

Robust PC-Keyboard with Integrated Magnetic Stripe Reader and Smart Card Reader

AK-882 Series



- 104/105 Key Keyboard with Mechanical MX Gold Cross Point Key Switches
- Integrated 3-Track Magnetic Stripe Reader with 500.000 Swipe Cycles
- High Performance Smart Card Reader (Branded Chipset / OEM Version)
- PC/SC and CCID compatible
- One USB Interface for Keyboard, Magnetic Stripe Reader and Smart Card Reader

Features and Benefits

The AK-882 keyboard series stands out for its high quality and high reliability.

It is designed for security, healthcare, financial and POS/POT applications.

The keys are made of mechanical MX key switches with gold cross point contact technology, and are enclosed by a metal frame for highest endurance and life time, rated > 50 million actuations per key.

The data transmission from the magnetic stripe reader is processed through key stroke emulation (USB HID Keyboard codes) for easy integration with existing software.

The EMV compliant high performance smart card reader supports common card interfaces including CCID and PC/SC protocols.

Technical Data

Keyboard	
Compatibility	All Operating Systems supporting Standard USB Keyboard
Temperature Range	Storage -20° to + 60° C, Operation 0° to + 50° C
Supply Voltage	5V +5%/-10% through USB Interface (USB Full Power)
Dimensions, Weight	Appr. 470mm x 190mm x 47mm, 1,5kg
Key travel	Appr. 4 mm +/- 0.5 mm,
Interface	USB 1.1 Full Speed (12Mbps)
Magnetic Stripe Reader	
Reliability	Appr. 500.000 Swipes
Compatibility	ISO 7812
Smart Card Reader	
Reliability	Appr. 200.000 Insertions
Protocols	ISO 7816-1/2/3/4, T=0 & T=1
Compatibility	PC/SC, CCID, EMV
Agency Approvals	CE FCC

Part#: AK-882-U123-y/xx

Identifier y = Color

B = Black
L = Light grey

Identifier xx = Country Version

GE = German US = US English
Other Country Versions upon Request

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Technical data is subject to change without notice.
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