

# USB, PS/2 or RS232 RFID Series



04/05/06



## Specification

| Model                  | 09A/09B/09C                             | 04                 | 05                             | 06                   |
|------------------------|-----------------------------------------|--------------------|--------------------------------|----------------------|
| Size                   | 140 X 100 X 25(mm)<br>110 X 80 X 25(mm) | 140 X 100 X 25(mm) | 140 X 100 X 25(mm)             | 140 X 100 X 25(mm)   |
| Color                  | Champagne                               | offwhite           | offwhite                       | offwhite             |
| Voltage                | DC 5V ( USB Power )                     | DC 5V ( Keypad )   | DC 5V ( USB/Keypad )           | DC 5V ( USB/Keypad ) |
| Current                | ≤100mA                                  | ≤100mA             | ≤100mA                         | ≤100mA               |
| Ambient Temperature    | - 10℃ ~ 70℃                             | - 10℃ ~ 70℃        | - 10℃ ~ 70℃                    | - 10℃ ~ 70℃          |
| Reading Range          | 3 ~ 15CM                                | 5 ~ 10CM           | 5 ~ 10CM                       | 5 ~ 10CM             |
| Output Format          | USB                                     | Keypad Interface   | Reader&Writer, RS232 Interface | Rs232 Interface      |
| Card Type              | EM/Mifare/Disfare/ISO15693/TYPE A B C   | EM-ID/Mifare       | TM-E5551/Mifare                | EM-ID/Mifare         |
| Communication Distance | ≤10M                                    | ≥10M               | ≥10M                           | ≥10M                 |

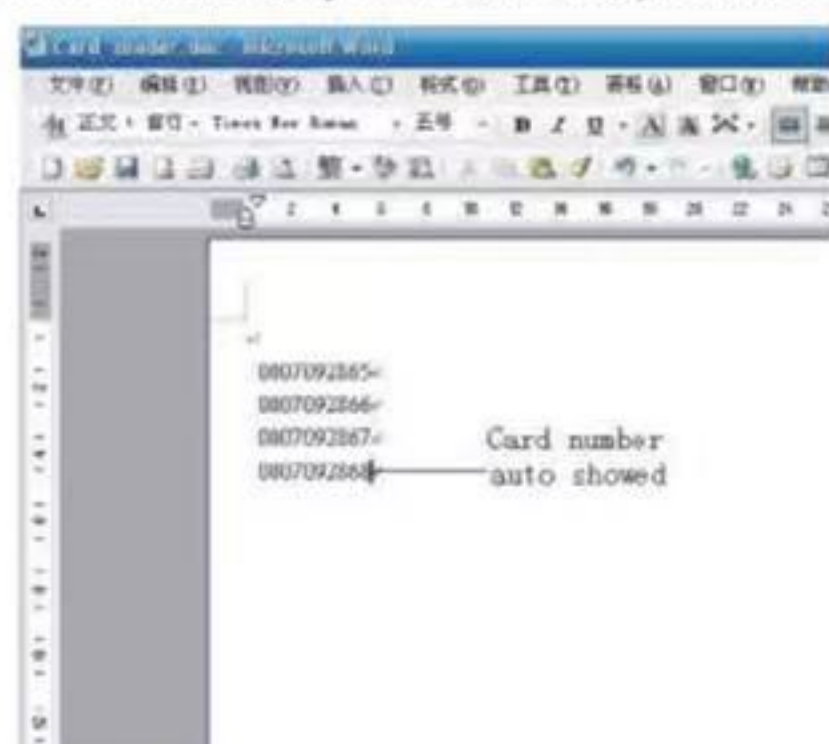
| 01A                 | 01B                 | 01C                 |
|---------------------|---------------------|---------------------|
| 104 X 70 X 13(mm)   | 110 X 80 X 25(mm)   | 120 X 76 X 14(mm)   |
| Black               | Black               | Black               |
| DC 5V ( USB Power ) | DC 5V ( USB Power ) | DC 5V ( USB Power ) |
| ≤100mA              | ≤100mA              | ≤100mA              |
| - 10℃ ~ 70℃         | - 10℃ ~ 70℃         | - 10℃ ~ 70℃         |
| 3 ~ 15CM            | 3 ~ 15CM            | 3 ~ 15CM            |
| USB                 | USB                 | USB                 |
| EM/Mifare           | EM/Mifare           | EM/Mifare           |

## Features

- Avoid manual input mistake,
- Save your time with more convenient and efficient
- Free of installing driver, compatible with Windows98/2000/XP
- Support proximity (EM-ID 125 KHz, 13.56Mhz Frequency) Card.
- 5- 10cm Proximity Reading Range
- 10 to 70 C Ambient Temperature
- Less 100mA Working Current
- DC 5V working Voltage or Power on USB
- Available Version: 125 KHz: 09B-ID, 09A-ID  
Mifare: 09B-Mifare, 09A-Mifare
- Optional: PS2 or RS232 interface. Mifare Reader and Writer.

### Example of Use

Plug it to USB port of PC or Laptop, execute the following steps after several seconds operating system adaption: Start-----Program-----Microsoft Office----- Word. Card Number will be showed in Word automatically while card was presented to the reader.



●All parameters are based on actual ones when leaving factory.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.