Quick Start Guide

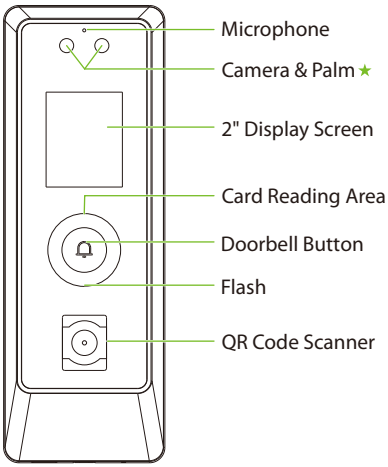
ProMA Series

Version: 2.2

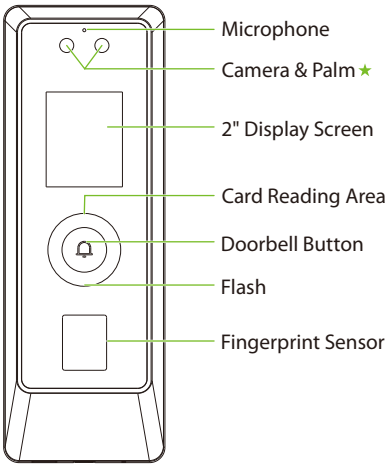
Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

1 Product Overview

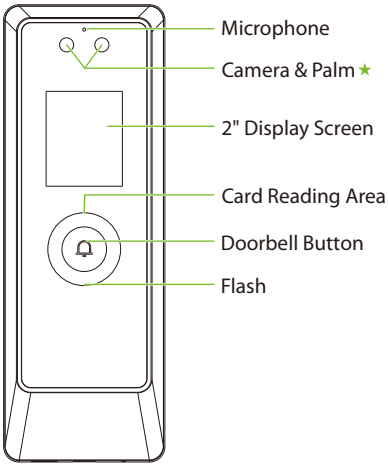
ProMA-QR

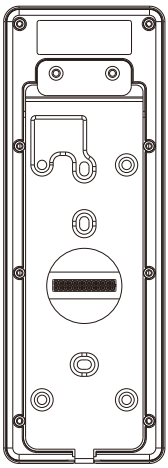


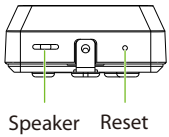
ProMA



ProMA-RF





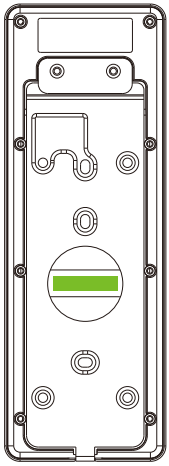


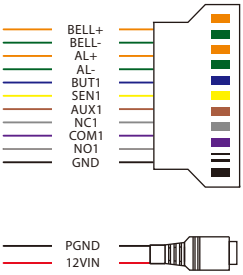
***Note*:**

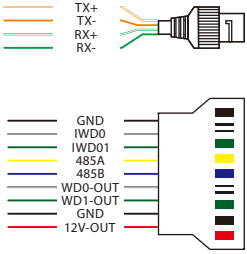
1. ProMA-QR has an additional QR code recognition function than ProMA-RF, ProMA has an additional fingerprint recognition function than ProMA -RF, and the rest are the same.

2. Not all products have the function with★ , the real product shall prevail.

2 Terminal Block



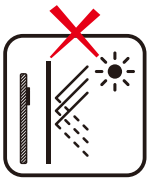




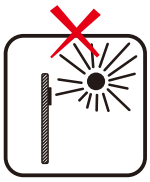
3 Installation Environment

Please refer to the following recommendations for installation.

INSTALL INDOORS ONLY



AVOID INSTALLATION NEAR GLASS WINDOWS



AVOID DIRECT SUNLIGHT AND EXPOSURE

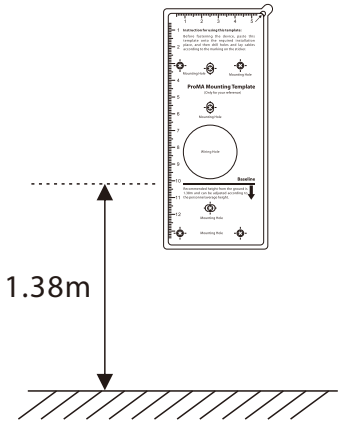
AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

4 Device Installation

ProMA series installation are the same, the following is an example of ProMA.

① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
② Fix the backplate on the wall using wall mounting screws.
③ Attach the device to the backplate.
④ Fasten the device to the backplate with a security screw.

1



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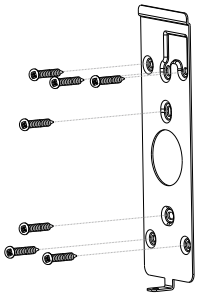

