

ZKTECO Notus RFID and Fingerprint Access Control Terminal User Guide

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Quick Start Guide

Notus

Date: June 2021

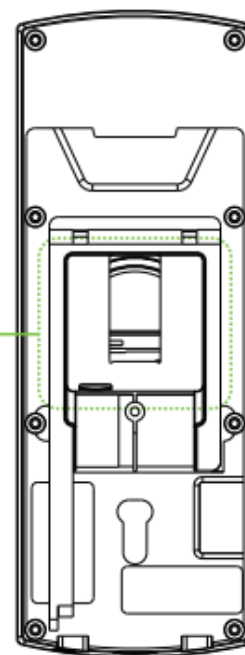
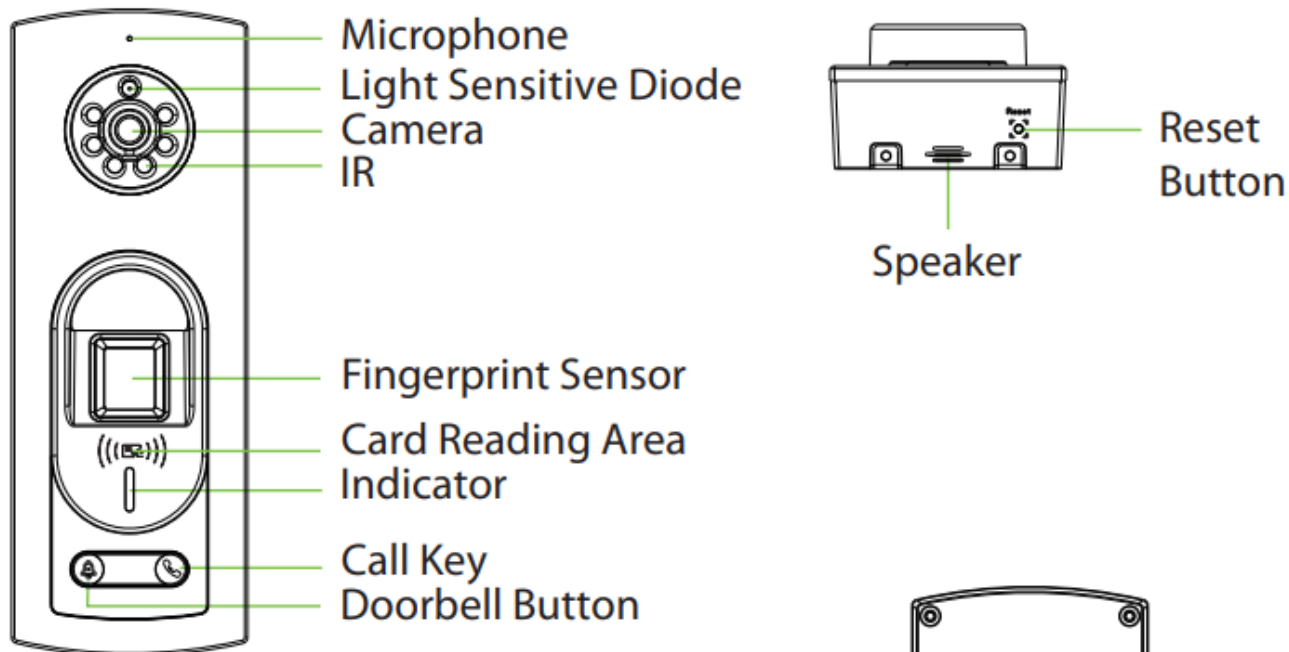
Version: 1.2

Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

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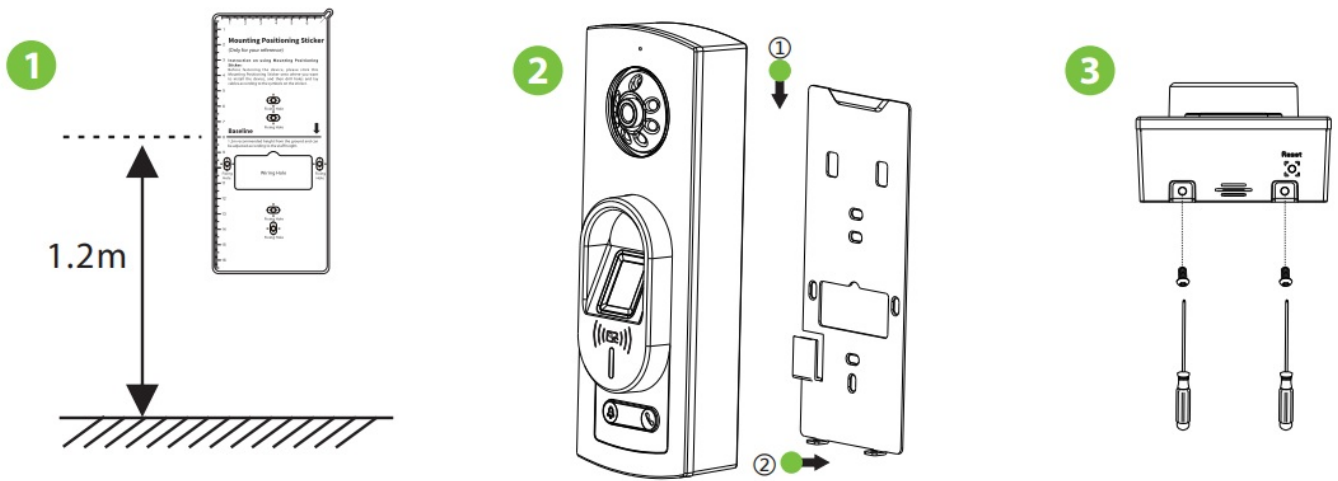
Overview



