

K104I-MF



HENGYU



K104I-MF

Main Features

Professional Keyboard with built-in fingerprint sensor, magstripe reader

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

MagStripe Reader Features

MagStripe header, tailer, track sequence, encoding are programmable
Comply with ISO 7812, IBM standards, AAMVA, JIS-2
Support multi-country code settings

Support programmable MSR setting for the header, tailer, separator, suffix and prefix, track sequence

Track 1: 210BPI with max 76 characters

Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters

Track 3: 210BPI with max 107 characters

Card swipe speed: 10 to 100 cm/s; Speed:3-125 ips at 75 BPI; 3-50 ips at 210 BPI

500,000 swipe cycles

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 μ m * 66 μ m)

Gray Scale Levels: 256

Image Scan Time: 0.53s

ESD Protection: \pm 8 kV contact discharge , \pm 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 / Power

[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

Card swipe speed: 10 to 100 cm/s; Speed:3-125 ips at 75 BPI; 3-50 ips at 210 BPI

Magnetic head life: 500,000 swipe cycles

[Others]

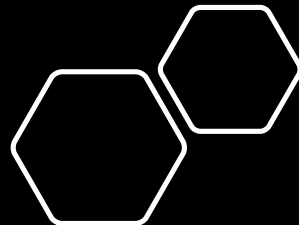
Storage temperature: -40°C to +55°C

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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