**FEATURES**

- USB Mifare® reader/writer that meets ISO 14443A (Mifare®) standard.
- Fast verification time, less than 0.2 second.
- Read range up to 70mm.
- Built 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

**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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