Installation Environment

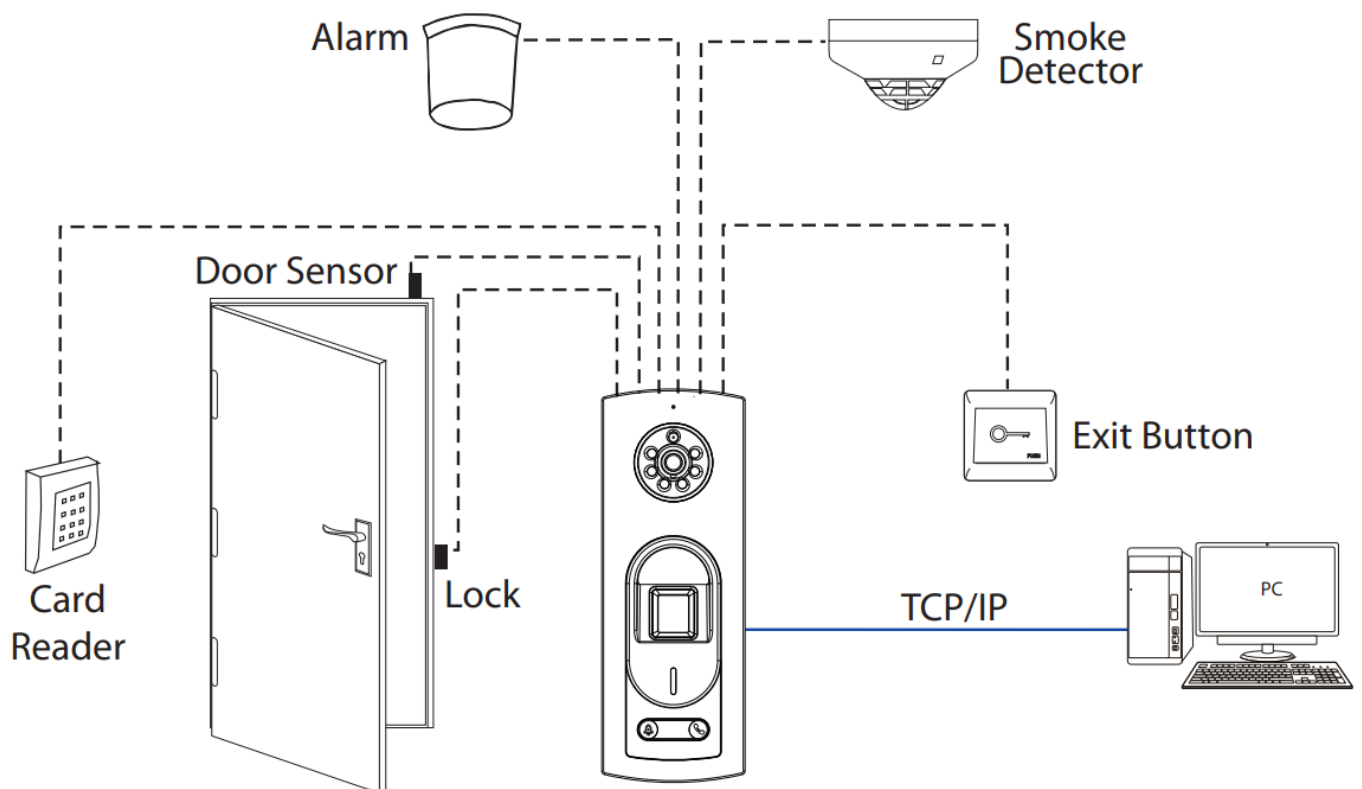
This product is suitable for semi-outdoor environment. Please install it in an environment where there is no direct sunlight exposure, and no refraction of glass.

Device Installation

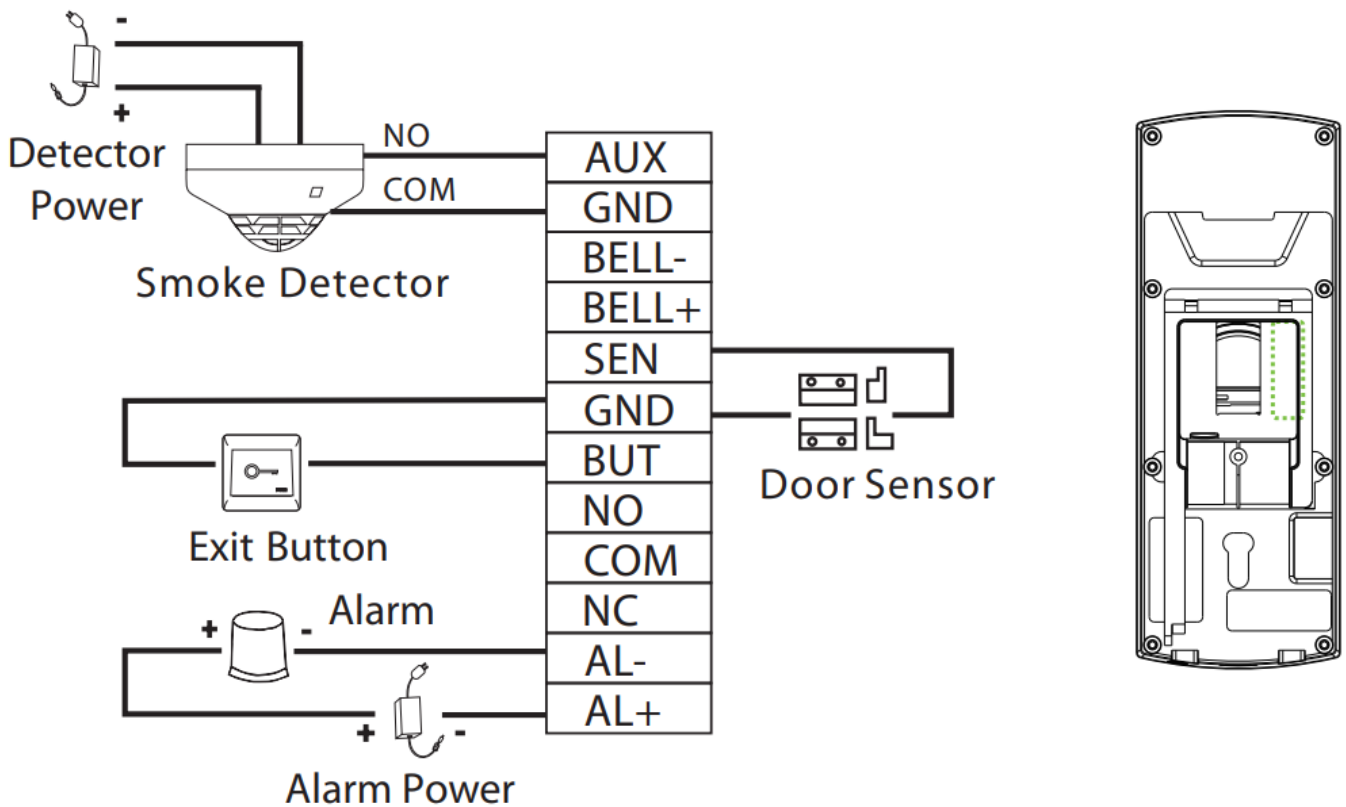


1. Attach the mounting template sticker to the wall, and drill holes according to the mounting paper. Fix the back plate on the wall using the wall mounting screws.
2. Attach the device to the back plate.
3. Fasten the device to the back plate with two security screws.