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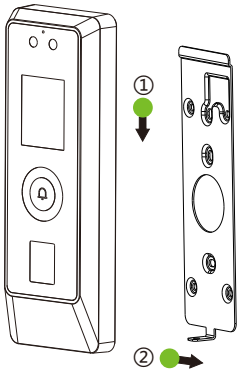
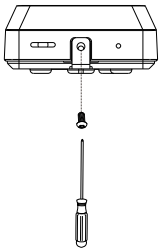
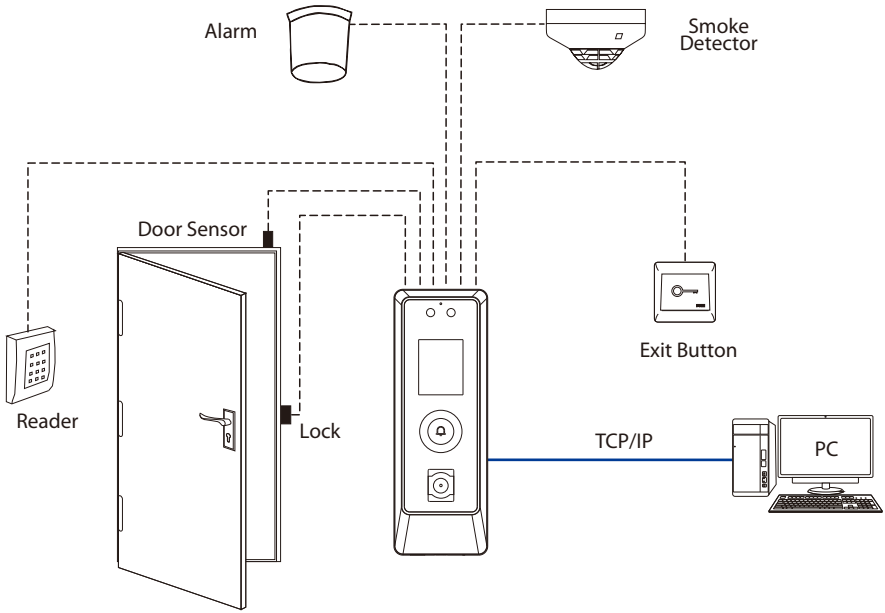


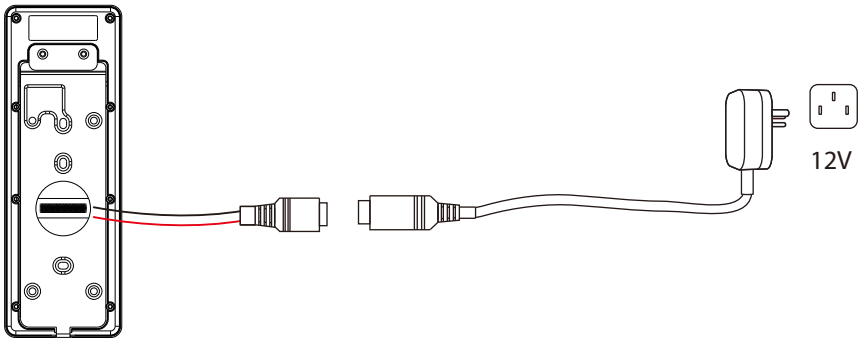
4



5 Standalone Installation



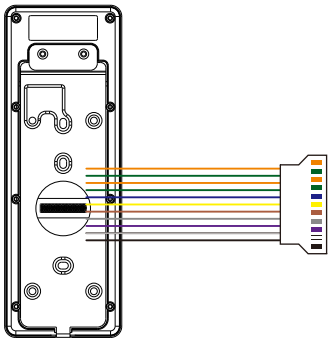
6 Power Connection

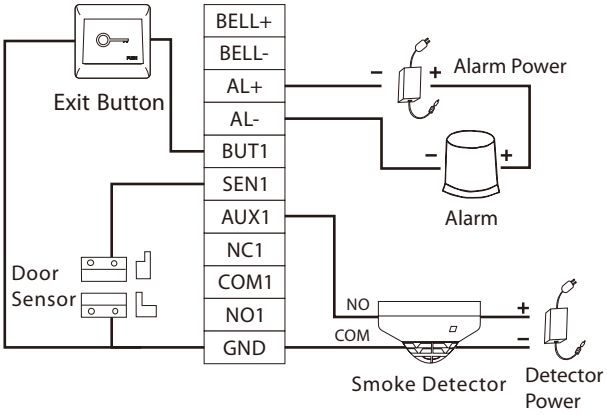


Recommended power supply

- Rating of 12V and 3A
- To share the device's power supply with other devices, use a power supply with higher current ratings.

7 Door Sensor, Exit Button, Alarm and Auxiliary Connection

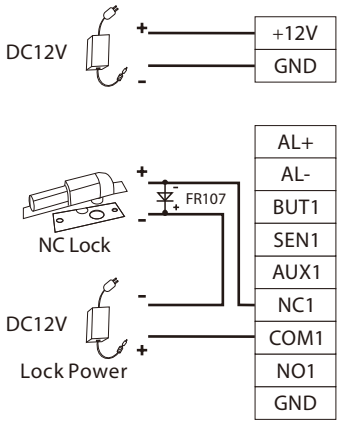




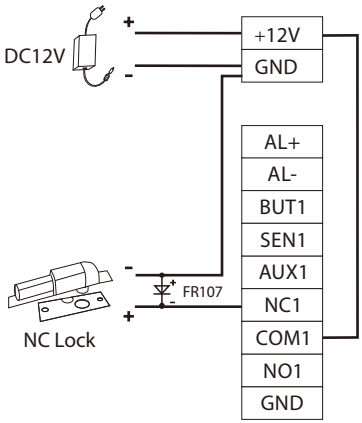
8 Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (normally opened when powered) is connected with '**NO**' and '**COM**' terminals, and the **NC Lock** (normally closed when powered) is connected with '**NC**' and '**COM'** terminals. The power can be shared with the lock or can be used separately for the lock, as shown in the example with **NC Lock** below:

