

Insert Mag Card Reader

FEATURES

Major features of the Insert Reader are as follows:

- Powered through the USB – no external power supply required (current consumption of less than one USB Unit Load)
- Hardware Compatible with PC or any computer or terminal with a USB interface
- Mag-Stripe reading during insertion and/or removal of card – for reliable card reading
- Reads encoded data that meets ANSI/ISO/AAMVA standards and other custom formats such as ISO track 1 format on track 2 or 3
- Reads up to three tracks of card data
- Compatible with USB specification Revision 1.1
- Compatible with HID specification Version 1.1
- Can use standard Windows HID driver for communications; no third party device driver is required
- Programmable USB serial number descriptor
- Programmable USB Interrupt In Endpoint polling interval
- Programmable read direction. (insert, withdrawal or both)
- Non-volatile memory for configuration storage
- Optional 6-foot Black or Pearl White cable; the 3-track version uses standard USB mini Type B connector
- Isolated PCB – isolates electronics from debris and liquids
- AGC (Automatic Gain Control) in MagTek's latest read IC - enhances read performance with less susceptibility to RF interference
- Beam-mounted Read-heads – improves card tracking capabilities
- Ruggedized Chassis and Bezel Material - improves temperature and impact performance
- Open Chassis Design – provides superior debris clearing capability
- Half-card Drop Out – allows half-size credit cards and coins to be cleared from insert channel.



Insert Mag Card Reader : Spec

Reference Standards	ISO 7810 and ISO 7811 and AAMVA*
Power Input	5V from USB port
Recording Method	Two-frequency coherent phase (F2F)
Message Format	ASCII
Card Speed	3 to 60 ips (7.62 to 152.4 cm/s)
Magnetic Head Durability	500,000 insertion cycles

ELECTRICAL

Current	
Normal Mode (2-track)	15 mA
Normal Mode (3-track)	35 mA
Suspend Mode	Meets USB 2.0 specification for a Low-power Function

MECHANICAL

Dimensions	Without bezel	With Flat-faced Bezel
Length	4.4" (111.76 mm)	4.58" (116.33 mm)
Width	3.51" (89.15 mm)	4.00" (101.60 mm)
Height	1.24" (31.50 mm)	3.00" (76.2 mm)

Bezel Thickness	Flat Faced: 0.31" (7.87mm)
------------------------	----------------------------

Weight	Without bezel	With Flat-faced Bezel
	2.25 oz. (65 gr.)	3.85 oz. (109 gr.)

Cable length (optional)	6ft.
--------------------------------	------

ENVIRONMENTAL

Temperature	
Operating	-40 o to 70o C (-40 o to 158 o F)
Storage	-40 o to 80 o C (-40 o to 176 o F)

Humidity	
Operating	10% to 90% noncondensing
Storage	10% to 90% noncondensing

* ISO (International Standards Organization) and AAMVA (American Association of Motor Vehicle Administrators)