Standalone Installation



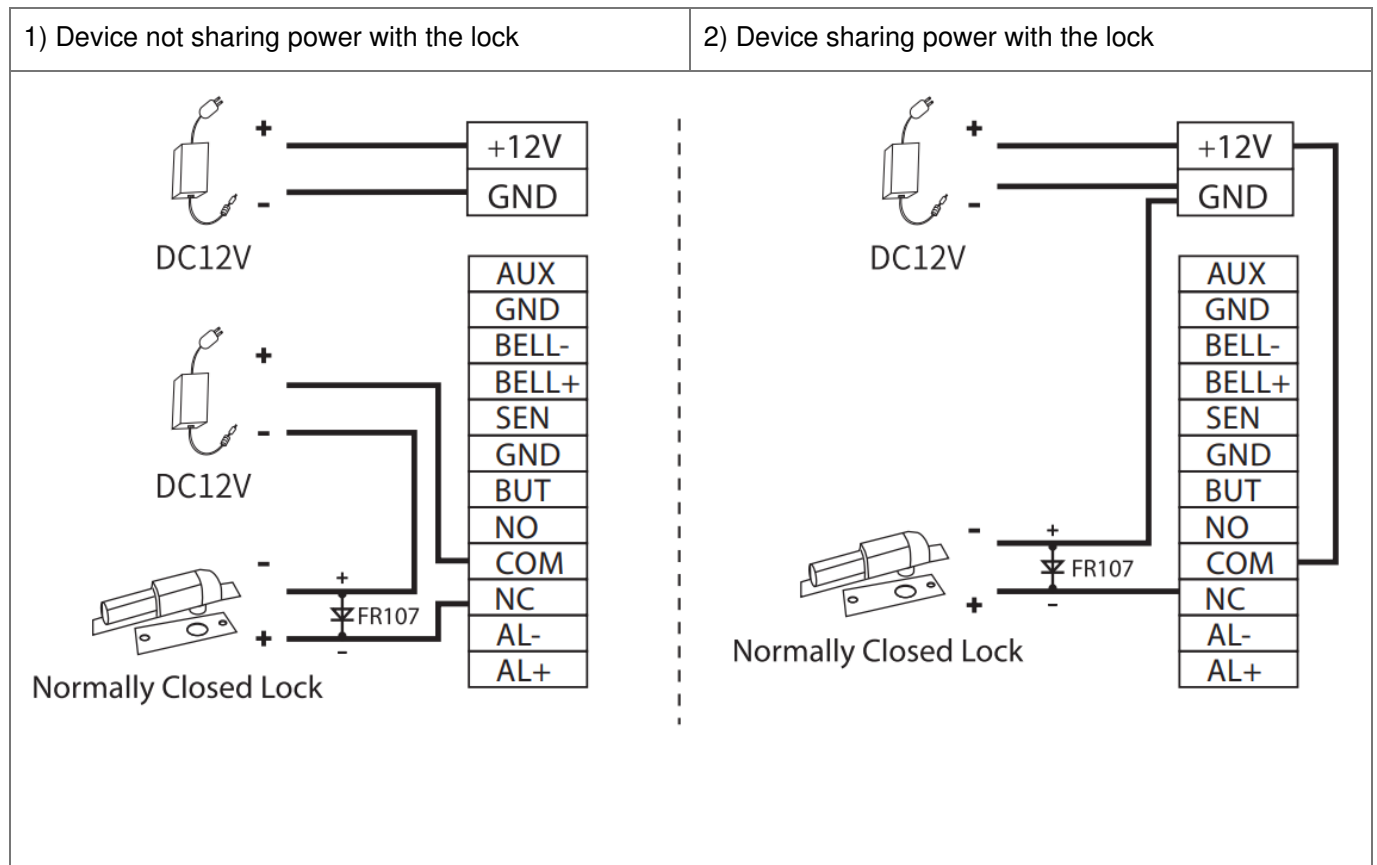
Door Sensor, Exit Button & Alarm Connection



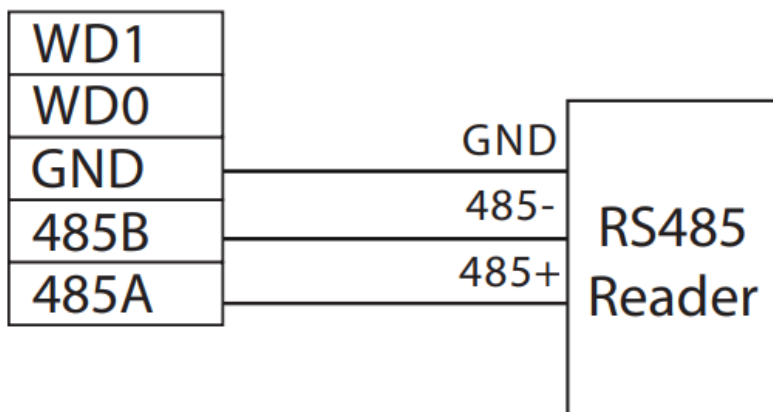
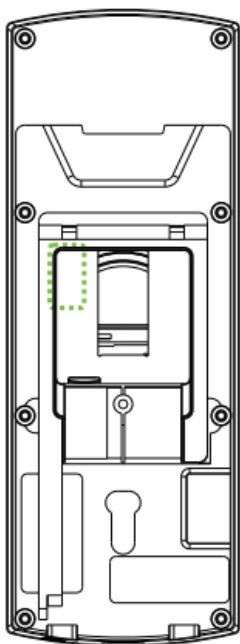
Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock.

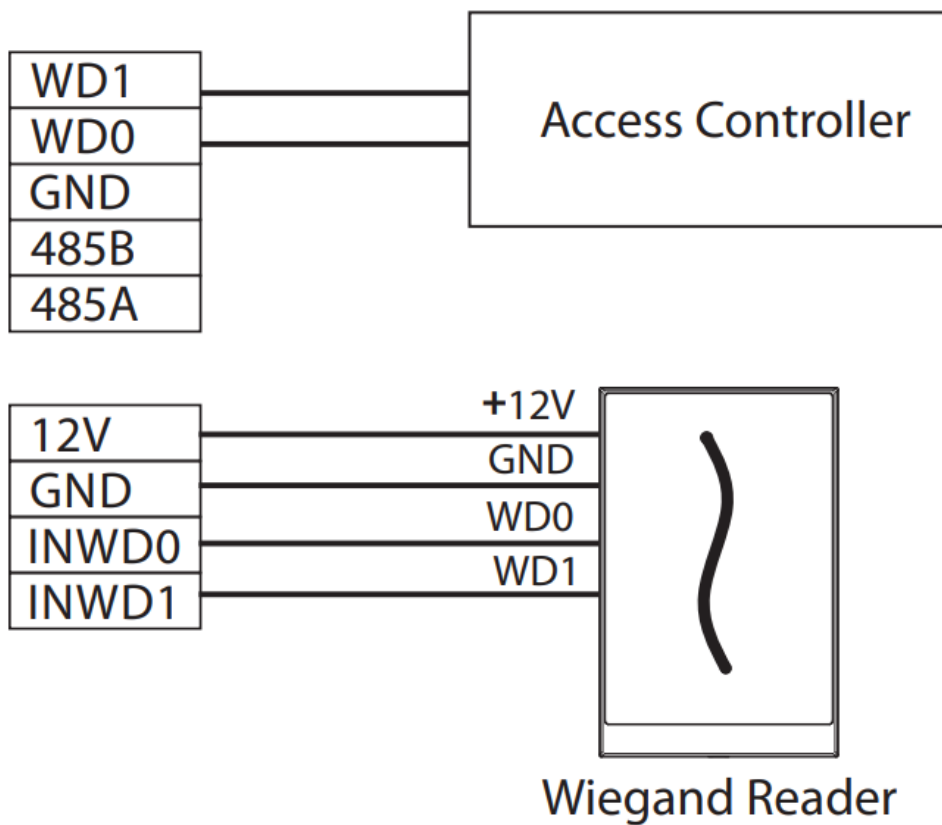
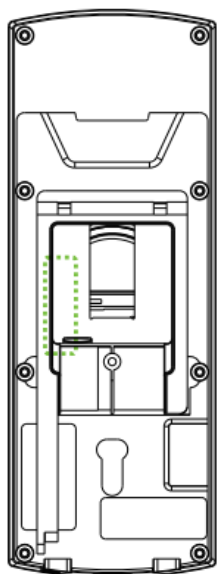
The NO LOCK (normally opened at power on) is connected with 'NO1' and 'COM' terminals, and the NC LOCK (normally closed at power on) is connected with 'NC1' and 'COM' terminals. Take NC Lock as an example below:



