

K104I-F



HENGYU



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Main Features

- Professional Keyboard with built-in fingerprint sensor
- Powered by Next Biometric sensor with active thermal sensing
- Low profile key design with tactile feeling
- Full 104/105 key design, support US and EU layout
- Support firmware upgrade
- Fingerprint sensor supports Windows HELLO interface
- Durable legends printed with UV coating
- Sealed membrane to increase the membrane circuit life

Fingerprint sensor Spec

Sensor technology: NEXT Active Thermal sensing (patented)

Active Sensing Area: 11.9 x 16.9 mm

Pixels: 180 x 256

Resolution: 385 ppi (pixel size 66 μm * 66 μm)

Gray Scale Levels: 256

Image Scan Time: 0.53s

ESD Protection: ± 8 kV contact discharge , ± 15 kV air discharge

Mechanical Durability: 2 million touches @ 2.45N

Scratch Resistance: durable lifetime coating

Technical Data

[Electronics]

Power supply: +5V/DC +/-10%

Current input: <100mA

Interface: USB-A

LED indicators: Cap / Num / Scroll

[Mechanical]

Number of keys:

- 104: US ANSI layout

- 105: European ISO layout

Individual key life cycle: 10 million key strokes

Key switch technology: rubber dome over sealed membrane

Key actuation force: 65g +/- 10g

Key travel: 3 +/- 0.5mm

[Others]

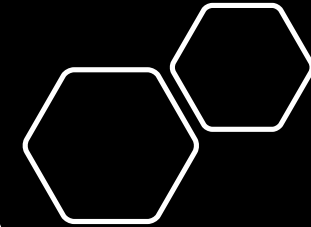
Storage temperature: -40°C to +55°C

Operating temperature: 0°C to +45°C

Operating humidity: 40% to 90%

Dimensions: 282 x 131 x 25 mm

Certificate / Compliance: FCC, CE / RoHS



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