

Manual

RFID Coded 125kHz
Keychain

HD-RKF07R

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Specifications:

- **Color:** Red
- **Material:** ABS
- **Reading distance:** 0.5–10cm
- **Operating Frequency:** 125kHz
- **Device dimensions:** 41 x 34 x 5 mm
- **Operating temperature:** -30 to 75°C
- **Storage temperature:** -30 to 100°C
- **Chip:** TK4100

Product Description

An RFID key fob operating at 125kHz is a passive identification device that uses radio technology to transmit data contactlessly. Thanks to the use of the TK4100 chip, the key fob does not require its own power source and is only activated in the magnetic field of the RFID reader. The 125kHz operating frequency ensures stable and reliable communication over short distances, making it ideal for access control, personal identification, or merchandise management.

Each keychain has a unique, predefined 10-digit code that is permanently encoded and unchangeable, ensuring security and uniqueness of identification. The device is highly resistant to external conditions, including water and dust, so it can be used in a variety of working environments without any problems. Compatibility with RFID readers operating on the same frequency allows the key fob to be easily integrated into existing access control and identification systems.

How to use

Using the 125kHz RFID key fob is simple and intuitive, making it the ideal tool for quick and hassle-free identification and access control.

1. System Integration: Make sure the access control or identification system you want to use the key fob with is compatible with 125kHz and supports the TK4100 chip.

2. Keychain Assignment: In an access management or identification system, assign a key fob to a specific person or object.

This includes entering a unique 10-digit key fob code into the system and configuring the appropriate permissions.

3. Using the Keychain: To access or be identified, bring the RFID keychain close to the reader. The keychain must be within the appropriate range of the reader, usually a few centimeters, in order to
could be read correctly.

4. Data Reading: The reader will automatically read the data from the key fob and transmit it to the system for verification. If the data on the key fob matches the permissions in the system, access will be granted or identification will be confirmed.

5. Management and Monitoring: Use a management system to monitor the use of the key fob, including access dates and times, which enables better control and security.