RS485 Connection



Wiegand Reader & Power Connection



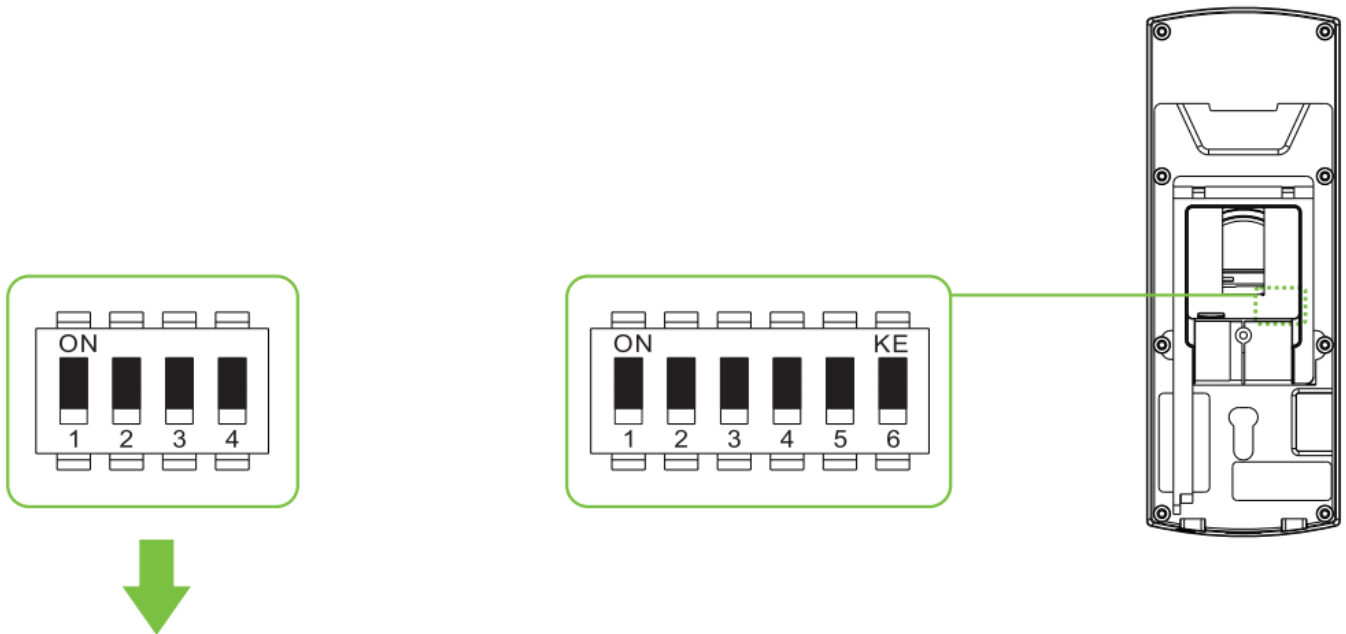
12V 3A DC

- Recommended power supply is 12V – 3A

- To share the power with other devices, use a power supply with higher current ratings.

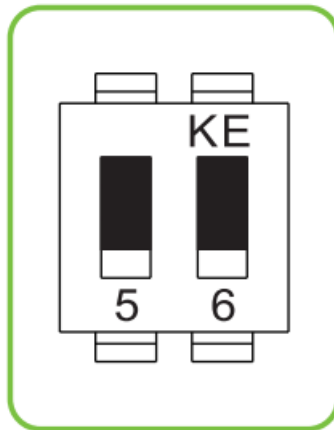
DIP Switch Connection

1. To prevent the interference, the last component in the RS485 bus is a 120 Euro resistor. That is turn the switch '6' (terminal resistor switch) to 'ON'.
2. The RS485 terminal no. is shown in the PC software. You can change it as follows. (The default switch state is 'OFF') .



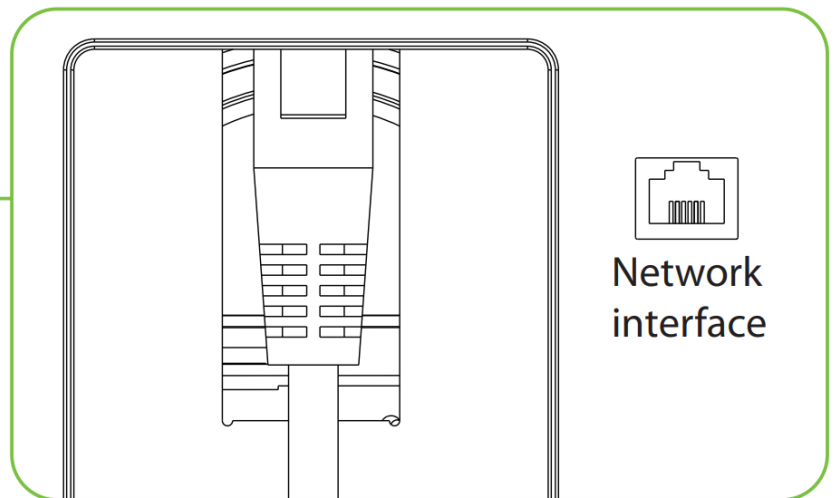
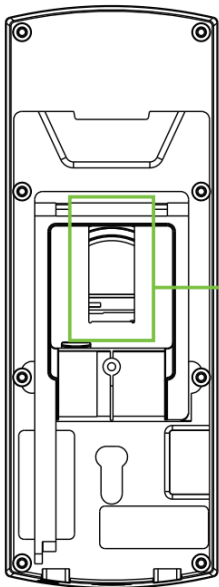
NO.	1	2	3	4	RS485 Reader ID
Switch	OFF	OFF	OFF	OFF	0
	ON	OFF	OFF	OFF	1
	OFF	ON	OFF	OFF	2
	OFF	OFF	ON	OFF	4
	...				
	ON	ON	ON	ON	15

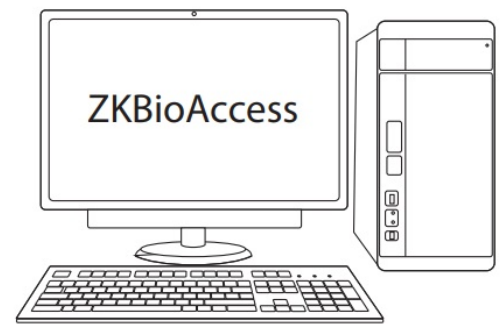
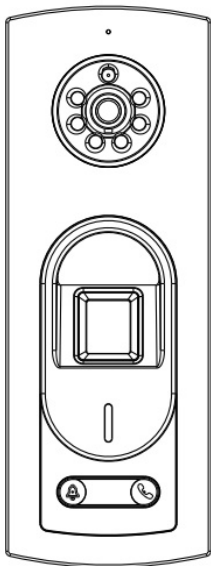
NO.	5		6
Switch	ON		OFF
Model	All-in-one & Wiegand reader		Terminal Resistor



Note: As an all-in-one mode, you can connect an external RS485 reader. When it is used in RS485 reader mode, it needs to be used with a 6-bit DIP switch. The first to fourth digits are used to set the RS485 address, port 5 is used to switch the modes, and port 6 is to set the state of terminal resistor.

