

# 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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