1) Device not sharing power with the lock

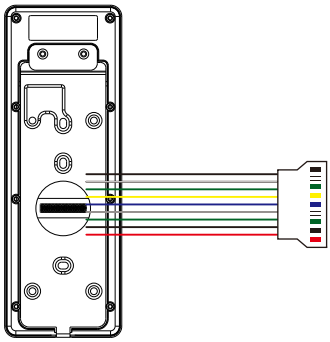


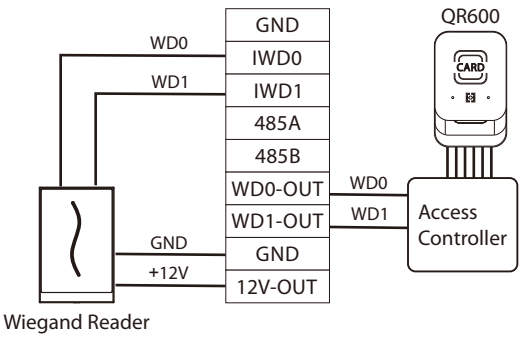
2) Device sharing power with the lock



9 Wiegand Connection

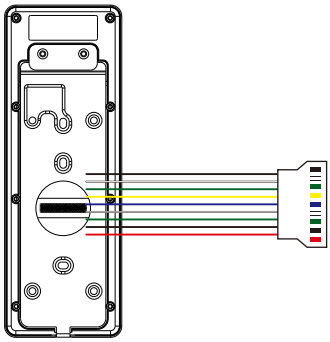
Wiegand card reader connects to the top 4 pins of the wiegand terminal and the last two pins are used by the Access Controller, as shown in the following figure. It sends the credentials to the device via wiegand communication.

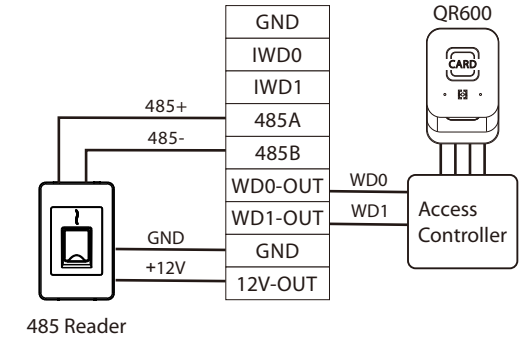




10 RS485 Connection

The RS485 lets user connect to multiple readers to the device. RS485 can be connected to the terminal, as shown in the figure below.

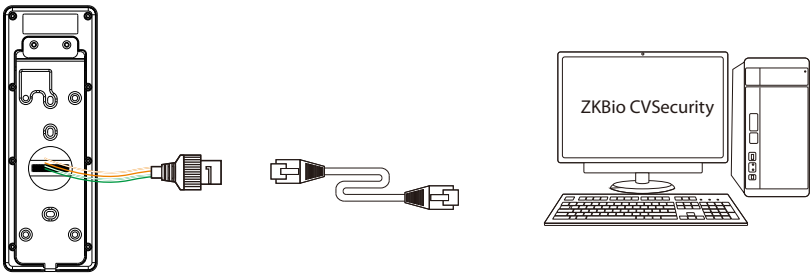




Note: The QR600 reader is a feature unique to ProMA-QR. For details, please refer to *QR600 Code Reader Quick Start Guide*.

11 Ethernet Connection

Connect the device and computer software over an Ethernet cable. An example is shown below:



Default IP address: 192.168.1.201
Subnet mask: 255.255.255.0

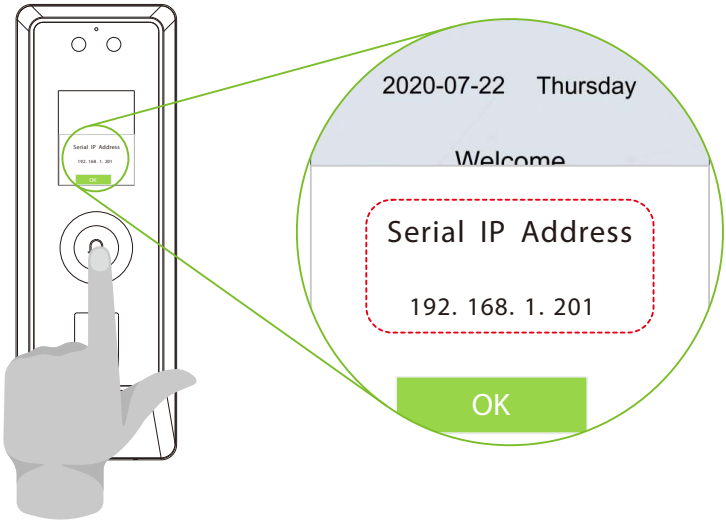
IP address: 192.168.1.130
Subnet mask: 255.255.255.0

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

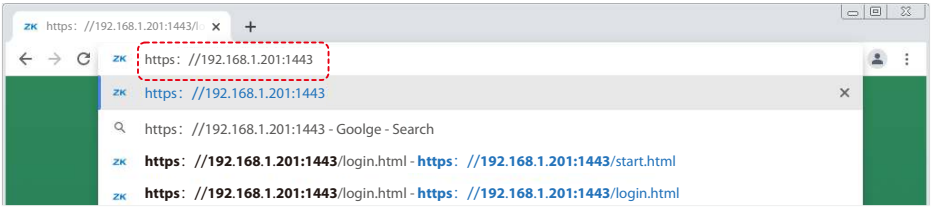
12 Login WebServer

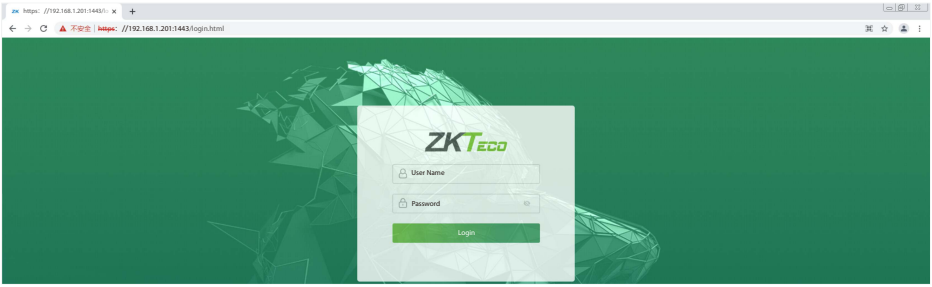
All operations such as device information, communication settings, user management and system settings are operated and set up on WebServer.

