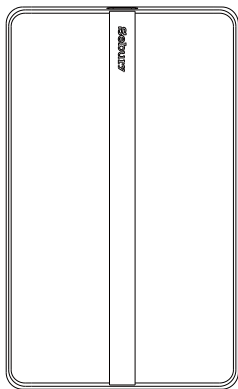


Sebury

UsbReader **M**

INSTRUCTION MANUAL



UsbReader-M card reader is a non-contact smart card reader (read-only) which is based on the ISO14443A international standard protocol. It is a universal card reader designed with 13.56Mhz non-contact radio frequency technology. During use, it can be plugged in (plug in and ready to use), no external power supply is needed, and users don't need to load any drivers. The reading is stable, accurate and reliable.

1. Basic parameters

Working frequency:	13.56Mhz
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Reading type:	14443A PROTOCOL SUCH AS MF\S50\S70
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Weight:	55g
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Dimension:	115mm×69.9mm×14.5mm
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Reading distance:	0~80mm
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Reading time:	<100mS
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Reading speed:	0.2S
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Reading interval time:	0.5S
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Communication Interface:	USB
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Working temperature:	-20°C—70°C
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Operating Voltage:	5V
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Working current:	100mA
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operating system:	Win XP\Win CE\Win 7\ Win 10\LIUNIX\Vista\Android
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Other:

Status indicator: red LED.

Built-in speaker: buzzer, can control LED and buzzer.

Output format: default 10 digits decimal (4 bytes), and can be customized.

2. Usage and precautions

2.1 How to use/install

① Connect one end of the data line to the corresponding interface of the computer, and the other end to the communication port of the card reader, the card reader will enter the self-check and initialization with a beep;

② When the indicator light of the card reader is "red", it indicates that the card reader is in a state of waiting for card swiping.

Note: Test the method of reading the label by the card reader: open the editing software of the computer (such as Notepad\WORD\EXCEL), put the card close to the card reader, and the label card number will be displayed at the cursor of the editing software.

2.2 Check the method of connecting the card reader to the computer

The card reader enters the card swiping state, open the computer "device manager", check whether there is an ergonomic input device in the option menu, if it does, it means that the device has been successfully connected to the computer.

2.3 Precautions and simple troubleshooting

If the data cable is directly plugged into the charging plug, the card reading will be unsuccessful.

There are many factors that affect the card reading distance. Different protocols, different antenna designs, surrounding environments (mainly metal objects), and different cards will all affect the actual card reading distance.

If the reading distance of the card reader is too long, it will cause the card reading to be unstable or fail. Avoid reading the card in a critical state (the distance just to be able to read the card). At the same time, two readers that are too close will interfere with each other.

The method of reading the card, it is recommended to use the card directly facing the card reader and approach it naturally. The card reading method that uses the card to quickly swipe from the side is not advisable and does not guarantee the success of the card swipe.

When swiping the card, it is recommended not to operate the mouse to avoid data transmission errors.

The length of the communication cable between the card reader and the computer should be less than 15 meters.

No response when swiping the card: Whether the interface is plugged in; whether the radio frequency card is a compatible RFID card; whether the radio frequency card is broken; whether another radio frequency card is in the card reading range.

Transfer data error: whether the mouse is operated when swiping the card; whether the card is read in an environment with strong electromagnetic field interference; whether the communication cable between the reader and the computer is too long; whether the card is read in a critical state.

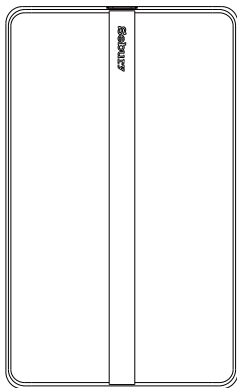
3. Application areas

It is widely used in Internet cafes, membership management, KTV film and television VOD ordering system, fast food restaurant ordering system, office/shopping mall/bath center storage box security control, various anti-counterfeiting systems and production process control, data collection and other fields.

Sebury

UsbReader **EM**

INSTRUCTION MANUAL



UsbReader-EM card reader is a 125kHz drive-free ID card reader device. During use, it can be plugged in at will (plug in and ready to use), no external power supply is required, and the user does not need to load any driver. It can read the serial number in the RFID card and output it to the computer through the data interface, which is equivalent to automatic keyboard input.

1. Basic parameters

Working frequency:	125Khz
Reading type:	TK4001, EM4100 and other ID cards
Weight:	55g
Dimension:	115mm×69.9mm×14.5mm
Reading distance:	0~80mm
Reading time:	<100mS
Reading speed:	0.2S
Reading interval time:	0.5S
Communication Interface:	USB
Working temperature:	-20℃—70℃
Operating Voltage:	5V
Working current:	100mA
operating system:	Win XP\Win CE\Win 7\ Win 10\LIUNIX\Vista\Android

Other:

Status indicator: red LED.

Built-in speaker: buzzer, can control LED and buzzer.

Output format: can be customized.

2. Usage and precautions

2.1 How to use/install

① Connect one end of the data line to the corresponding interface of the computer, and the other end to the communication port of the card reader, the card reader will enter the self-check and initialization with a beep;

② When the indicator light of the card reader is "red", it indicates that the card reader is in a state of waiting for card swiping.

Note: Test the method of reading the label by the card reader: open the editing software of the computer (such as Notepad\WORD\EXCEL), put the card close to the card reader, and the label card number will be displayed at the cursor of the editing software.

2.2 Check the method of connecting the card reader to the computer

The card reader enters the card swiping state, open the computer "device manager", check whether there is an ergonomic input device in the option menu, if it does, it means that the device has been successfully connected to the computer.

2.3 Precautions and simple troubleshooting

If the data cable is directly plugged into the charging plug, the card reading will be unsuccessful.

There are many factors that affect the card reading distance. Different protocols, different antenna designs, surrounding environments (mainly metal objects), and different cards will all affect the actual card reading distance.

If the reading distance of the card reader is too long, it will cause the card reading to be unstable or fail. Avoid reading the card in a critical state (the distance just to be able to read the card). At the same time, two readers that are too close will interfere with each other.

The method of reading the card, it is recommended to use the card directly facing the card reader and approach it naturally. The card reading method that uses the card to quickly swipe from the side is not advisable and does not guarantee the success of the card swipe.

When swiping the card, it is recommended not to operate the mouse to avoid data transmission errors.

The length of the communication cable between the card reader and the computer should be less than 15 meters.

No response when swiping the card: Whether the interface is plugged in; whether the radio frequency card is a compatible RFID card; whether the radio frequency card is broken; whether another radio frequency card is in the card reading range.

Transfer data error: whether the mouse is operated when swiping the card; whether the card is read in an environment with strong electromagnetic field interference; whether the communication cable between the reader and the computer is too long; whether the card is read in a critical state.

3. Application areas

It is widely used in Internet cafes, membership management, KTV film and television VOD ordering system, fast food restaurant ordering system, office/shopping mall/bath center storage box security control, various anti-counterfeiting systems and production process control, data collection and other fields.