

# ZD-series Contactless Smart Card Reader



## Host Interface

Interface	USB 2.0 Full Speed Device (HID) Humans Input Device
Power	From USB port
Supported Operating Systems	Windows® XP, Windows® 7, Windows® 8.1, Windows® 10, Linux®, Android

## Contactless Smart Card Interface

Standard	ISO/IEC 14443 TypeA
Support the card type	Mifare ® Classic Protocols card, UltraLight, UltraLight C, T=CL CPU card, Ntag213, Ntag215, Ntag216, DESfire
Operating Distance	Up to 50 mm

## Output Format

Format	10 digit dec(Default output format) (Allow user to customize the output format by software)
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## Built-in Peripherals

Buzzer	Monotone
LED Status Indicators	4 LED (green and blue)

## Physical Specifications

Dimensions	125mm (L) x 95mm (W) x 28mm (H)
Weight	150g

## Operating Conditions

Temperature	0°C – 60°C
Humidity	10% to 90%, non-condensing

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## Method of installation and use

1. Connect with computer through USB interface directly. When the buzzer sounded, reader into the self-inspection. And the same time, LED turn into red means standby.
2. Open the output of computer software,such as Notepad\ a word document or Excel sheets.
3. The mouse in Notepad or WORD document clicking.
4. Put tag on the top of reader, the software will output a data(card number) of the tag. When reading the tag, LED light change from red to green.

## Detecting device is connected

Open the Device Manager of computer, If appears Humans Input Device that means Reader has successfully into computer.

## Precautions

1. Do not install the reader on the magnetic objects and metal objects, they will seriously affect the RF signal.
2. If after reading, the tag is still in the induction zone, the RF reader will not send data and without any hints.

## Common problems

1. Operation without feedback: Please check whether the interface plugged in, whether the tag is a valid or whether another RF tag is within the reading range.
2. Data error: Please check Whether the mouse is moved, whether the reader is in a critical state and whether the cable length is too long.



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