1. Press and hold the Doorbell button of the device until the IP pops up.

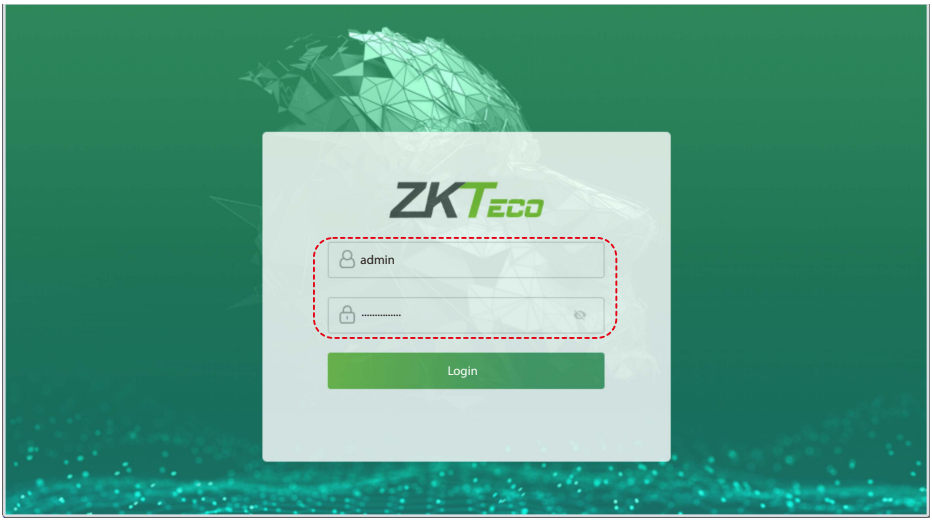


2. Open a browser to enter the address to log in the WebServer, the address is the https:// **Serial IP Address:1443**, for example: **https://192.168.1.201:1443**.





3. Enter the account ID and password, the default account ID is: **admin**, password: **admin@123**.



Note:

1. After logging in for the first time, users need to reset their original password and log in again before they can use it.

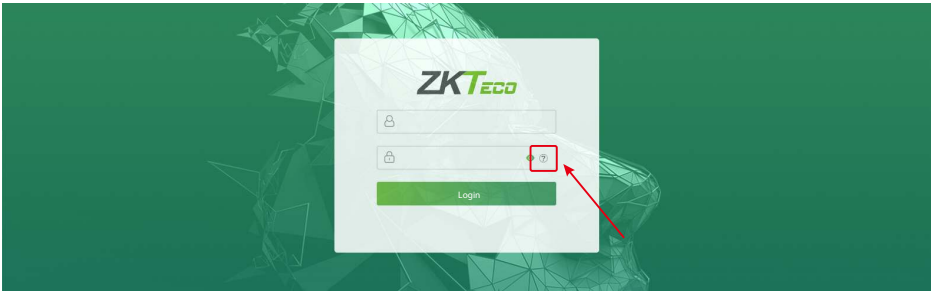
2. In order to retrieve the password easily, please register a super admin first.

13 Forgot Password

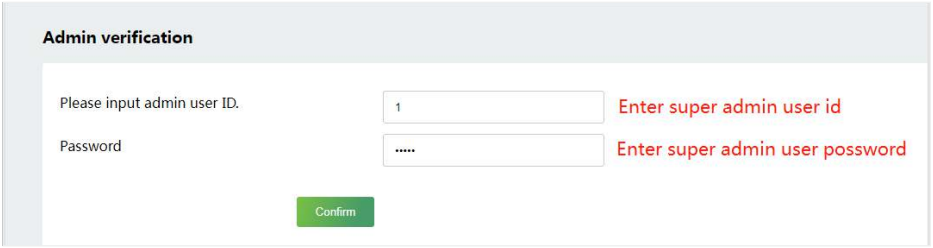
Method 1 (When there is a super admin):

If you forgot the password of WebServer, the registered super admin can reset it for you.

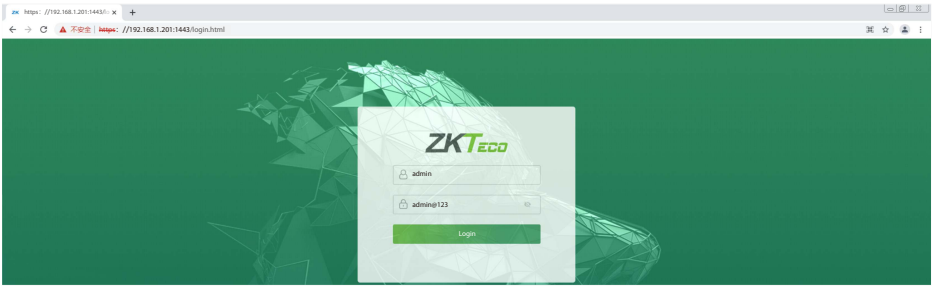
1. Click the icon on the login interface.



