

BLTXR

Rugged Keyboard



FENGYU



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Main Features

Rugged industrial design, with Touchpad, IP65 graded

83 keys keyboard with Touchpad

With red backlit

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 / 2.4GHz Multi-Protocol Device

Supports S110/120/130 Bluetooth Low Energy Protocol Stack

3 Data Rates (2Mbps/1Mbps/250Kbps)

Frequency range: 2400 – 2483.5 MHz

Tx power: +4 to -20 dBm

Rx sensitivity: -93 dBm typ

Antenna: PCB Antenna

[Touchpad]

Active Sensing Area: 61.80 x 45.8 mm

Position Detection Method: Mutual capacitance sensing

X/Y Position Sensing Resolution: Up to 40 counts / mm

Tracking Speed: Up to 1,016 mm / sec

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

Sample Rate: Up to 300 samples / sec

[Mechanical]

Total travel: 4 - 0.5mm

Peak load before make: 65 ± 20cN

Life Cycle: 10 million keystrokes

[Others]

Storage temperature: -40°C to +80°C

Operating temperature: 0°C to +50°C

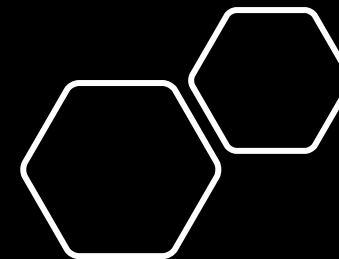
Operating humidity: 20% to 90%

Housing Material: PC + PBT

[Dimensions]

USB: 304.3 x 196.3 x 32.7, mm

Bluetooth: 309.4 x 205.3 x 59.2, mm (includes the bracket and handle)



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