

USB Reader

(WG102820121101EN)

I. Instruction

- This USB Reader is used to enroll cards into the access control system. It is an optional accessory for the network access control system.
- This reader can read both EM card (125 KHz) and Mifare one card (13.56MHz).
- To use: Plug the Reader USB plug into the PC and wait for the system to find new hardware. Once it is installed the reader is ready to use.
- Run the network access control system, and then position the cursor on the card number entry field.
- To read the card or Fob, place it on the USB reader. After reading, the card number will show where the cursor is positioned.
- This USB reader is powered by the computer USB port directly; no need for an additional power supply and no need for drivers. It is a plug-and-play reader.



II. Parameters

Communication Interface: USB

Operating Voltage: 5VDC (USB Supply)

Operating Current: <100mA

Frequency: 125 KHz or 13.56 MHz (self-adaptive)

Input Format: EM ID card (125 KHz) and Mifare one IC card (13.56MHz)

Output Format: Standard Wiegand 26bit Un-buffer keyboard format

Sensing Range: 1 ~ 6cm (distance is related with the card type)

Operating Temperature: -40°C ~ +70°C

Color: black

Size: 106mm * 82mm * 25mm

Weight: 100g

Relative Humidity: 0-95%

Operation System: Windows 2000, Windows XP and above

III. Notes

Try to keep the USB reader away from metal objects. Metal can absorb and shield the radio frequency and may to affect the sensing range. Radiation from computer monitor also can affect the sensing range of the USB reader.