2. On the pop-up page, enter the relevant information of the super admin user as prompted.



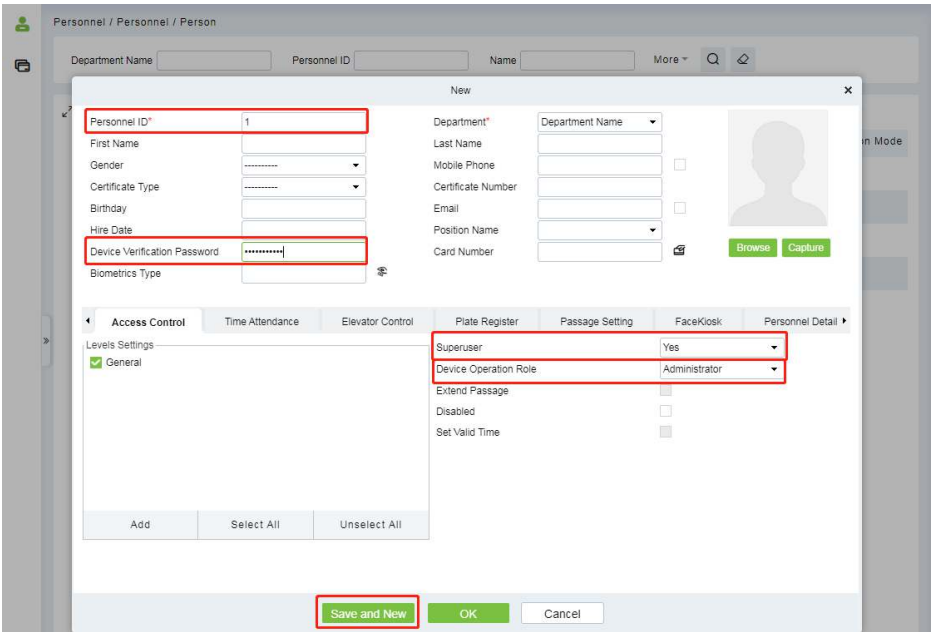
3. After a successful reset, enter the default account and password (account: **admin**, password: **admin@123**) on the login interface to log in.



Method 2 (When there is no super admin):

If the network of the device is normal and ZKBio CVSecurity has been connected, you can reset the password by sending the super admin account and password from the server.

1. Click **[Personnel]** > **[Person]** > **[New]** on the ZKBio CVSecurity. After registering the information of the super admin, click **Save and New**.



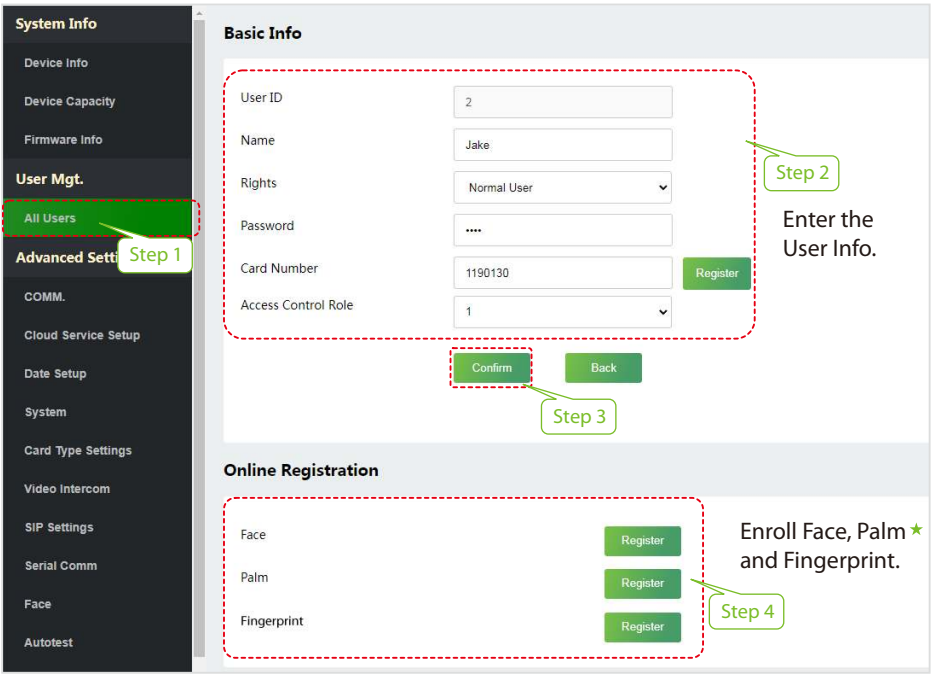
2. Click **[Access]** > **[Device]** > **[Control]** > **[Synchronize All Data to Devices]** to synchronize all the data to the device including the new users. After the data synchronization is successful, you can reset the password with the newly registered super admin. The operation steps are the same as method 1.

Method 3

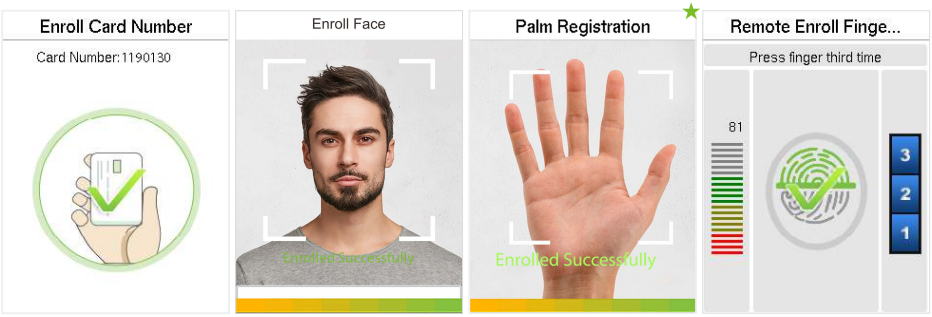
Please contact our after-sales technicians for help in recovering the password, If the device has not registered a super admin and cannot connect to the server.

14 User Registration

Click on **[All Users]** on the WebServer to register a new user. Settings include entering user ID, name, password, card number, face, palm★, fingerprint, setting user role and access control role.

