K104I-S

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Main Features

Professional Keyboard with built-in smart card reader
Low profile key design with tactile feeling
Full 104/105 key design, support US and EU layout
Support firmware upgrade
Durable legends printed with UV coating
Sealed membrane to increase the membrane circuit life

Smart Card Reader Spec

Access to all ISO-7816 and EMV CPU cards (T=0, T-1) through PC/SC drivers

Communication Speed with the smart card: up to 826Kbps (when supported by the SC)

Synchronous cards through a comprehensive API

5V/55mA, 3V/50mA, 1.8V/20mA smart card power supply

Full ISO7816 and EMV2000 compliances

Use high quality landing contact type smart card connector

Short circuit protection

Card removal detection when powered on

ESD protection on card Ios: 8KV contact

Drivers support: PC/SC, CT/API, CCID, Synchronous API

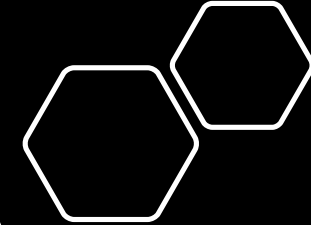# Technical Data

[Electronics]

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

Current input: <100mA

Interface: USB2.0 (USB-A), Full Speed

LED indicators: Cap / Num / Scroll / IC Card

[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

Smart Card Connector Life: 500,000 insertions

[Others]

Storage temperature: -40˚C to +55˚C

Operating temperature: 0˚C to +45˚C

Operating humidity: 40% to 90%

Dimensions: 472 x 183 x 47.5 mm

Certificate/ Compliance: FCC, CE / RoHS

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