

IT WORKS RFID-M1

MIFARE® READ AND WRITE DESKTOP READER

IT WORKS RFID-M1 is a proximity Desktop reader which is designed in accordance with ISO14443 Type A Mifare. This intelligent Desktop reader utilizes Mifare® technology to read and write to contactless smart card. It is designed based on powerful 8-bit Microprocessor to meet a simple and cost effective smart card issuing system market requirement.

It is easy to use as smart card reader/writer via USB interface / RS232 interface communicated with PC. TCP/IP network version is available as option. The housing can be placed on metal surface.

It is designed for low cost and high security as well as convenience and reliability. SDK is available for further application development.



Specifications	
Host Communication	USB 1.1 / RS232 interface; TCP/IP available as option
Contactless Interface	ISO14443 Type A
Operation Frequency	13.56MHz
Communication Rate	106Kbit/s
Supported transponders	Mifare® classic, Mifare® UltraLight, Mifare® Pro (X), Mifare® DESFire and other ISO14443 A
Indicators	Multicolor LED, One Buzzer
Communication Cable	1.2 meter long USB communication cable
Power Supply	Power supplied from USB connector
Current Consumption	< 120 mA
Reading Distance	> 60 mm (depending on transponders)
Operating Temperature	0°C ~ +65°C
Operating Humidity	0 ~ 95% relative humidity non-condensing
Development Kit	Window-based Reader API and low level communication protocol will be provided by the development kit

Advantages

- Proximity desktop reader for smart card issuing and application development
- Support Mifare® classic, Mifare® UltraLight, Mifare® Pro (X), Mifare® DESFire and other ISO14443A cards
- USB interface
- TCP/IP for network available as option
- Auto answer mode: permanent reading and sending the ID number
- Multicolor LED
- Excellent and compact design
- Low cost
- SDK for further application development
- Size: (129mm×68mm×33mm)