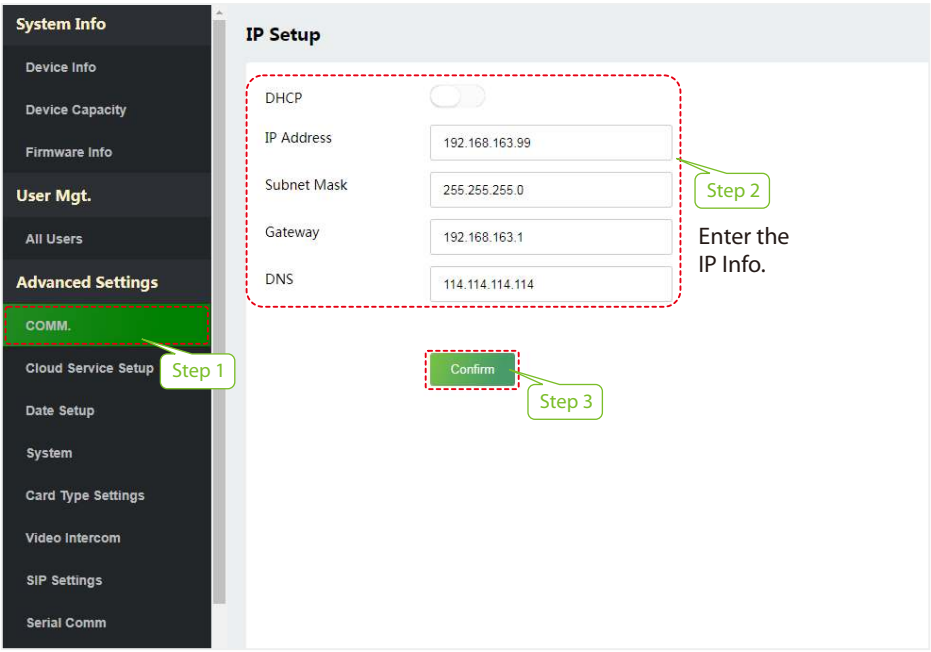


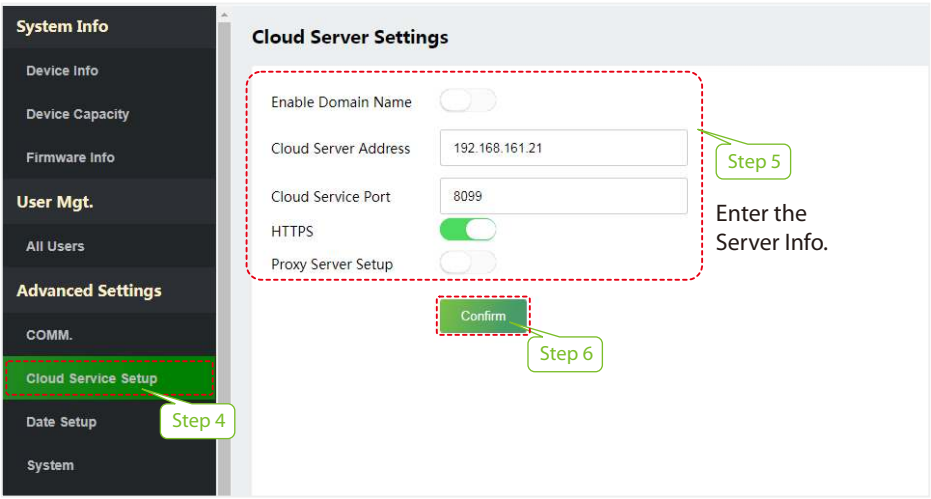
Click **[Register]** to complete the registration of face, palm★ and fingerprint.



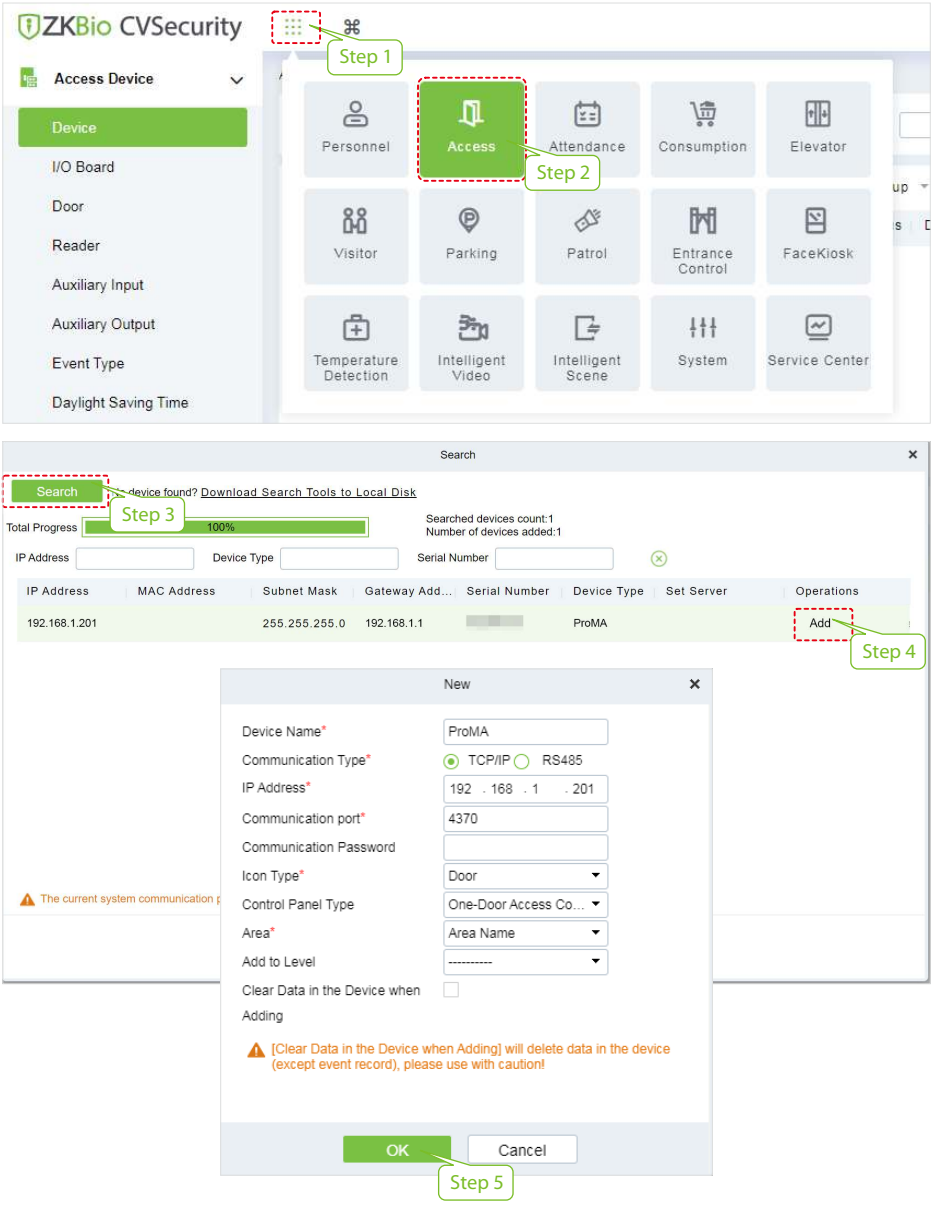
15 Connection to ZKBio CVSecurity Software

