



**Fingerprint
Module Available**



**Slim Line Design
LF RFID**



**Magstripe
Available**



Part# MX5C-CBP-EM

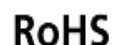
MX5C EM is a Slim, lightweight Design for Reading 125 KHz Low Frequency Radio Frequency Identification (RFID) cards

Ideal for varieties of applications, such as reading Membership Cards or any other contactless LF cards. Equipped with a multitude of configurations that are easily customized to meet your needs and applications.

Unlike any other reader on the market today, you will not need to stock different models to support USB VRS Serial, Keyboard, HID or Custom applications. Using the MX5 Utility you can select the desired communication (HID KB, VRS, HID Report output setting, save your changes into Flash memory of the MX5 device and your MX5 device is ready to meet your needs.

Features & Benefits

- Cost Effective Solution to read 125 KHz LF RFID
- Surface Mountable
- EM, AT, TK Compatible Card type supported
- Built-in Data Encryption Option with the MX5 High Speed 32 bit Processor: Triple DES, AES128, Advanced Security Features and Masked Data Available
- Audible and LED Good Read and Error Indicator
- Programmable Sound and LED On/Off
- Flash Upgradable Firmware with Selectable HID KB, VRS (serial), USB-HID or Custom communication settings
- Auto Caps Lock Detection, Upper Case or Lower Case Option
- Built-in Boot Load Function for Easy Firmware Upgrade
- Also available with Magstripe and / or Fingerprint option
- Two Year Warranty



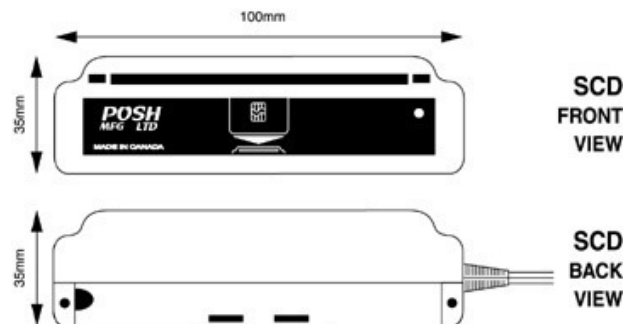
Specifications:



**USB to RS232
Converter
Cable Available**

Supported RFID Card Type	125 KHz EM, TK, AT
Communications	Selectable HID KB, VRS (serial), USB-HID or Custom communication settings
Power	Via USB port
Current mA	35-50 mA
Connectors	USB Type A (Default) Also Available in PS2 Mini DIN6/DIN 5, RS232 DB9F using Cable Converter option
Cable Length	6 Ft (180 cm)(Default) also Available in 2 Ft (60 cm) and 15 Ft (450 cm)
Dimensions (LxWxH)	100 x 32 x 35 mm
Total Weight	120 g
Operating Temp.	- 20 C to 55 C
Humidity	10% - 90% relative humidity
Quick Set® Factory Default Card	n/a
Set-up Utility	Yes
Flash Memory Update	Yes
Boot Load Flash Upgradable Memory	Yes
Programmable Sound & LED On/Off	Yes
Programmable Carriage Return	Yes
Programmable Inter character Delay	Fixed
Programmable SS/ES Selectable Char.	Yes
Parity and LRC Data Checking	Built-in, audible and LED good read and error indicator
Certifications	CE, FCC, UL, RoHS
Also Available with	Magnetic Stripe Card Reader, Smart Chip Reader/Writer
Support Operating Systems	Win 11 / 10 / 7, Win 2008 , Unix, Linux, IOS
Warranty	2 years

Dimension View:



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Fingerprint Specification:



Fingerprint Module	TCETC1FF022
Sensor Coating	FIPS 201 (gold coating)
Power	3.3 v, Powered by Device Fingerprint is installed on
Current	100 mA typical current used by Fingerprint device only
Fingerprint Image	2.8 x 18.0 mm (256 x 360 pixels) 508 dpi, 8-bit grayscale
Dimensions	23 mm x 35 mm x 4.1 mm
Interface	USB is internally Connected via 12 pin Flex cable
Humidity / Temp.	5% - 93% relative humidity , -30C to 70C
ESD	IEC 61000 - 4.2 level 4, +/- 15KV air, +/- 8KV contact
Certifications	FIPS 201 PIV Certified
Ingress Protection	IP65-rated top surface sealed against dust and liquid* (Fingerprint Module Only not device)
Storage	Can store up to approximately 100 user templates
Software	Includes broad software support from leading algorithm providers, ISV's and system integrators, Supports WSQ and JPEG2000 compression with the appropriate Software Development Kit.
Operating System	OS: Windows® 7, 8 and 10, Win CE, Linux®
Warranty	1 year



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Specifications subject to change without notice