MINIMAG

Compact Intelligent Swipe Reader for Magnetic Stripes

A Versatile MagStripe Reader Design.

The MiniMag is an intelligent MagStripe swipe reader product; the design is based on decades of product design experience. This reader design provides a wide range of functionally and value in a convenient package size. It can be used as a free-standing unit, or permanently mounted using the threaded inserts or attach with Velcro. The cable exit can be through the side or bottom for convenient cable routing.

Windows Software - Output Formats.

The MiniMag is a fully intelligent swipe reader that reads and validates the track information. With the use of the MagSwipe Windows based Configuration Utility, the output format can be customized. This allows MagStripe data output to match the data input needs of an application. The MiniMag can be configured to parse data, insert control characters, and add prefix and suffix characters. MagStripe data integrity is always maintained. The keyboard versions have language options for further convenience to reader applications.

Small Size & Big Performance.

The MiniMag Intelligent Reader delivers extended functionality and great value in a small, convenient package. The reader is designed for desktop and mounted applications in POS, Security, Loyalty, and all applications needing a small MagStripe Reader. The MiniMag is 90mm long, about the length of a credit card. It reads up to three tracks of information and cards can be read in both directions. Both beeper and LED indicator can signal a successful read operation.

Popular Communications Interfaces.

The MiniMag has five popular communications interfaces from which to choose. There are two keyboard interfaces; one is a keyboard wedge the other is the USB Keyboard input. Both provide MagStripe data like it's coming from the keyboard. The RS232 and USB-CDC provide data through the PC COM ports. The USB-HID interface is full speed, 2.0 compliant. JPOS & OPOS drivers are available on the website. The HID & CDC Interfaces are fully supported. Getting MagStripe data has never been so easy.

* Beeper not available with port-powered model.

745 Spiral Blvd. Hastings, MN 55033 1.800.808.7472

IDMB-33XXXX MiniMag Intelligent Swipe Reader 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, TTL. (non-intelligent version) About 30mA for decoded magnetic stripe (three tracks), 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.

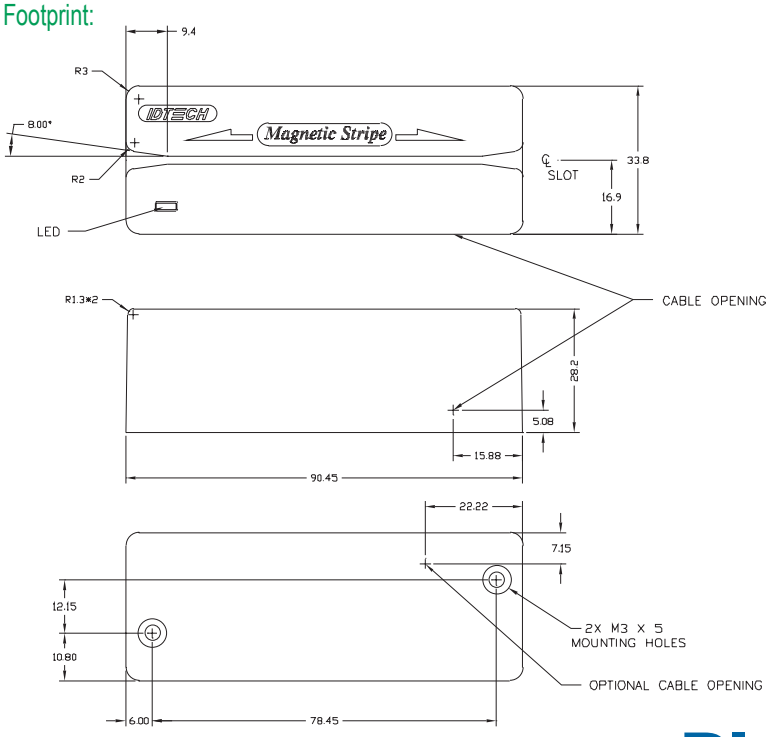
Reliability

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 (not available on TTL model), beeper (not available on port-powered model).
Interfaces:	RS-232, Keyboard wedge, USB/keyboard, USB/CDC, USB/HID, TTL (undecoded magnetics). Port-powered option is RS-232 only.
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. TTL: 9 pin squeeze. RS-232: DB9F.

MiniMag Swipe Reader Footprint:



USB
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