1. Set the IP address and cloud service server address in the **[Advanced Settings]** option on the WebServer.





2. Click [**Access**] > [**Access Device**] > [**Device**] > [**Search Device**] to search the device on the software. When an appropriate server address and port is set on the device, the searched devices are displayed automatically.

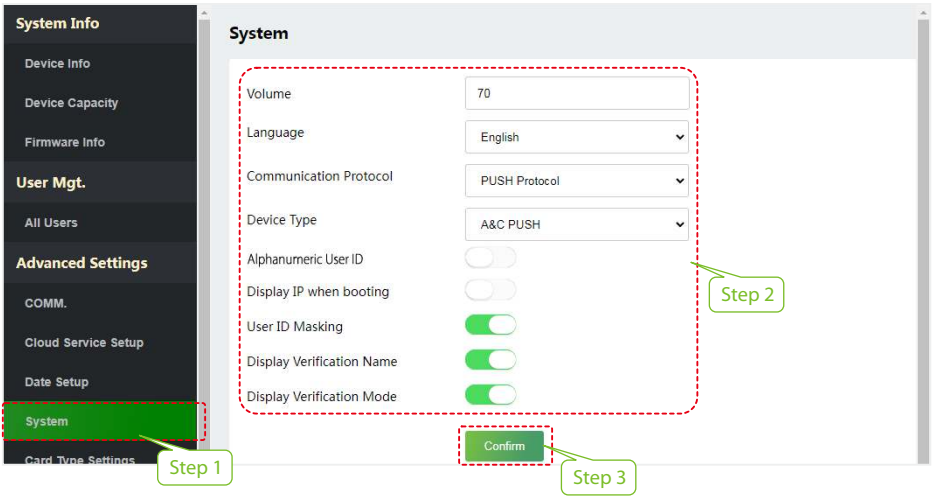


For more details, please refer to the *ZKBio CVSecurity V6600 User Manual*.

16 System Settings

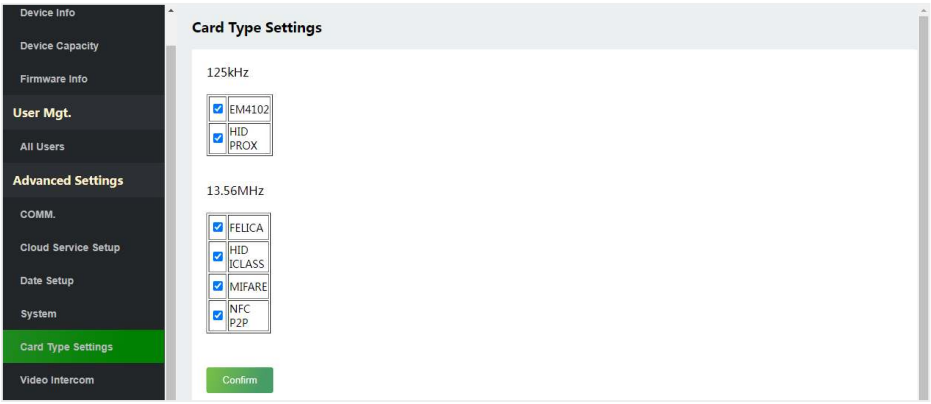
Click on **[System]** on the WebServer to set the volume, language, communication protocol and device type, select whether to enable/disable alphanumeric user ID, display IP when booting, user ID masking, display verification name and display verification mode.

Note: Device type to set the device as an access control terminal or attendance terminal. After changing the device type, the device will delete all the data and restart, and some functions will be adjusted accordingly.



17 Card Management

Click on **[Card Type Settings]** on the WebServer to select the corresponding card type according to your needs.



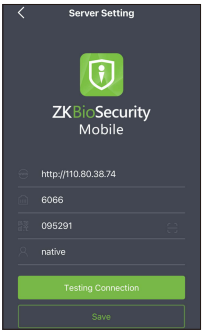
18 QR Verification★

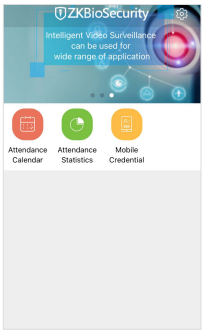
1. In **[System]** > **[Basic Management]** > **[Parameters]** of ZKBio CVSecurity software, set **Enable QR Code** to "Yes", and select the QR code status according to the actual situation.

