

# User Manual

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RFID Card Reader Wired

**HD-RD20XC**

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## 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:** 13.56 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
- **Readable Chip Types:** 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:** 13.56 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 function properly, which enables fast reading of tags with 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 chips from a distance of up to 80 mm. The user is informed about the correct reading by a light and sound signal.