

# User Manual

---

RFID Card Reader Wired

**HD-RD80**

# Table of contents

Specifications: ..... 3  
Set contents:..... 4  
Features: ..... 4  
Installation:..... 4

## Specifications:

- **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:** 105 x 68 x 14 mm
- **Package dimensions:** 125 x 85 x 38 mm
- **Device weight:** 140 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
- **Power supply:** USB DC 5V

## Installation:

RFID equipment is ready to work as soon as you connect it with a USB cable. It is visible in the system as an HID keyboard and installs automatically. This saves time by eliminating the need to install additional drivers.

The device is designed to identify goods and natural persons. It uses radio wave technology to operate properly, which enables fast reading of tags with EM4100, T5577, SMC4001 chips from a distance of up to 80 mm. The user is informed about the correct reading by a light and sound signal.