Manual

Wired 125 kHz and 13.56 MHz RFID reader

HD-RD30C

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Specification:

- **Warranty:** 2 years
- **Material:** ABS
- **Reading Method:** Automatic
- **Read acknowledgement:** light and sound signal
- **Read Speed:** Up to 200 ms
- **Reading Distance:** 0.5-80mm
- **Time between readings:** 0.5 sec
- **Operating frequency:** 125 kHz, 13.56 MHz
- **Power supply:** USB DC 5V
- **Interface:** USB
- **Cord length:** 140 cm
- **Device dimensions:** 105 x 68 x 10 mm
- **Package dimensions:** 125 x 85 x 38 mm
- **Device weight:** 140 g
- **Package weight:** 310 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, MIfare 1K S50, MIfare S70 MIfare Plus S2K, MIfare Plus X2K, MIfare Plus S4K, MIfare Plus X4K, NTAG213, NTAG215, NTAG216, Desfiire 2K, Desfiire 4K, Desfiire 8K

Set contents:

- RFID reader,
- USB cable.

Features:

- **Operating frequency**: 125 kHz, 13.56 MHz
- **Reading Method**: Automatic
- **Read acknowledgement**: light and sound signal
- **Power supply**: USB DC 5V

Usage:

The operation of the device is simple and intuitive, which makes its use convenient for both beginners and advanced users. Below you will find step-by-step instructions on how to use the reader:

1. Connecting the device

- Use the included USB cable to connect the reader to a computer or other device with a compatible USB port.
- The reader will be automatically detected as an HID keyboard. There is no need to install additional drivers.

2. Preparing for reading

- Make sure that the RFID tag you want to read is operating at supported frequencies (125 kHz or 13.56 MHz).
- Bring the tag closer to the reader at a distance of up to 80 mm.

3. Reading process

- The reader will automatically read the data from the tag. Information about a successful reading will be transmitted by light and sound signals.

- The data is immediately transferred to the connected device and can be used in an app or system, e.g. for goods records or access control.

4. Selection of the reading frequency

- The device independently identifies the frequency of the tag used and adjusts the operating mode, which allows for smooth switching between reading 125 kHz (e.g. TK4100) and 13.56 MHz (e.g. MIfare 1K S50) tags.

5. Taking care of your device

- Store the reader between -20°C and 80°C to ensure its long life.
- Avoid exposure to moisture above 90%, direct impacts, and contact with water.