

# 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.

### Many Programmable Features

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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# EASYMAG

# EasyMag Specifications IDEA-33XXXX

## Electrical

**Power Requirements:** +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

**Interfaces:** RS-232, Keyboard wedge, USB-keyboard, USB-HID, & USB-CDC

## 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) non-condensing

**Humidity:** Maximum 95% non-condensing

**ESD Immunity:** Withstands 4KV contact & 8KV air discharge without damage

## Reliability

**Operating Life:** 1,000,000 passes minimum<sup>1</sup>

**Read Reliability:** Less than one error in 500K bits<sup>2</sup>

**Electronic MTBF:** 300,000 POH based on Bellcore Standard

**Warranty:** One year, parts and labor



## Mechanical

**Media 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)

**Dimensions(L)x(W)x(H):** 5.14 inches(130.6mm) x 1.25 inches(32mm) x 1.6 inches(41mm)

**Weight:** Approximately 8 oz. (with cable)

**Cable Length:** 6-foot straight cable

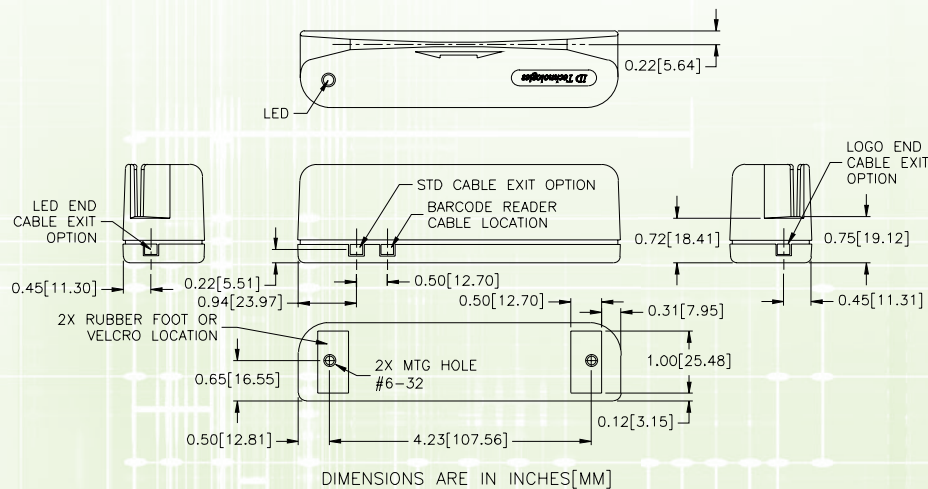
**Cable Connector:** Keyboard wedge: 6-pin mini-DIN connectors  
RS-232: DB9F and 0.21" center positive power jack; USB: USB-A  
Rubber feet; Velcro pads; or two each, 0.3in deep, blind mounting holes for self-threading #6 screws

## Mounting Options:

<sup>1</sup> For operation in a benign environment

<sup>2</sup> On cards conforming to ISO 7811 1-6 with no errors induced by operator

## Footprint:



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