

# Operating Instructions

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## RFID Card HD-RWC01



# Table of

1. Specification
2. Product Description
3. How To Use

## Device Specifications

- **Material:** PVC
- **Finish:** white gloss
- **Operating frequency:** C125 kHz
- **Card dimensions:** 86 x 54 x 1 mm
- **Chip:** TK4100

## Product

The encoded RFID card HD-RWC01 works on the principle of passive radio communication, using a frequency of 125kHz. This is the standard frequency for many access control and identification systems, ensuring the reliability and security of data transmission. The card contains a TK4100 chip that stores a unique 10-digit identification code. This code is hard-coded and cannot be changed, eliminating the risk of unauthorized access or cloning of the card.

## How To Use

Using a 125kHz RFID card is simple and intuitive, making it a popular choice for access control and identification systems. Here are the basic steps on how to use such a card:

**1. System Integration:** Make sure that the system you want to use the RFID card with (e.g., access control, time and attendance system) is compatible with cards operating at 125kHz. The system should also be compatible with the TK4100 chip, if one is used in the card.

**2. Card Programming:** In many systems, the card must first be programmed or registered with the management system. This includes assigning the card to a specific user or function and setting up specific access rights if necessary.

### **3. Using the Card:**

- **Access:** To access the protected area, hold the card close to the RFID reader. The reader will automatically scan the card, read its unique identification code, and verify access authorization.
- **Identification:** In identification systems, the card can be used to quickly confirm the user's identity, e.g. when recording working time.
- **Card Behavior:** Avoid exposing the card to extreme conditions such as heat, humidity, or direct sunlight that can damage the RFID chip or antenna.

For more information about your device or  
detailed technical support, as well as  
information about the return conditions and  
warranty of your devices, please visit our  
website  
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