

RK80M

Rugged Keyboard



FENGYU





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Main Features

- Rugged industrial design, with Touchpad, IP65 graded
- 79 mini-scissor keys, good tactile feeling, being protected by industrial grade silicon membrane
- Support RGB backlight effect mode
- Using industrial grade silicon rubber key design with tactile key feeling
- Housings are made of tough Industrial grade materials
- Legend are done by laser etching over painting surface, protected by silicon coating on top
- FCC, CE, ESD and RFI certified
- USB interface or Bluetooth interface (together with USB charging Lithium battery)
- Bluetooth version comes with stainless steel bracket and handle

Technical Data

[Electronics]

USB Interface

Power supply: +5V/DC

Current input: <100mA

Bluetooth Interface

BLE Device

Data Rate: 1Mbps

Frequency range: 2402 - 2480 MHz

Tx power: 0 dBm

Rx sensitivity: -96 dBm typ

Antenna: PCB Antenna

Lithium battery: 1000mAH

[Touchpad]

Active Sensing Area: 77mmx 39mm

Position Detection Method: Mutual capacitance sensing

X/Y Position Sensing Resolution: Up to 12 counts / mm

Tracking Speed: Up to 1,016 mm / sec

Lifetime (Plastic Overlay): Minimum 10,000,000 strokes (500 km)

Sample Rate: Up to 125 samples / sec

[Mechanical]

Total travel: 1.2 ± 0.2 mm

Peak load before make: 60 ± 20 g

Life Cycle: 5 million keystrokes

[Others]

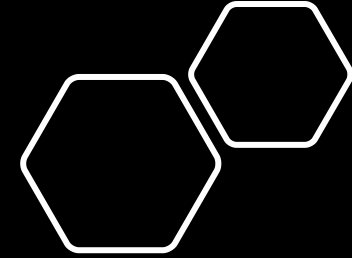
Storage temperature: -55°C to +85°C

Operating temperature: -20°C to +70°C

Operating humidity: 40% to 90%

Housing Material: PC + PBT

Dimensions: 271 x 177 x 17.5 mm



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