User Manual

RFID Key Ring HD-RKF07



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Specifications of the device

- Color-Blue
- Material-ABS
- Reading distance-0.5-10 cm
- Operating frequency-125 kHz
- Device dimensions-41 x 34 x 5 mm
- Operating temperature-from -30 to 75°C
- Storage temperature-from -30 to 100°C
- Chip-TK4100

Product description

The RFID keychain, which operates at 125kHz, is a passive identification device that uses radio technology for contactless data transfer. Thanks to the TK4100 chip, the pendant does not require its own power source and activates only in the magnetic field of the RFID reader. The 125kHz operating frequency provides stable and reliable communication over short distances, making it ideal for access control, personal identification or merchandise management.

Each key fob has a unique predefined 10-digit code, which is permanently encoded and not subject to change, ensuring security and uniqueness of identification. The device features high resistance to external conditions, including water and dust, so it can be used seamlessly in a variety of working environments. Compatibility with RFID readers operating at the same frequency allows easy integration of the key fob into existing access control and identification systems.

Method of use

Using the 125kHz operating frequency RFID key fob is simple and intuitive, making it an ideal tool for fast 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 the 125kHz frequency and supports the TK4100 chip.

2. **Assign the Fob:** In the access management or identification system, assign the fob to a specific person or object. This includes entering the unique 10-digit key fob code into the system and configuring the appropriate privileges.

3. **Using the Fob:** To gain access or be identified, bring the RFID fob close to the reader. The fob must be within the proper range of the reader, usually a few centimeters, to be read properly.

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 authorization in the system, access will be granted or identification confirmed.

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

In order to receive additional information about the purchased device or detailed technical assistance as well as information on the conditions of return of purchased devices and their warranty, please visit our website

hdwrglobal.com

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