Ethernet Connection





Note: In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to ZKBioAccess software.

User Registration

Register on ZKBioAccess software

1. Click **[Access] > [Access Device] > [Device] > [Search Device]** to add the device to the software.

The device can be added automatically once the server address and port have been configured on the computer.

Step 1: Click **[Search Device]** in the toolbar.

Step 2: The search progress bar shows 100% completion. Searched devices count: 1.

IP Address	MAC Address	Subnet Mask	Gateway Address	Serial Number	Device Type	Set Server	Operation
192.168.213.79		255.255.255.0	192.168.213.1				Add

Step 3: Click **Add** in the Operation column.

Step 4: The **Add** dialog box is shown with the following fields:

- Device Name *: 192.168.213.79
- Icon Type *: Door
- Area *: Area Name
- Add to Level: -----
- Clear Data in the Device when Adding: ☐

Warning: [Clear Data in the Device when Adding] will delete data in the device(except event record), please use with caution!

Buttons: **OK** (Step 4), **Cancel**

2. Click **[Personnel] > [Person] > [New]** to register new users in the software.

3. Add users to access levels.
4. Click **[Access] > [Device] > [Device Control] > [Synchronize All Data to Devices]**.

For more details, please refer to the ZKBioAccess User Manual.

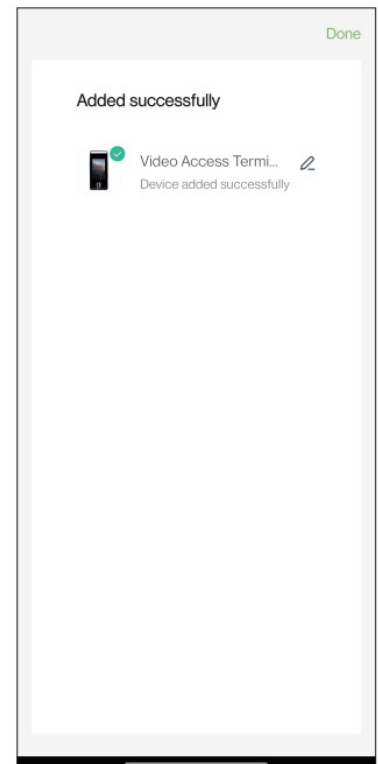
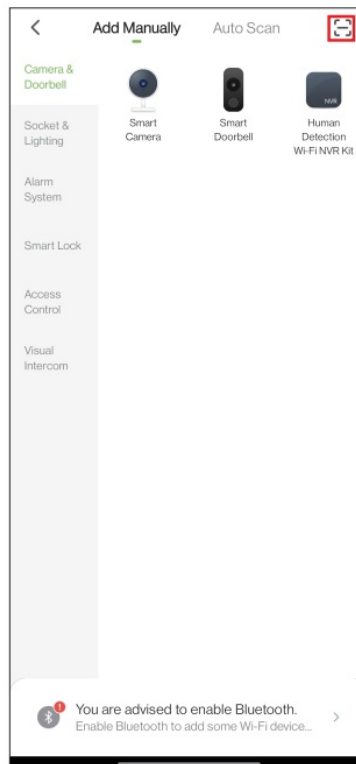
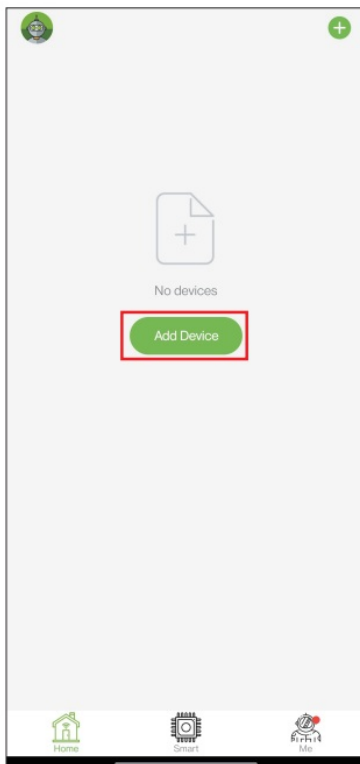
Connect to ZSmart

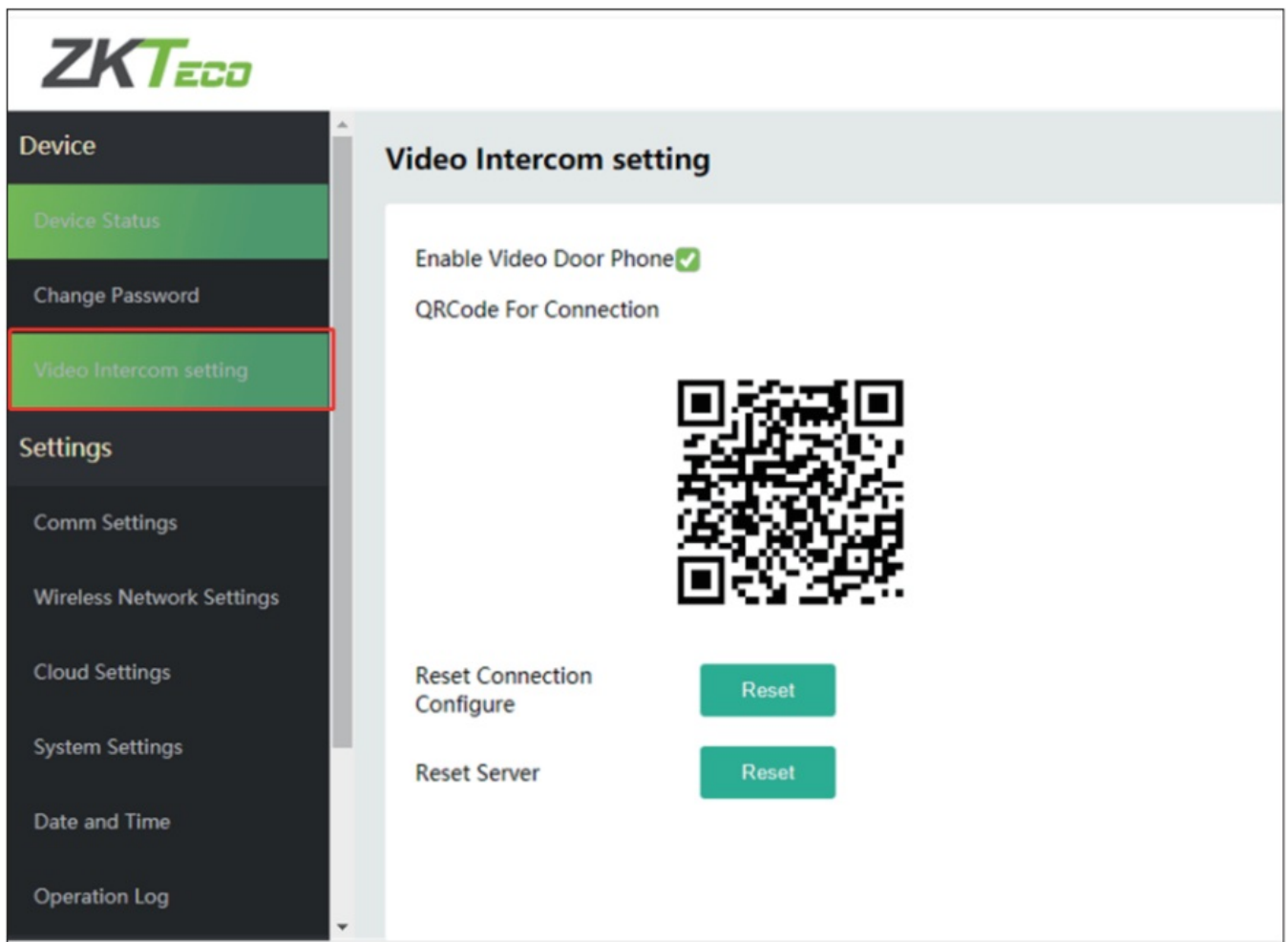
Users can use the ZSmart App for video intercom.

