

RS232 MIFARE® READER/WRITER DATASHEET

FEATURES

- ❖ RS232 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 on computers with COM port interface.



TECHNICAL SPECIFICATION

Model No. MA-RM-232

Power Consumption

Voltage 5VDC (supplied via PS2 port)
Max. Current 100mA

Operating Frequency 13.56 MHz

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

Interface RS232

Data Rate 9600bps

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-232
Part No.: MA1002

SOFTWARE SUPPORT

- ❖ 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 the reader COM cable into the COM port of the computer.
- ❖ Plug the reader PS2 cable into the PS2 port of the computer.

OEM SUPPORT

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

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