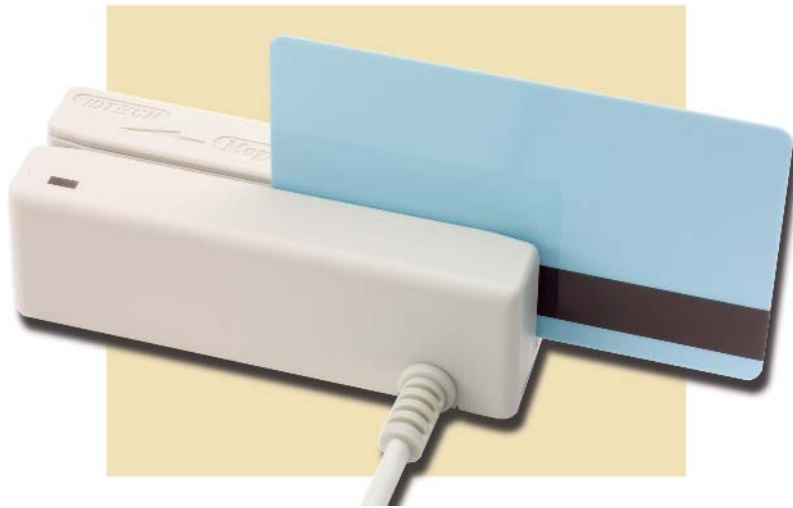


MINIMAG™

Compact Intelligent Swipe Reader

A New Generation of a Proven & Reliable Design

- Data Formatting & Content is More Versatile than Ever
- New PC Software Makes Output Data Programming Easy
- Warranty Period is a Full 2 Years from Date of Purchase



All the Features Expected in a MiniMag Reader

- Magnetic Stripe Reader for 1, 2, or 3 Track Operation
- Small 90mm Reader Footprint, Compact Size Overall
- Attractive Housing and Mounting with Threaded Inserts
- 1,000,000 Card Swipe Reliability for Head, Rail & Case
- Interfaces for PS/2-KB, USB-HID, USB-CDC, RS-232 & USB/KB
- Port Powered RS232 Version, No external Power Supply
- Tri-Color LED & Beeper Provide Visual and Audio Indications
- Discriminates AAMVA and CA-DMV Stripe Data Formats
- POS, Loyalty, Access Control, Security & Other Applications



IDTECH®
Value through Innovation

IDT 33XX 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.

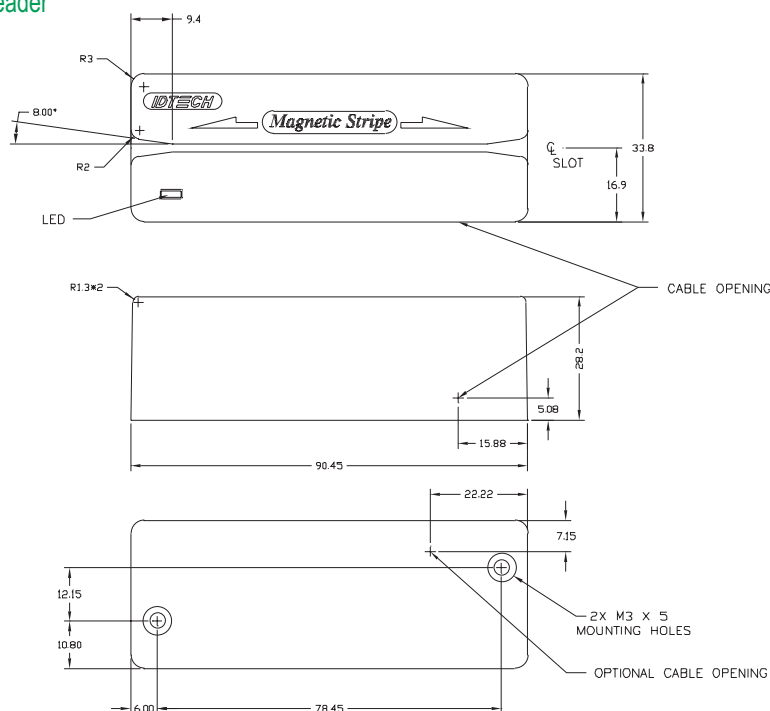
Reliability

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:	.01 to .045 inches.
Slot Width:	.050 inches (1.37mm).
Indicators:	Tri-colored LED, beeper (not available on port-powered model).
Interfaces:	RS-232, Keyboard wedge, USB/keyboard, USB/RS-232, 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:



IDTECH®

Value through Innovation

10721 Walker Street
Cypress, California 90630
(714) 761-6368 Fax: (714) 761-8880
Visit us at www.id-tech.net

ISO 9001-2000 Certified