Connect to ZSmart App

After downloading and installing the ZSmart App on the phone, open it and add the device by scanning the QR code on the back cover of the device or scan the

Video Intercom QR Code in **[Device]> [Video Intercom setting]** on the web application of the device. The process is as follows:




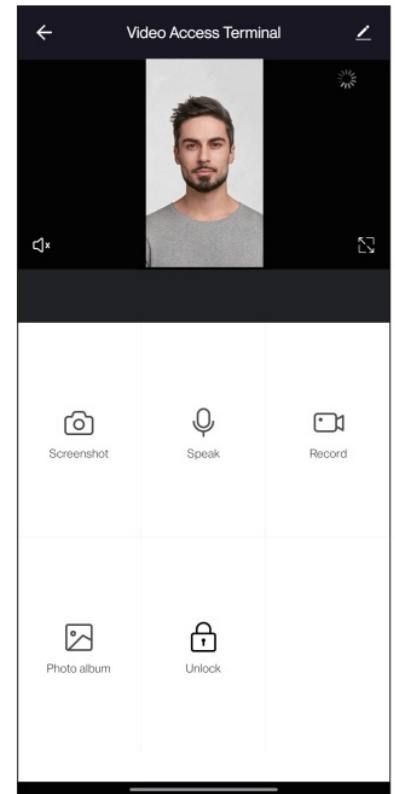
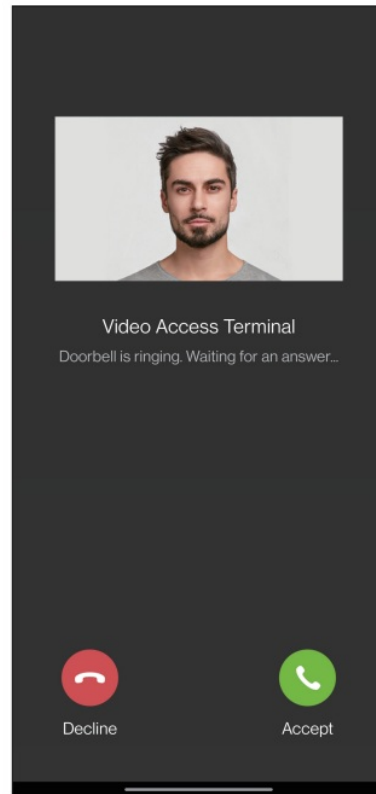
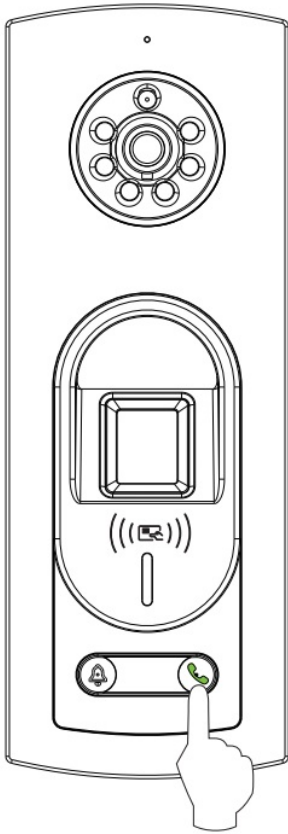


<https://t.tuya.com/1D0rJVh1>

Video Door Phone Connection



Visitors press the  on the device to make a call and the phone will ring. The user can accept or decline the call. After the user accepts the call, it will open the video door phone interface.

