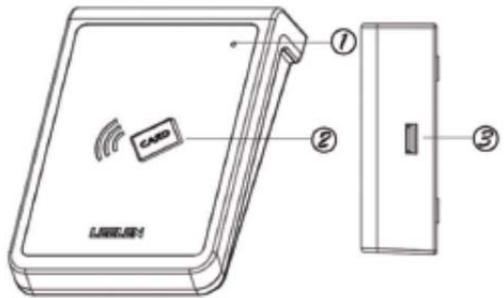




Digital IC Card Sender

User Operation Guide V1.0

I. External view of equipment



- Notes: 1. Indicator light: two-color light (green/red);
2. Card swiping area: supporting swiping of IC card and CPU card;
3. USB interface: communication and power supply interface;

II. Functional characteristics

1. It has the sound and light prompt function;
2. It has the card data reading function;

III. Technical Parameters

- Product model: EH-MD-R11-001
- External dimension: 148 * 97 * 35 (mm)
- Operating voltage: DC 5V
- Operating frequency: 13.56MHz
- Card reading and writing distance: ≥ 2cm (depending on the card)
- Card type: IC card or CPU card
- Maximum power consumption: 0.82W
- Operating temperature: -25 °C - 55°C
- Protection class: IP30

IV. Drive description

1. USB serial port driver

- Driver type: CP210x_VCP_Windows
- Drive installation description:
 - a. The property installation package will include a driver installation package, and the user needs to click on installation manually;
 - b. It supports the user network downloading, and the user needs to install it according to the prompts;

2. Com port description

It supports system automatic identification and connection functions; (e.g.: the equipment is connected to the computer so that the system automatically identifies which port for the USB communication with the property software during the communication).

V. Description of voice and light prompts

1. Voice prompt: a buzzer is used to prompt.
 - a. A voice prompted when the equipment is powered on: beep – one long beep;
 - b. A voice prompted when a card is read: beep – one short beep;
 - c. A voice prompted when the property software operation is completed: beep – one long beep;
 - d. Error prompt when the property software sends the card: beep – 2 short beeps;
(Such as: repeated card number, etc.).
2. Indicator light prompt: a double-color light (red/green) is used to prompt.
 - a. The red light is a power indicator light; when the light illuminates, this indicates that the equipment is in the standby mode;
 - b. The green light is a communication indicator light, when the light illuminates, this indicates the state when the equipment reads the card data (including the card initialization action);

VI. Product introductions

- Preparation before operation
Property staff shall prepare for setting the relevant parameters in the property software
(Such as: editing the community information and setting the property software-related parameters).
- Operating instructions
After entering the card sending interface of the property PC terminal, the property staff swipes the card; then the PC software will read the corresponding card number and card type, and the card sender sends a "beep".
- Note: How to set the PC parameters and send the card data to the host is shown in the property software manual;

VII. Fault and troubleshooting

1. The software prompts the connection failure of the card sender
 - a. Check whether the cable is connected correctly.
 - b. Replace the USB socket of the computer and re-run the software.
 - c. View my computer - attribute - hardware - equipment manager - port to see if there is equipment with USB-SERIALCH340 (such as COM4); if you cannot find the port, it is recommended to re-start the PC software.
2. Card writing failure
 - a. Check whether the card type is of an IC card.
 - b. Put your palm on the back of the card in the reading and writing process to completely block the card.
 - c. Check whether the card is damaged.

VIII. Restricted substances

Part Name	Toxic and hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6 +)	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
Metal part	○	○	○	○	○	○
Plastic part	○	○	○	○	○	○
CRT display screen	X	○	○	○	○	○
LCD screen	○	○	○	○	○	○
Circuit board component *	X	○	○	○	○	○
Power cord/cable	X	○	○	○	○	○
Power/Adapter	X	○	○	○	○	○
Packaging	○	○	○	○	○	○

This form was prepared in accordance with SJ/T 11364

*: Circuit board components include a printed circuit board and its components, such as resistors, capacitors, integrated circuits, etc.;

○: It indicates that the contents of the hazardous substance in all homogeneous materials of the part are below the limit requirement specified in GB/T 26572;

X: It indicates that the contents of the hazardous substance in at least one of the homogeneous materials of the part exceed the limit requirement specified in GB/T 26572;

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The product shall be subject to the actual equipment

