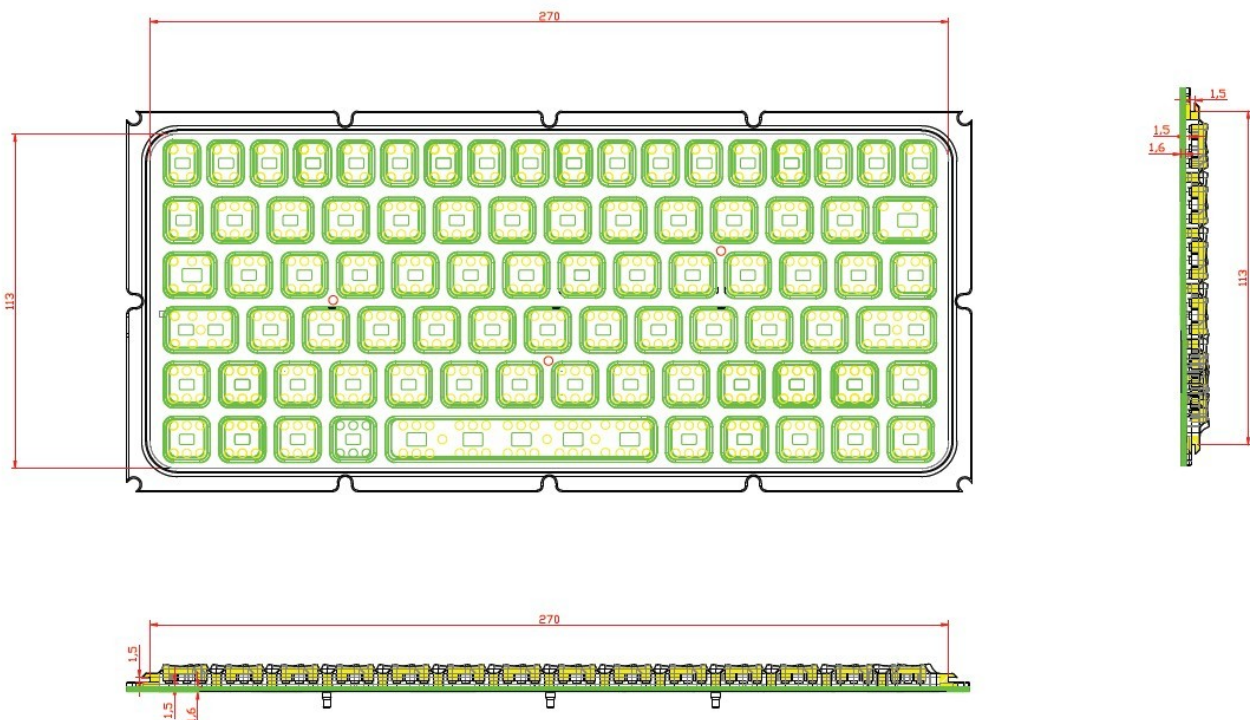
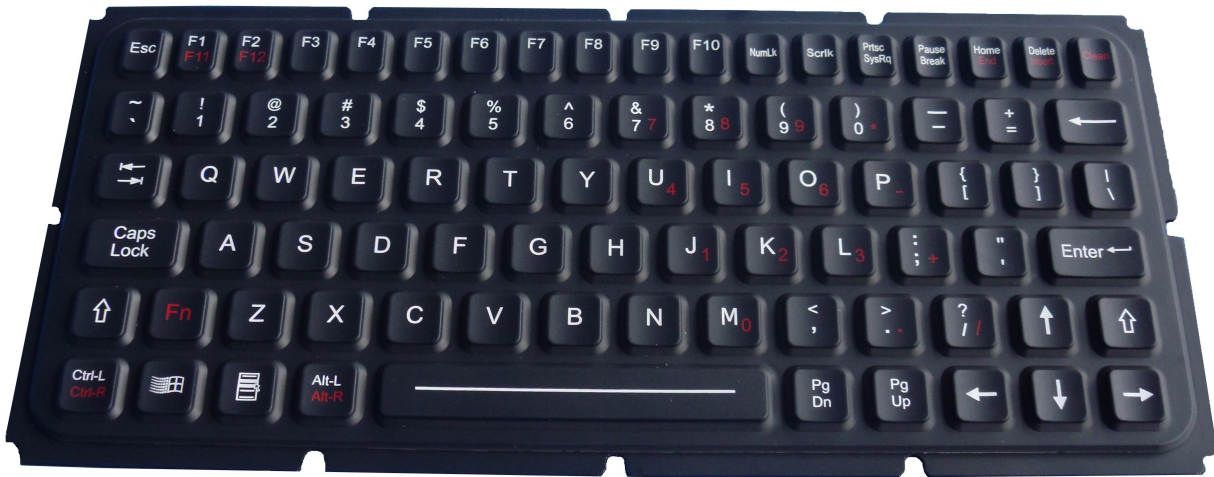


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Model NO: K-TEK-M270-FN-OEM

DIMENSIONS : 270.0mm x 113.0mm(L x W)

DESCRIPTION: IP65 rated ruggedized industrial silicone rubber keyboard with 83 keys, 12 function keys and carbon-on-gold key switch technology with stroke 1.50mm, tactile feedback, with durable coating & antimicrobial keyboard surface withstand to most chemicals and liquids under harsh environment, **Clean** key for easy cleaning, front panel mounting solution, adjustable industrial backlight optional. **Military level optional**





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APPLICATIONS:

This rugged, compact design 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

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





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82.0mm x 12.5mm for space bar key.
Switch life: more than 10 million of operations.
Cable Length: 2.5m
G.W.: 0.60KGs
Dimensions: 270.0mm x 113.0mm(L x W)

ELECTRICAL DATA

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

Current Rating: 20mA (non-backlight), 140mA (with backlight on)

EMC Standard: It is compliance with the council EMC directive 89/336/EEC EN55022:
1988+A1:2000+A2:2003 EN55024: 1988+A1: 2001+A2:2003

Emission: EN 50081-1

Immunity: EN 50082-1

Lifespan > 3 years

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

Interface: PS2, USB available.

OS: DOS/Windows95/98/NT/ME/2000/2003/XP/Vista/Win7, Linux, Unix, Mac OSX

ENVIRONMENTAL ADAPTABILITY

Operating temperature: -20°C to +60°C

Storage temperature: -30°C to +70°C

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 V0 SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 V

RELIABILITY

RoHS, CE, FCC, ESD

Protection Level: IP65, NEMA 6P

Key Lifespan > 10 million actuations

MTBF > 50000H

MTTR < 30min