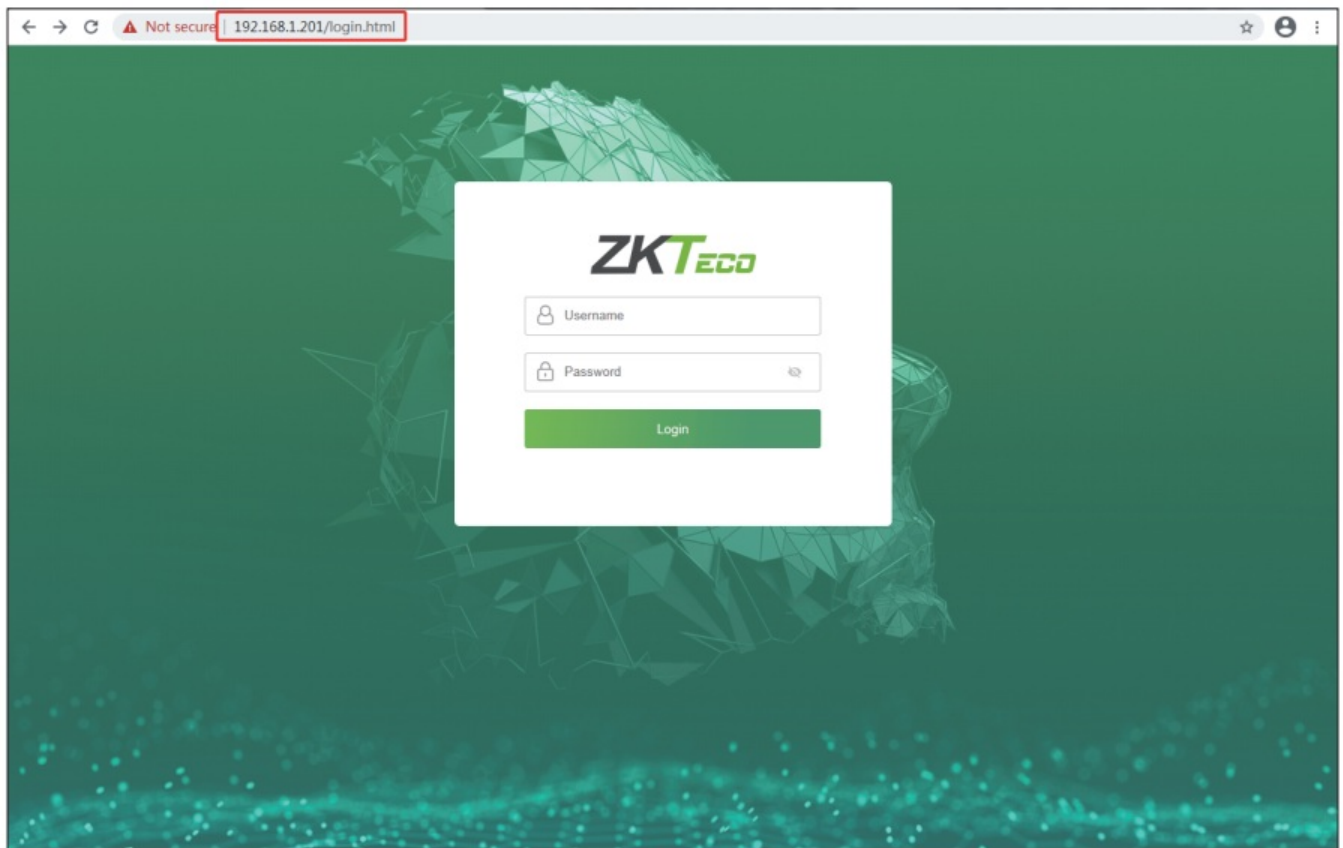


Webserver

The user can enter the web application to set the relevant parameters of the device.

Fox example: Comm Settings, Wi-Fi Settings, Cloud Settings, System Settings, Date and Time etc.

First connect the device to the Internet. Open a browser and input the link: [https://IP address \(the device\) to enter the login interface. \(e.g The default IP address of the device is 192.168.1.201, the webserver link is https://192.168.1.201.\)](https://IP address (the device) to enter the login interface. (e.g The default IP address of the device is 192.168.1.201, the webserver link is https://192.168.1.201.))



Enter the Username and Password.

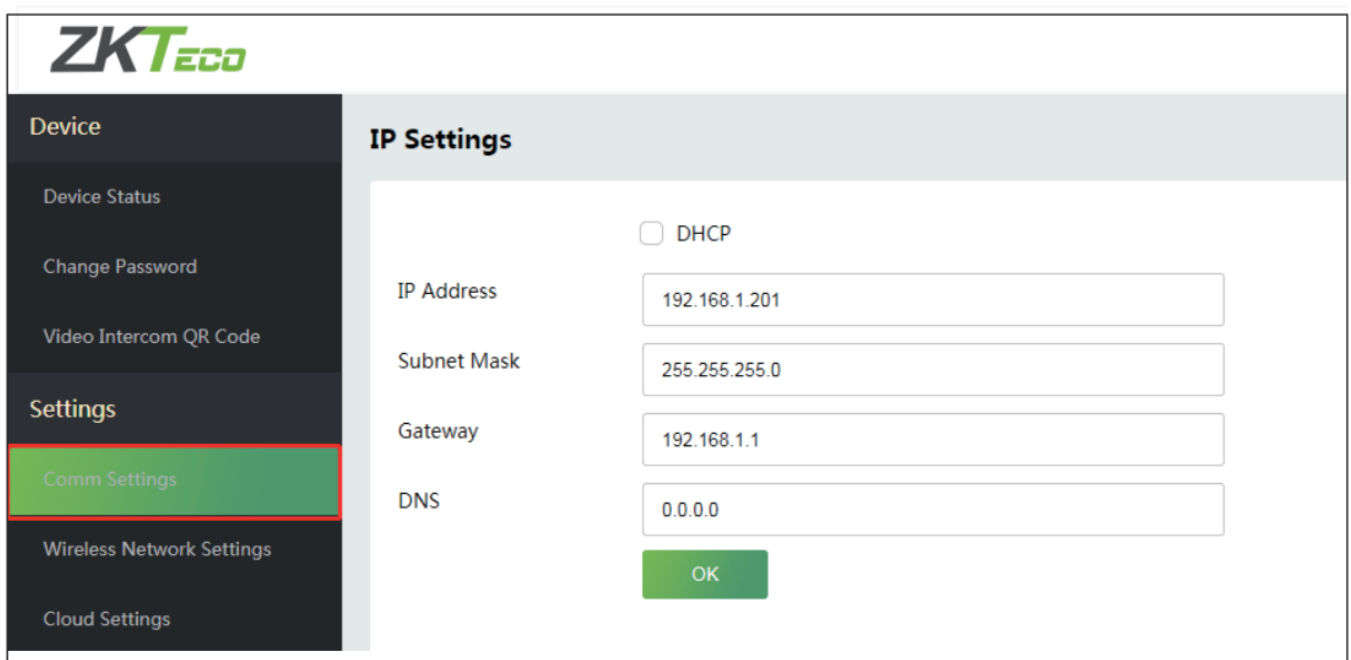
Username: admin (default)

Password: admin@123 (default)

The Password must be changed when logging in for the first time.

