

MX5 – Magnetic Stripe Card and RFID Combo

Overview:



MX53-RFID is the One and Only Multi-Functional Reader to Help you Read Magnetic Stripe Cards and Read / Write Radio Frequency Identification (RFID).

No need to purchase more than one reader, the MX53-RFID will help your organization to save money. With the Built in Flash Upgrade option, your hardware will always be updated.

Ideal for varieties of applications, such as reading Driver's Licenses, Credit Cards, Health Card or any other Smart cards. Equipped with a multitude of configurations which are easily customized to your needs and applications.

Typical Applications:

- E-Passport/E-Ticket/E-Identification
- Credit Card/Loyalty Program/Store Value
- Online Shopping/Banking/Gaming
- Network/Physical Access Control

MX5- The One and Only Reader You Will Ever Need!

Features:

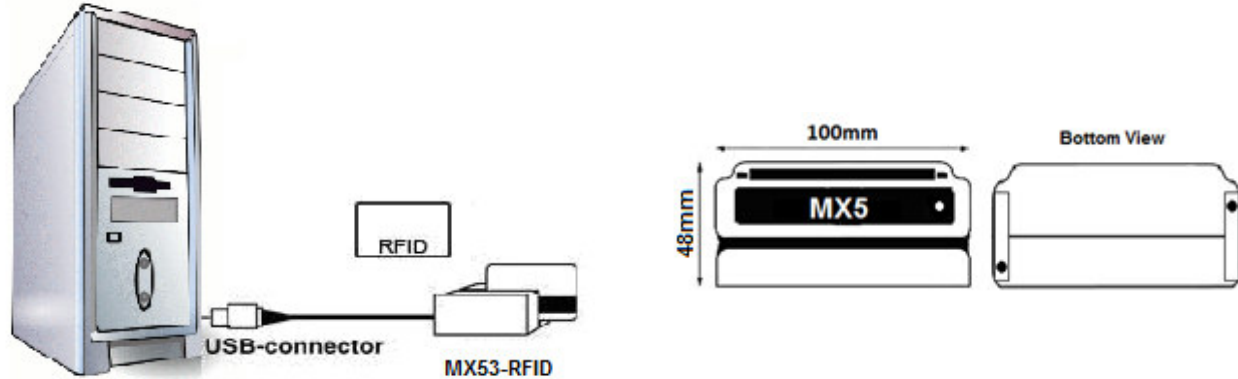
- Cost Effective Solution with both Magnetic and RFID Reader Function
- EM, TK, AT, Mifare, ICode Compatible (Module Specific)
- Triple Track Reading (Selectable Tracks)
- Built-in Data Encryption option with MX5 High Speed 32 Bit Processor: Triple DES, AES128, Advanced Security Features and Masked Data
- Specifically Designed to Meet PCI DSS Requirement
- ABA, ANSI, ISO, AAMVA, CADMV compatible
- Bi-directional swiping
- Audible and LED Good Read and Error Indicator
- Programmable Sound On/Off
- Multitude of Flash Upgradable Firmwares: USB-KB, USB-RS (serial) USB-HID, USB-Custom
- Auto Caps Lock Detection, Selectable Upper or Lower Case Option
- Built-in Boot Load Function for Easy Firmware Upgrade
- QuickSet® using our Setup card for Ease of Custom Settings and Deployment
- SDK – System Development Kits Available with DLL and sample source code.
- Two Year Warranty



Available RFID Modules:

MX53-EM	Magnetic Strip Card and 125 KHz EM, TK, AT RFID Reader/Writer
MX53-MI	Magnetic Strip Card and 13.65 MHz Mifare RFID Reader/Writer. ISO 14443A (Mifare Standard, Mifare UltraLight, Mifare DESfire)
MX53-M2	Magnetic Strip Card and 13.56 MHz Mifare RFID Reader/Writer. ISO14443A, ISO14443B, ISO15693 (Mifare Standard, Mifare UltraLight, Mifare DESfire, Vicinity, ICode SLI, SLE66cL)

MX53-RFID Combo Dimension Views:



Technical Specification:

MX53-RFID	
Built-in Magnetic Card Decoder	Yes
Supported Card types (Module Specific)	EM, TI, AT, Mifare, ICode
Communications	USB port
Power	Via USB port
Current mA	45 - 65 mA
Connectors	USB Type A
Cable Length	6 Ft (180 cm)(Default) also Available in 2 Ft (60 cm) and 15 Ft (460 cm)
Dimensions (LxWxH)	100 x 48 x 35 mm (RFID add on)
Total Weight	150 g
Operating Temp.	- 20 C to 55 C
Humidity	10% - 90% relative humidity
Set-up Utility	Yes
QuickSet® Factory Default Card	Yes One step setup card, Customizable
Flash Memory Upgrade	Yes
Selectable Tracks	Yes (Separate Track selection for both ISO & AAMVA)
Selectable Available Tracks	1, 2, 3
Track Swipe Rates	2 : 125 ips at 75 bpi 1, 3: 60 ips at 210 bpi
Head Life	Over 1,000,000 passes
Programmable Sound On/Off	Yes
Programmable Carriage Return	Yes
Programmable Inter character Delay	Yes
Programmable SS/ES Selectable Character	Yes
Parity and LRC Data Checking	Built-in, audible and LED good read and error indicator
Classifications Supported (Module Specific)	ABA, ANSI, ISO, AAMVA, CADMV, ISO14443A, ISO14443B, ISO15693, ISO 7816 (1-4)
Certifications	CE, FCC, UL, RoHS
Other Modules Available	Smart IC Chip Card module. See (MX53-SC)
Support Operating Systems	Win 7, Win 2008, Vista, Win 2003, Win 2000, XP, Win Ce, Unix
Warranty	2 years



RoHS

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