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HANDHELD 125kHz RFID ID COPIER DUPLICATOR

Introduction:

A 125kHz RFID re-writer is a specialized device designed for the manipulation of RFID tags operating at a frequency of 125kHz. Utilizing Radio-Frequency Identification (RFID) technology, this device serves as a crucial tool in the modification and retrieval of data stored on RFID tags. Comprising essential components such as a reader module, antenna, and microcontroller, the re-writer generates an electromagnetic field to communicate with and power passive RFID tags.

With applications ranging from access control systems and time and attendance tracking to asset management and animal identification, the 125kHz RFID re-writer plays a pivotal role in updating and managing information on RFID tags. Its versatility extends to custom projects, allowing developers and hobbyists to integrate the re-writer into innovative applications where the reading and writing of RFID data are essential. Despite its widespread use, users must be mindful of security considerations, as 125kHz RFID technology may have limitations compared to higher-frequency alternatives.

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Features:

- To clone 125Khz RFID card/Tag
- Support 125Khz EM4100/EM410X or compatible card / label format
- Copy EM4100 all ID cards, such as access cards, mobile cards, parking cards, etc.
- Able to reference the device module when you work
- Easy to use
- No computer needed

Specifications:

Frequency	:	125KHz
Power	:	2xAAA battery **(Not included)**
Working status LED	:	Read, Power, Write, Duplicate
Button	:	Read Button, Write Button
Support blank tag	:	T5577, EM4305
Handheld RFID Writer Size	:	11 x 6.5cm/4.33 x 2.56 inch
Weight	:	130g

Objectives:

The primary objective of a 125KHz RFID re-writer is to provide a versatile tool for modifying information stored on RFID tags operating at the 125KHz frequency

Components needed:

- 125khz RFID re-writer
- 2xAAA battery
- Key card

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Procedures:

Step 1: Push the power switch on the right of the device; it will beep two or three times and the LED will be on, indicating if it works; if not, please restart

Step 2: Put the mother card near the antenna on the left side of the device, and then hit the READ button; the device will beep and the LED will turn on when the read is successful; if it beeps twice, move to step 3, and if it beeps three times, go to step 4. If it doesn't beep, click READ again.

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Step 3: Change a fresh blank card as T5577/EM4305, then push the WRITE button; when the beep and PASS LED turn on, it means the clone was successful; if it doesn't beep and light, please write again.

Step 4: Switch OFF to save power

Discussion:

The 125KHz RFID re-writer typically employs a simple and user-friendly interface, making it accessible for various applications. It is commonly used in settings such as offices, educational institutions, and secure facilities where RFID technology is utilized for access control. Security personnel and administrators can utilize the re-writer to update access permissions or reassign cards, providing a flexible and dynamic approach to RFID-based security systems. However, it is important to note that the effectiveness of the re-writer depends on the compatibility with specific RFID protocols and card types.