

MS246

Magnetic Stripe Reader



Full Functionality & Compact Size

The MS246 intelligent magstripe reader delivers exceptional performance in a compact housing. It can read up to 3 tracks of magnetic stripe card data regardless of swiping direction or speed. The MS246 is ideal for POS, Security, Loyalty and other applications.

Easy To Use & Install

The uniquely designed flat housing allows for mounting in different orientations by using threaded inserts or Velcro. The 6-foot cable exits through the side, increasing flexibility in mounting options. The MS246 provides easy USB connectivity and OPOS driver support.

Many Programmable Features

The MS246 is a fully programmable reader and output format can be customized with its own user friendly Windows-based MSR Reader Configuration Manager. For example, after reading and validating card data, the unit can be programmed to parse the data, insert control characters, and add prefix/suffix characters while maintaining data integrity through vertical and longitudinal error checking.

Features

- USB-KB or USB-HID Interface
- User Friendly Configuration Software
 - Reads up to 3 tracks of information
 - Reliable for a minimum of 1,000,000 passes
- Signifies successful reads with a beeper and tri-color LED indicator
 - Can be used free standing or mounted
- Threaded inserts for easy and flexible mounting
 - 2 year warranty from date of invoice
 - OPOS driver is available

Electrical

Magnetic TTL	Power +5 VDC +/-10% (50mV ripple maximum). Ground 0VDC (GND). Chassis ground connected to GND and magnetic head case.
Operating Current	1mA per track maximum when reading a card, About 70mA for decoded magnetic stripe

Environmental

Operating Temperature	32°F to 131°F (0°C to 55°C)
Storage Temperature	-22°F to 158°F (-30°C to 70°C)
Humidity	Maximum 95% non-condensing

Reliability

Magnetic Head Life	1,000,000 passes minimum
Rail and Cover Life	1,000,000 passes minimum
Conformance	ISO 7811 1-6
Warranty	2 years, parts and labor

Mechanical

Magnetic Stripe Formats	ISO 7811 and AAMVA
Swipe Speed	5 to 50 inches per second, bi-directional
Card Thickness	.015 to .045 inches.
Slot Width	.050 inches (1.37mm)
Indicators	Tri-colored LED, beeper
Interfaces	USB-KB, USB-HID
Dimensions	Length: 3.94 inches (100mm) Width: 1.38 inches (35mm) Height: 1.18 inches (30mm)
Weight	Approximately 7 oz
Cable Length	6-foot side exit cable

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