

USB MIFARE® READER/WRITER DATASHEET

FEATURES

- ❖ USB Mifare® reader/writer that meets ISO 14443A (Mifare®) standard.
- ❖ Fast verification time, less than 0.2 second.
- ❖ Read range up to 70mm.
- ❖ Build in sound beeper.
- ❖ Two LED (Red, Green) indicator.
- ❖ A choice of three colors (gray, black or blue).
- ❖ Easy installation, plug & play detection under Windows 2000 & XP operating systems.



TECHNICAL SPECIFICATION

Model No. MA-RM-USB

Power Consumption

Voltage 5VDC (supplied via USB port)
Max. Current 100mA

Operating Frequency 13.56 MHz

Reading Range Up to 70mm (MIFARE STANDARD 1K)

Interface USB

Data Rate 1.5Mbps

LED Red: Power
Green: Data transfer

Supported Card Type ISO 14443A, Mifare MF1

Physical Characteristics

Dimensions L: 85mm, W: 85mm, H: 22mm
Weight 120 g
Material ABS
Color (Gray, Black & Blue)

Environmental

Operating Temperature 0°C – 45°C
Storage Temperature -10°C – +70°C
Humidity 5% - 90% relative humidity,
non-condensing

HOW TO ORDER

Specify quantity and the following information.

Model No.: MA-RM-USB
Part No.: MA1001

SOFTWARE SUPPORT

- ❖ USB driver available
- ❖ Development kit available
- ❖ API implementation as a DLL for Visual Basic and Visual C++ under Microsoft® Windows® 2000 and XP operating system
- ❖ Sample source code for Visual Basic and Visual C++.
- ❖ Customized application design and development is available

APPLICATIONS

- ❖ Access control system
- ❖ Time attendance system
- ❖ Data collection system
- ❖ Booking system
- ❖ Logistic system
- ❖ Guard tour terminal

INSTALLATION

Plug and play detection under the Microsoft® Windows® 2000 or XP operating system.

OEM SUPPORT

- ❖ Custom design manufacturing is available
- ❖ Custom device programming is available
- ❖ OEM label is available

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