



Magnetic Stripe Swipe Card Reader MSR43M-X

General

43 mm usb hid magnetic stripe swipe card reader MSR43M-X consists of a high-performance multi-channel fully integrated magnetic stripe decoder chip at a low-profile magnetic read-head. This innovative, yet low-cost card reading solution offers many important advantages over the conventional less-integrated approach.

Features

- Available ISO TK1, 2 &3
- Low-profile read head contains all needed circuits. Save space
- No more mill volt-level analog signals to route; no analog signals leave the shielded magnetic head. Withstands noisy PC monitors, cell phones, switching power supplies, etc.
- New design reads badly damaged cards; compensates for poor head mounting
- Reads cards from 30% - 200% of ISO 7811 amplitude standard

Specification

Reference Standards	ANSI/ISO Standards 7810,7811-1/6, 7813
Recording Method	Two-frequency coherent phase (F2F)
Decoding Metho ISO	Track1 - IATA Track2 - ABA Track3 - THRIFT
Card Swiping Direction	Bi-directional
Dimensions	22.4*16*43 mm(H*W*L)
Life	Electronics: 125,000 hours Head: 1,000,000 passes
Environment	Operating Temp: 0°C ~ + 55°C
	Storage Temp:-10°C~ + 55°C
	Humidity:10 ~ 90 relative
Interface	USB(HID -Keyboard Mode)
	RS232(optional)
	TTL(optional)
MagStripe Card Reader Configuration Utility	Support Microsoft Windows98/ME/2000/XP/Vista32bit



OPOS Driver	Win32-based POS device access. OPOS is currently deployed on Microsoft Windows 2000/XP/Vista/ Win7 32bit.
Power Supply	DC 5V, though usb interface cable.
Power Consumption	Less than 8.5mA maximum total current when no card is being swiped, less than 10 mA maximum total current at 5V while card is being swiped.
Card Swiping Speed	Card speed through the unit may vary from 3 ips to 100 ips (7 cm/s to 250 cm/s)

Product Model	Interface
MSR43M-U	USB
MSR43M-S	RS232
MSR43M-T	TTL(UART)

Picture