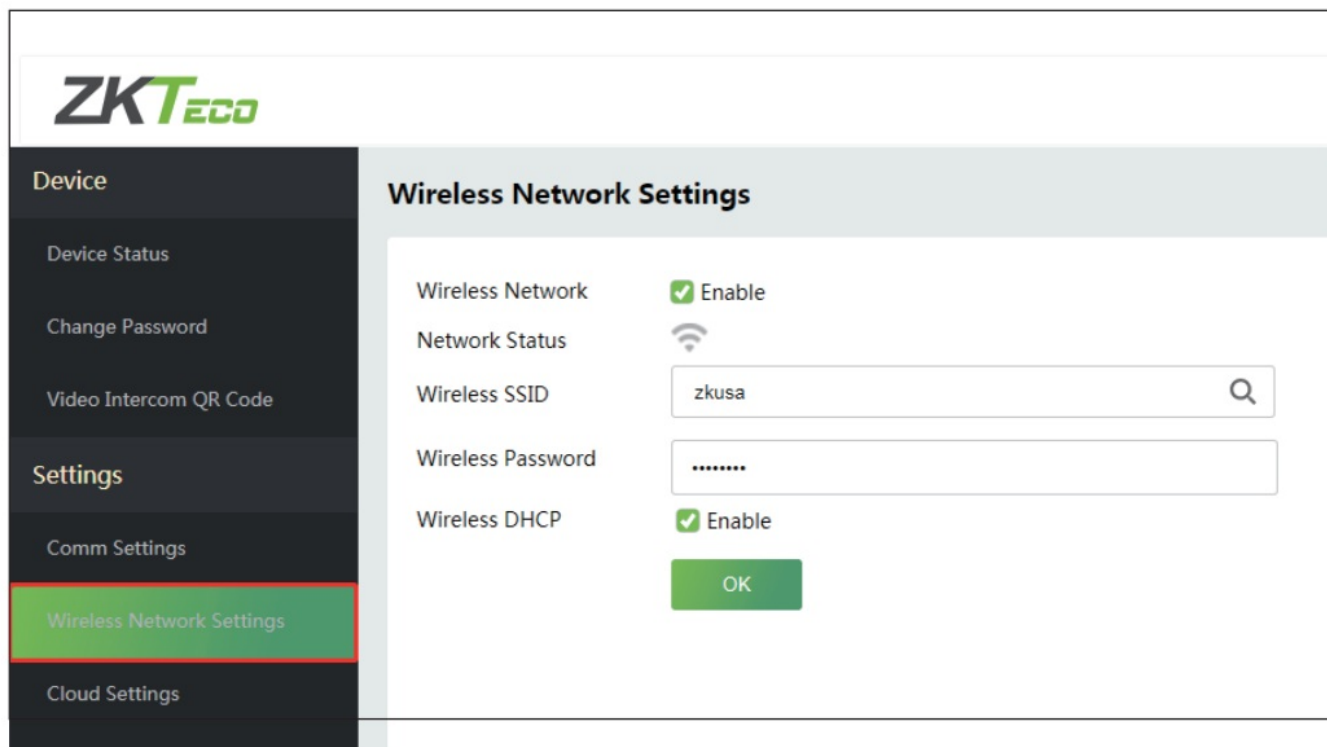
Comm & Wi-Fi & Cloud Settings

Click **[Device]>[Comm Settings]** to set the network parameters.



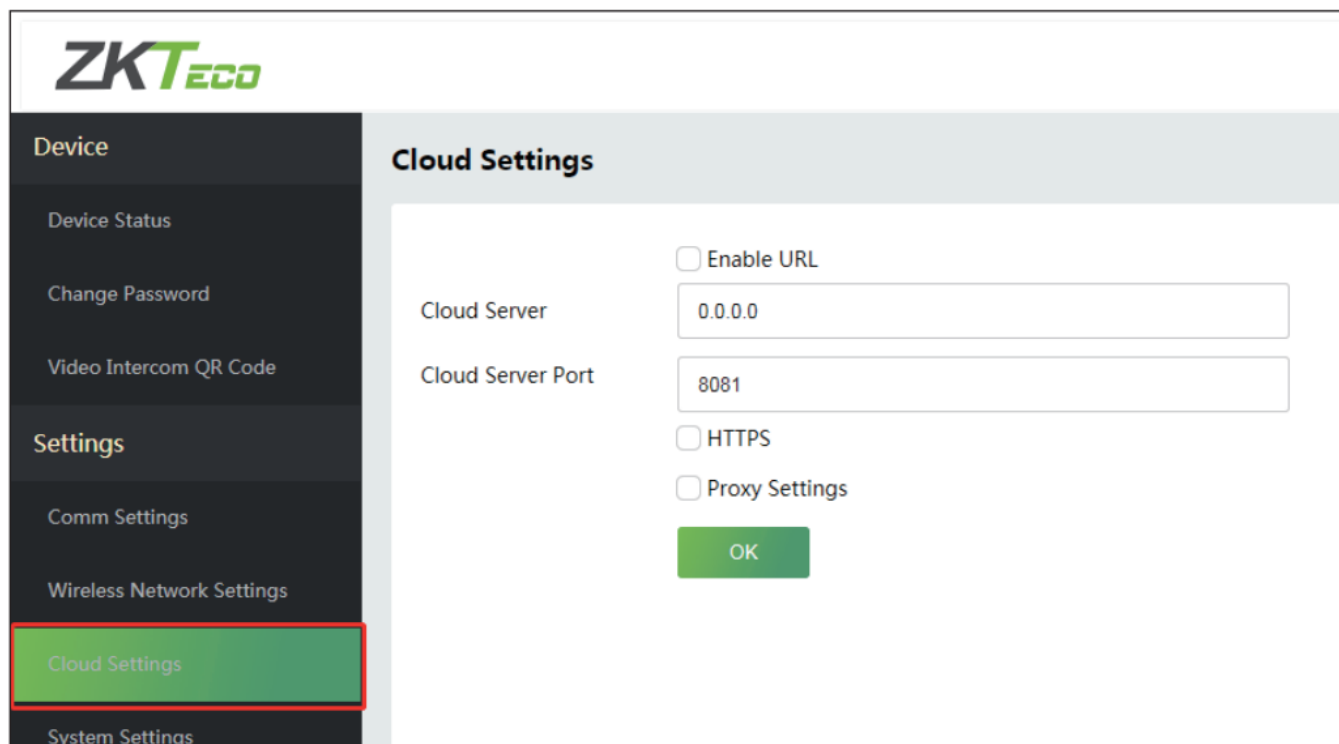
Click **[Device]>[Wireless Network Settings]** to enable the Wi-Fi function, set the SSID and enter the password.

If the Wi-Fi is successfully connected, it will display the  symbol.



The screenshot shows the ZKTeco web interface. On the left, a dark sidebar contains a 'Device' section with 'Device Status', 'Change Password', and 'Video Intercom QR Code'. Below this is a 'Settings' section with 'Comm Settings', 'Wireless Network Settings' (highlighted with a red border), and 'Cloud Settings'. The main area is titled 'Wireless Network Settings' and contains the following fields: 'Wireless Network' with a checked 'Enable' checkbox; 'Network Status' with a Wi-Fi symbol; 'Wireless SSID' with a text box containing 'zkusa' and a search icon; 'Wireless Password' with a masked text box; and 'Wireless DHCP' with a checked 'Enable' checkbox. A green 'OK' button is at the bottom right.

Click **[Device]>[Cloud Server Settings]** to set the server address and server port, that is, the IP address and port number of the server after the software is installed.



The screenshot shows the ZKTeco web interface with the 'Cloud Settings' page selected in the sidebar (highlighted with a red border). The main area is titled 'Cloud Settings' and contains the following fields: 'Enable URL' with an unchecked checkbox; 'Cloud Server' with a text box containing '0.0.0.0'; 'Cloud Server Port' with a text box containing '8081'; 'HTTPS' with an unchecked checkbox; and 'Proxy Settings' with an unchecked checkbox. A green 'OK' button is at the bottom right.

For more details, please refer the Notus User Manual.



<https://www.zkteco.com/en/>

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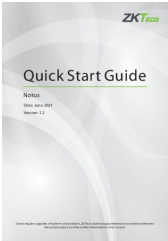
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Documents / Resources

	<p>ZKTECO Notus RFID and Fingerprint Access Control Terminal [pdf] User Guide Notus RFID and Fingerprint Access Control Terminal</p>
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References

- [ZKTeco | Home Page](#)

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