

# K104M

Professional Keyboard

# HENGYU



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## Key Features

Standard 104/105 full size keyboard layout, with built-in magstripe reader

All keys are made from Cherry MX key switches, good tactile feelings

Magstripe reader settings are programmable by Matrix Maker

With internal strong metal plate to enhance the protection against ESD is increased

Key legends: Laser-engraved or high quality silk screen printed with UV coating, durable screen printed keycap symbols

Available in USB and PS/2 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

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## Technical Data

### [Electronics]

Power supply

PS/2: +5V/DC  $\pm 10\%$

USB: +5V/DC  $\pm 5\%$

Current input

PS/2: <100mA

USB: <100mA

### [Mechanical]

Total travel: 4 – 0.4mm

Pre-travel:  $2 \pm 0.6$ mm

Peak load before make:  $60 \pm 20$ cN

Individual key life cycle: 50 million key strokes

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

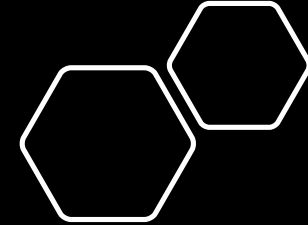
Operating temperature: 0°C to +40°C

Operating humidity: 40% to 90%

Dimensions:

Gift box:

Certificates: FCC/CE



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