RfidLoginer →

Strike the keyboard for you when it sniffing the tag!

No Programming Required!

No Software Required!

Just Plug and Play!

Applications:

1) Employee identification

2) Time and attendance

3) Form filter to existing software applications

4) Library, Hoteling, meeting attendance, visitor attendance

5) Secure printing

6) Point of sale

7) Membership applications

   Ordering information:

   Model No.: YHY202D

1. Special Features

- Contactless USB smart card reader

- Act as a HID keyboard device

- Supported card: Mifare 1k(s50), Mifare 4k(s70), s20

- Output 10 digits Card serial number, UID only

- No programming required

- Built in transceiver antenna

- Frequency: 13.56 MHz

- Typical time to read cards：<100ms

- Communication interface: USB

- Power supply ：DC 5V, BUS power

- Blue LED indicator

- Support OS: Windows, Macintosh, Linux

- Mechanic and environmental characteristics:

    - Dimensions: 63 ×18×8 (mm)

    - Operating temperature: -10 ~60 ℃

      - Storage temperature: -20~85 ℃

    - Relative humidity: up to 95%

    - Weight: 8g

2. Output mode

The YHY202D is a RFID reader which can read Mifare one s20, s50 and s70 RFID tags.   This reader acts as a USB HID keyboard device.

When YHY202D is deployed, no software is needed.   It uses standard USB drivers supplied by the operating system such as Windows, Macintosh and Linux.

The YHY202D reader can read the supported cards and print the card's serial number as 10 digits(Decimal format) and then end with "**Enter**" Key.

Example:

3. Device Connect

Plug the USB port to the PC USB port, after power on the blue led will flash, it means that the reader is ready.
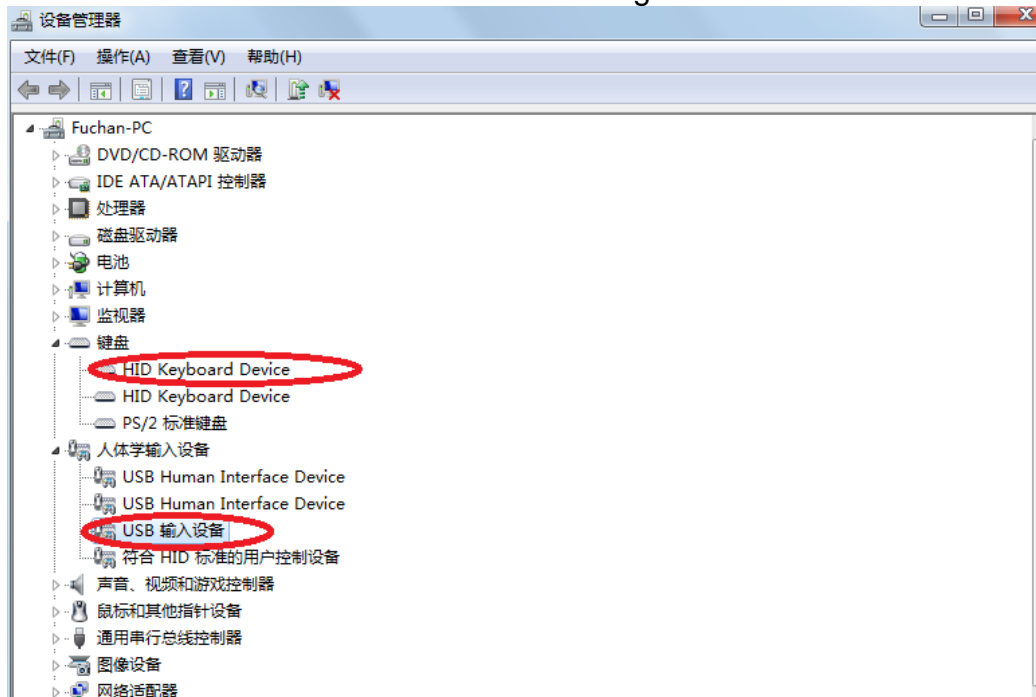

When plug the YHY202D reader to the PC's USB port, the system will recognize it as HID keyboard device.

When plug the device to the usb port, the system will know it.

Next will be showed on the device manager:

It may show different with different system.

After installation successfully, open "Excel " or other application program to read the RFID Tag and the tag's UID will be shown on the screen .

4. Electrical Characteristics

4.1 Operating Condition Range

Relative humidity: up to 95%

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Tamb	Ambient Temperature		-10	25	60	℃
VDD	DC Supply Voltage	DVSS = 0V	4.5	5	5.5	V

Table 1 - Operating Condition Range

4.2 Current Consumption

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
IDVDD	Supply Current	Reading card	-	35	50	mA

Table 2 - Current Consumption

4.3 Operating Distance

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
OD	Tag size more than 20mm	Measured from the reader bottom	10	20	25	mm

Table 3 - Operating Distance

5.   Layout

Top view:
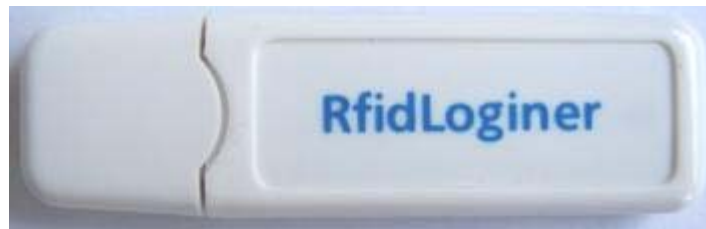
Bottom view:

Side view:

Package:

SIZE: 95(L)*46(W)*22(H)mm