

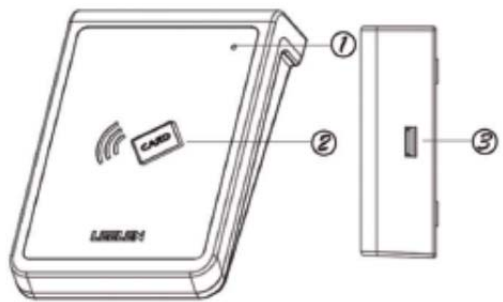


## Digital IC Card Sender

User Operation Guide V1.0

## I. External view of equipment

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- 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

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

### III. Technical Parameters

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- 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:  $\geq 2\text{cm}$  (depending on the card)
- Card type: IC card or CPU card
- Maximum power consumption: 0.82W
- Operating temperature:  $-25\text{ }^{\circ}\text{C}$  -  $55^{\circ}\text{C}$
- Protection class: IP30

### IV. Drive description

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#### 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

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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

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- 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

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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;

## Technology For Life

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RP.R11.ZC-SM.001  
The product shall be subject to the actual equipment

