Proximity Card Encoder Desktop USB Connection

Featuring 13.56MHz contactless technology and NFC, the Proximity Card Encoder enables on-site encoding of MIFARE/DESFire proximity cards and tags. With its compact design, the smart card encoder connects to a computer via USB port and installs as a plug-and-play device making it versatile and easy to use..

Feature Highlights

- Compact and attractive design
- Simple setup and installation process
- High-speed data transfer rates
- Accurate and silent to run

Compact Design

With its small and attractive design, the device won't take up desk space when you need to encode proximity cards or tags. You can easily take the compact encoder with you wherever you may go.

Simple Setup Process

The encoder provides plug-and-play driver support for all major PC operating systems allowing seamless integration into any end user's environment with very little installation effort.

Fast and Accurate

The encoder has a card data transfer rate of up to 848 kbps ensuring the shortest possible transmission time for end user convenience.

LED Status Indicator

LED lighting will tell you if your device is functioning correctly during the encoding process.

Technical Specifications

Supported Cards	MIFARE (Classic, Ultralight, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k), CD21, NFC Forum Tag types 1/2/3/4
Data Transfer Rate	106, 212, 424, or 848 kbps, depending on card IC
Antenna	Integrated
PC/SC Driver	PC/SC specification ver. 2.01.14 for: Windows 7/8/ 8.1/10 (32 and 64 Bit) Windows Server 2003/2008/2012 MacOS 10.10.x,10.11.x, 10.12.x Linux 2.6.x (32 and 64 bit) Android 4.0 and higher
Software	PC/SC API
Power Supply	Bus-powered USB
Power Consumption	50mA, excluding card
Dimensions (H x W x D)	91 x 75 x 12mm (3.583 x 2.953 x 0.472")
Weight	44g (1.5oz)
Operating Temperature	0˚ to 50˚C (32˚ to 122˚F)
Storage Temperature	-25˚ to 85˚C (-4˚ to 140˚F)
Humidity	Up to 95% RH (non condensing))
MTBF	~10M hours
Connector	1.5m USB cable with USB type A connector
Status Indicator	LED
Firmware	SmartOS
Firmware In-Field Upgradeable	Yes
Systems/Standards	USB 2.0 Full Speed, CCID, Microsoft, WHQL
Regulatory/Environmental	CE, FCC, UL94, UL60950, VCCI, RFLJ, RoHS2, REACH, WEEE

Ordering Information

PRX-ENC-DT	Proximity Card Encoder Desktop USB Connection

Regulatory Notices

Federal Communications Commission (FCC)

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

RCM (Australian Communications and Media Authority (ACMA))

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

CE – Compliance with European Union (EU)

Conforms to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electro-Magnetic Compatibility (EMC) Directive 2014/30/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU.

This equipment complies with the rules of the Official Journal of the European Union for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).

UL/ULC (Underwriters Laboratories)

- UL 294 for Access Control System Units
- UL1610 for Central-Station Burglar-Alarm Units
- CAN/ULC S319 for Electronic Access Control Systems
- CAN-ULC S304 for Signal Receiving Centre And Premise Burglar Alarm Control Units
- CAN/ULC S559 for Fire Signal Receiving Centres And Systems