

Manual

125 kHz Wired RFID Reader

HD-RD20X

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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
- **Power supply:** USB DC 5V
- **Interface:** USB
- **Cord length:** 140 cm
- **Device dimensions:** 94 x 60 x 10 mm
- **Package dimensions:** 125 x 85 x 38 mm
- **Device weight:** 130 g
- **Weight with packaging:** 300 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

Set contents:

- RFID Reader
- USB cable

Features:

- **Operating frequency:** 125 kHz
- **Reading Method:** Automatic
- **Read acknowledgement:** light and sound signal
- **Read Rate:** Up to 200ms

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 the RFID tag you want to read is compatible with the reader (supported chips include m.in EM4100, TK4100, SMC4001).
- Bring the tag closer to the reader at a distance of up to 80 mm.

3. Reading process

- When the reader detects the tag, the data will be read automatically.

- Light and sound signals indicate correct reading. In the absence of a signal, make sure the tag is at an appropriate distance and not damaged.

4. Use of data

- The read data is immediately transferred to the connected device, where it can be used in the warehouse management system, access control or other applications.

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% and direct impacts.