

## MX5 – Magnetic Stripe/RFID/Fingerprint Combo

### Overview:



**MX53-M2-FP is the One and Only Multi-Functional Reader to Help you Read Magnetic Stripe Cards, Read & Write Smart Cards and Read Fingerprints.**

**No need to purchase more than one reader, the MX53-M2-FP 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 RFID cards. Fingerprint reading adds two-factor authentication to raise security on computers. Equipped with a multitude of configurations which are easily customized to your needs and applications.

### Typical Applications:

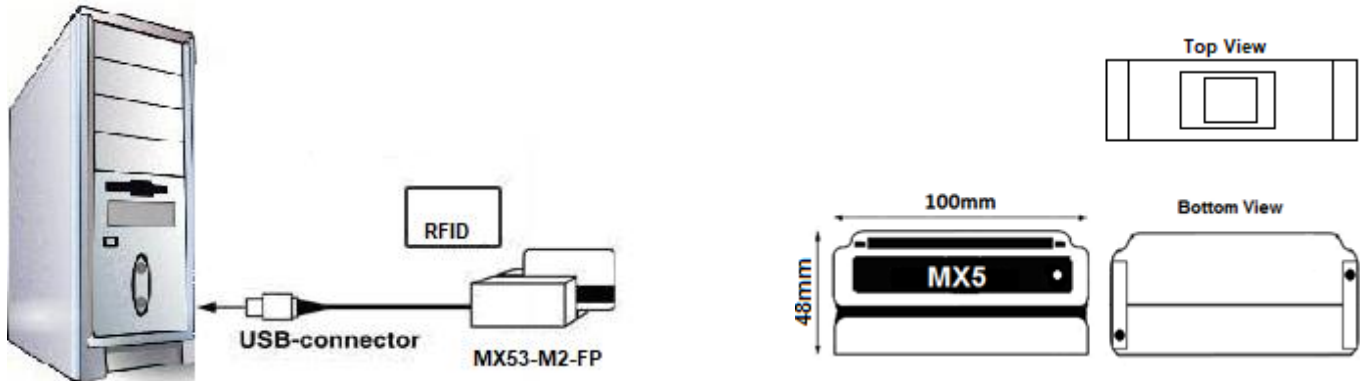
- E-Passport/E-Ticket/E-Identification
- Credit Card/Loyalty Program/Store Value
- Online Shopping/Banking/Gaming
- Computer/Network/Physical Access Control

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

### Features:

- Cost Effective Solution with Magnetic/Fingerprint Reader along with RFID Smart Card Reader / Writer Functions
- Windows CCID Driver and Windows Hello/Windows Hello for Business Compatible
- Triple Track Reading (Selectable Tracks)
- Mifare, ICode Compatible (Module Specific)
- 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 firmware: 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





**Technical Specification:**

<b>MX53-M2-FP</b>	
<b>Built-in Magnetic Card Decoder</b>	Yes
<b>Supported Card types (Module Specific)</b>	EM, TI, AT, Mifare, ICode
<b>Communications</b>	USB port
<b>Power</b>	Via USB port
<b>Current mA</b>	45 - 65 mA
<b>Connectors</b>	USB Type A
<b>Cable Length</b>	6 Ft (180 cm)(Default) also Available in 2 Ft (60 cm) and 15 Ft (460 cm)
<b>Dimensions (LxWxH)</b>	100 x 48 x 35 mm (SC add on)
<b>Total Weight</b>	150 g
<b>Operating Temp.</b>	- 20 C to 55 C
<b>Humidity</b>	10% - 90% relative humidity
<b>Set-up Menu</b>	Yes
<b>QuickSet® Factory Default Card</b>	Yes One step setup card Customizable
<b>Flash Memory Upgrade</b>	Yes
<b>Selectable Tracks</b>	Yes (Separate Track selection for both ISO & AAMVA)
<b>Selectable Available Tracks</b>	1, 2, 3
<b>Track Swipe Rates</b>	2 : 125 ips at 75 bpi 1, 3: 60 ips at 210 bpi
<b>Head Life</b>	Over 1,000,000 passes
<b>Programmable Sound On/Off</b>	Yes
<b>Programmable Carriage Return</b>	Yes
<b>Programmable Inter character Delay</b>	Yes
<b>Programmable SS/ES Selectable Character</b>	Yes
<b>Parity and LRC Data Checking</b>	Built-in, audible and LED good read and error indicator
<b>Classifications Supported</b>	ABA, ANSI, ISO,AAMVA, CADMV, ISO14443A, ISO14443B, ISO15693, ISO 7816 (1-4)
<b>Certification</b>	CE, FCC, UL, RoHS
<b>Support Operating Systems</b>	Win 7/8/10, Win 2008 ,Vista, Win 2003, Win 2000, XP, Win Ce, Unix
<b>Warranty</b>	2 years

POSH MFG LTD.  
Unit 391-13290 78<sup>th</sup> AVE.,  
SURREY, BC, CANADA  
V3W 0H6  
Phone: 1-604-596-5200  
Fax:1-604-596-5277

