MiniMag™

Compact Intelligent Magstripe Swipe Reader

Full Functionality & Compact Size

The MiniMag Intelligent Reader delivers exceptional performance in an intelligently designed housing. It can read up to 3 tracks of magnetic stripe card data regardless of swiping directioin or speed that increases usability. MiniMag's compact footprint is ideal for POS, Security, Loyalty and other applications where space is limited.

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 bottom, increasing flexibility in mounting options.

Multiple Interfaces to Meet Your Needs

MiniMag is an intelligent swipe reader with 6 communication interfaces: keyboard (PS/2) wedge, USB Keyboard, USB-HID, RS232, RS232 port power, and USB-CDC serial interfaces. JPOS & OPOS drivers are also available.
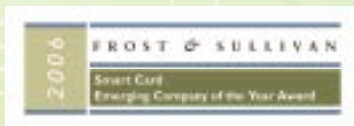
Many Programmable Features

The MiniMag is a fully programmable reader. Reader output format can be customized with its own user friendly Windows based MagSwipe Configuration Utility. For example, after reading & 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. For interfaces that require it, the reader has language options available to ensure that the correct data is sent to the terminal.

Features & Benefits:

- Interfaces: KB, RS232, USB-KB, USB-CDC, USB-HID and RS232 PortPower
- 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.
- Discriminates card data formats between AAMVA and CA DMV
- 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 so it can work with many applications
- Threaded inserts for easy and flexible mounting
- 2 Year warranty from date of invoice

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IDMB-33XXXX MiniMag Specifications

Electrical

Magnetic TTL: Power +5 VDC +/-10% (50mV ripple maximum). Ground 0 VDC (GND). Chassis ground connected to GND and magnetic head case.

Operating Current: 1mA per track maximum when reading a card, Keyboard. About 40mA for decoded magnetic stripe, USB/Keyboard and RS-232. About 70mA for decoded magnetic stripe, USB-HID and USB-CDC. 5.5mA typical with LED (<8mA at peak usage) for port-powered model.

External Power Supply: 5 VDC/350mA (required for RS-232 version only). Port-powered option requires no power supply.

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: Two years, parts and labor.

Mechanical

Magnetic Stripe Formats: ISO 7811, AAMVA, and CA DMV.

Swipe Speed: 3 to 60 inches per second, bi-directional. (5 to 50 inches per second for port-powered model.)

Card Thickness: .015 to .045 inches.

Slot Width: .050 inches (1.37mm).

Indicators: Tri-colored LED, beeper (not available on port-powered model).

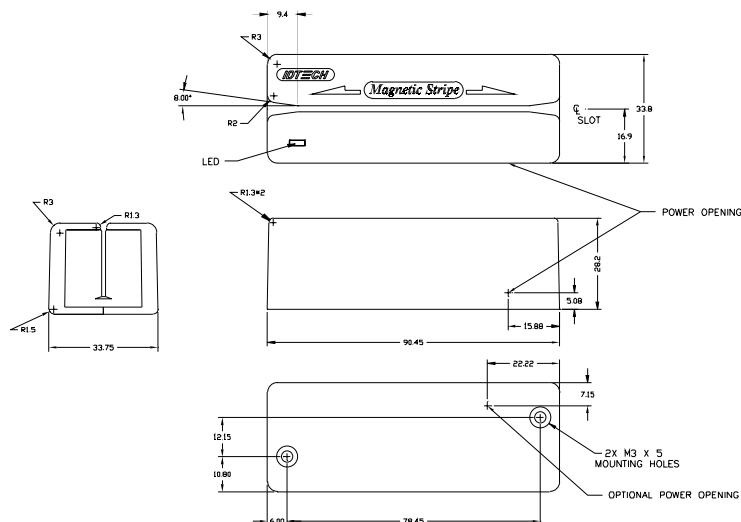**Interfaces:** RS-232, Keyboard (PS/2), USB/KB, USB/HID, USB/CDC RS-232 Port-Powered

Dimensions: Length: 3.54 inches (90mm). Width: 1.34 inches (34mm). Height: 1.10 inches (28mm).

Weight: Approximately 4.6 oz.

Cable Length: 6-foot side exit cable. (Bottom exit is an option; minimum quantities apply.)

Connectors: Keyboard: 6 pin mini-DIN. RS-232: DB9F.

Foot Print:

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