

User Manual

RFID Tag Reader for Phone

HD-RD65

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Specification:

- **Warranty:** 2 years
- **Material:** ABS
- **Reading Method:** Automatic
- **Read Acknowledgement:** Light Signal
- **Read Speed:** Up to 200 ms
- **Reading Distance:** 0.5–80mm
- **Time between readings:** 0.5 sec
- **Operating frequency:** 125 kHz
- **Power supply:** USB DC 5V
- **Interface:** USB
- **Device dimensions:** 35 x 35 x 7 mm
- **Package dimensions:** 70 x 70 x 20 mm
- **Device weight:** 20 g
- **Weight with packaging:** 50 g
- **Operating temperature:** -10 to 70°C
- **Storage temperature:** -20 to 80°C
- **Operating Humidity:** 0 to 90%
- **Storage Humidity:** 0 to 90%
- **Output Format:** 10-character decimal
- **Chip types read:** EM4100, SMC4001, EM4200, EM4305, T5577

Kit contents:

- RFID Reader

Features:

- **Operating frequency:** 125 kHz
- **Reading Method:** Automatic
- **Read Acknowledgement:** Light Signal
- **Interface:** USB

Using an RFID tag reader on your phone

Hardware and software requirements

1. RFID tag reader app: Install an app compatible with your phone that will allow you to read and manage data from RFID tags.

RFID tag scanning

1. Prepare the RFID tag: Make sure the RFID tag is free of physical obstacles and at an appropriate distance from the phone (usually 1-7 cm).
2. Hold the reader close to the RFID tag:. The app will automatically register the tag and display the information stored on it.

Data management on RFID tags

1. Read data: After scanning the tag, the app will show the available information. You can view different sections of data if the tag is multifunctional.
2. Modify data (if the app allows it): In some applications, you can also save or modify data on RFID tags. Follow the instructions in the app to manage your data.

Troubleshooting

- Data reading errors: Make sure that the RFID tag is not damaged and that you are using the correct application for its type.

Safety

- Data protection: Be aware that some RFID tags can store sensitive information. Always use trusted and secure applications to read and manage RFID tags.
- Privacy: Be sure not to scan tags without their permission, as this may violate privacy.