

EasyMag™

Intelligent Swipe Reader for Magnetic Stripes

Full Functionality & High Performance

The EasyMag Intelligent Reader delivers exceptional performance in an intelligently designed housing. It can read up to 3 tracks of magnetic stripe cards data regardless of swiping direction, increasing usability. EasyMag's standard length slot provides the user with maximum stability during the reading process. It is ideal for POS, Security, Loyalty and other applications.

Easy to Use & Install

With the uniquely designed flat surface allows for mounting in different orientations by using threaded inserts or Velcro. The cable can exit through the side or end, increasing flexibility in mounting options.

Many Interfaces to Meet Your Needs

EasyMag is an intelligent swipe reader with five communication interfaces: keyboard (PS/2) wedge, USB Keyboard, USB-HID, RS232, and USB-CDC serial interfaces. JPOS & OPOS drivers are also available for applications that require the architecture.

Highly Programmable

The EasyMag is a highly programmable reader. Reader output format can be customized with the user friendly Windows based MagSwipe Configuration Utility. After reading & validating card data, the unit can parse the data, insert control characters, and add prefix/suffix characters while maintaining data integrity through vertical and longitudinal error checking. For interfaces that require it, the reader has language options available to ensure that the correct data is sent to the terminal.

Features & Benefits:

- Features interfaces including RS232, Keyboard wedge, USB-CDC, USB-KB, USB-HID
- User Friendly Configuration Software which is capable of editing and formatting data such as dividing, rearranging, and editing fields of magnetic card data with just a click of a button.
- Reliable for a minimum of 1,000,000 passes
- Can be used free standing or mounted through threaded inserts
- More than 5 inches reading slot makes it easy to swipe a card and get a good read
- Support USB 2.0 full speed



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IDEA-33XXXX EasyMag Intelligent Swipe Reader Specifications

Electrical

Power: + 5 VDC +/-10% Chassis ground is connected to power supply common and magnetic head case.
 Operating Current: 40mA typical for a three tracks configured readers
 Power Module: A separate power module (5 VDC @ 350mA) is available for the RS-232 version only

Environmental

Operating Temperature: 32F° 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
 ESD Immunity: Withstands 4KV contact & 8KV air discharge without damage

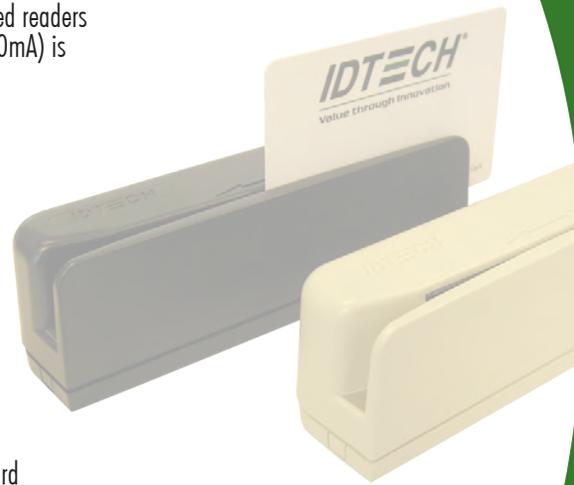
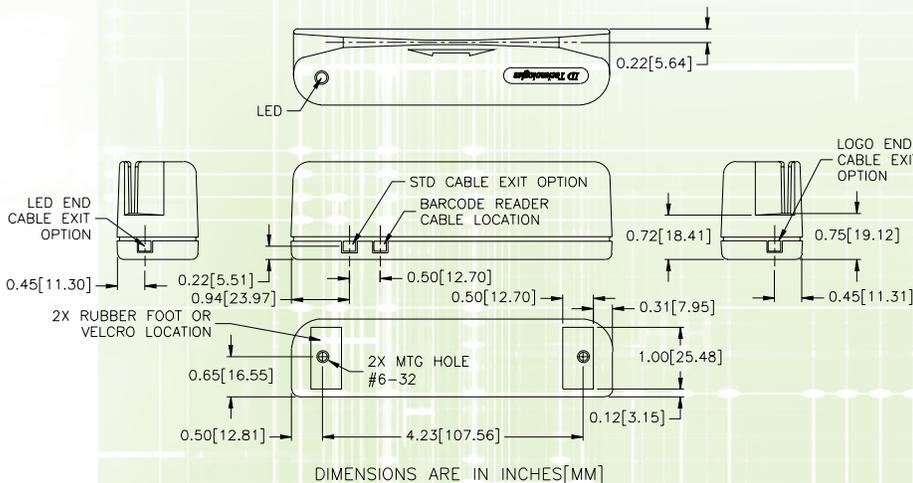
Reliability

Magnetic Head Life: 1,000,000 passes minimum¹
 Rail and Cover Life: 1,000,000 passes minimum¹
 Read Reliability: Less than one error in 500K bits²
 Electronic MTBF: 300,000 POH based on Bellcore Standard
 Warranty: One year, parts and labor

Mechanical

MagStripe Formats: ISO 7811, AAMVA, and CA DMV
 Swipe Speed: 3 to 65 inches per second, bi-directional
 Card Thickness: .015 to .045 inches (0.38 to 1.14mm)
 Interfaces: RS-232, Keyboard wedge, USB-keyboard, USB-HID, & USB-CDC
 Dimensions: L: 5.14in (130.6mm), W: 1.25in (32mm), H: 1.6in (41mm)
 Weight: Approximately 8 oz. (with cable)
 Cable Length: 6-foot straight cable
 Connectors: Keyboard wedge: 6-pin mini-DIN connectors
 RS-232: DB9F and 0.21" center positive power jack
 USB: USB-A
 Mounting Options: Rubber feet; Velcro pads; or two each, 0.3in deep, blind mounting holes for self-threading #6 screws

Footprint:



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