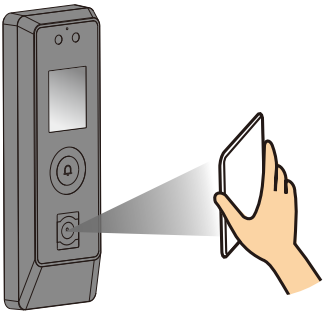
2. On the Server, choose **[System]** > **[Authority Management]** > **[Client Register]** to add a registered App client.

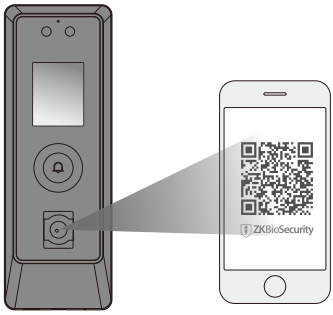
3. Open the App, enter the IP address or domain name of the server, and its port number, scan the QR Code of the new App client. After the connection is successful, tap on Employee to switch to Employee Login screen. Enter the Employee ID and Password (Default: 123456) to login.

4. Tap [**Mobile Credential**] on the App and a QR code will appear, parallel the phone screen to the device QR code scanner. For details, please refer to *ProMA Series User Manual*.









Note:

1. Place your phone within the range of **15 to 50 (cm)** from the device (distance depends on the size of the phone screen), and do not block the device QR code scanner and QR code in the phone screen.

2. This feature is only available for ProMA-QR.

3. The ProMA-QR supports Chilean and Argentinean ID PDF417 codes.

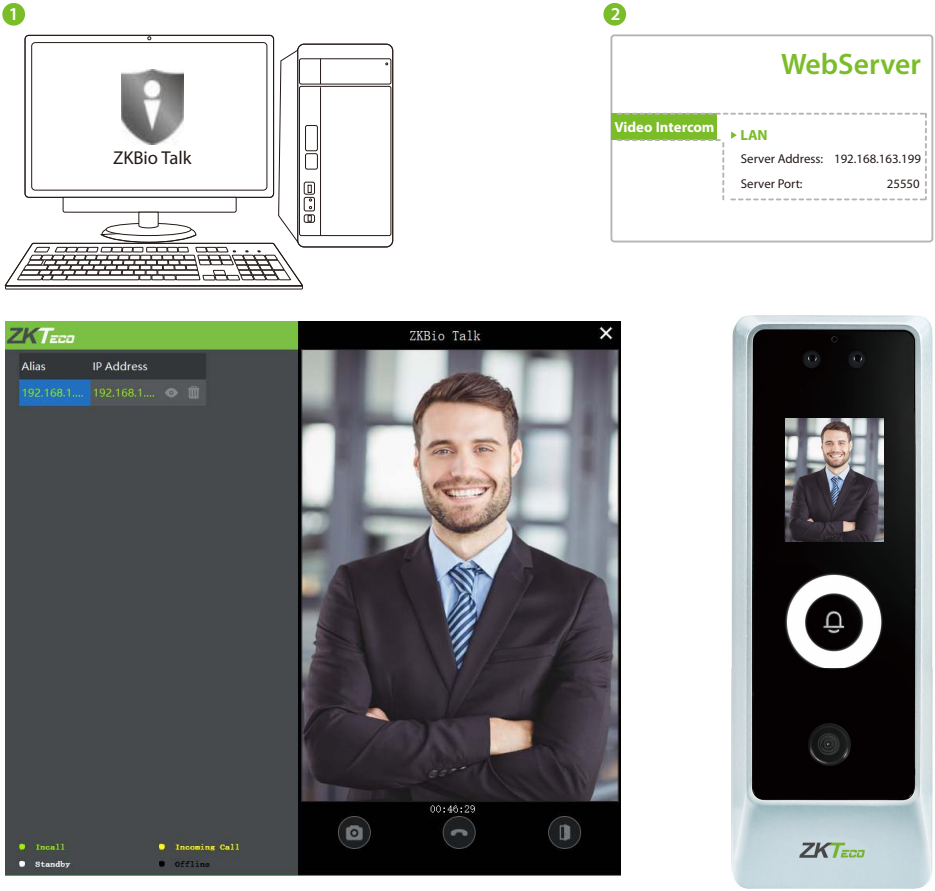
19 Connecting to Video Intercom ★

ZKBio Talk

1. After setting the LAN function parameters, download and install the ZKBio Talk software on the PC.

2. Set the server address and server port in the **[Video Intercom]** option on the WebServer.

When the device-side video intercom parameters are set correctly, the device automatically pushes the device list on the left, as shown in following figure.



For details, please refer to *ProMA Series User Manual*.

ZSmart

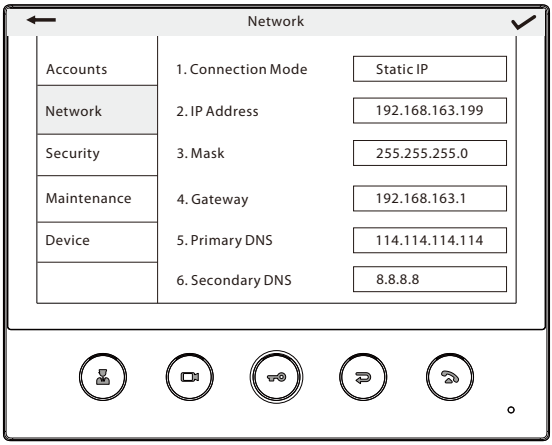
1. Download and install the ZSmart App on the phone.
2. Use the ZSmart to scan the QR code in the **[Video Intercom]** on the WebServer.

20 SIP Settings ★

This function needs to be used with the indoor station Vpad A2.

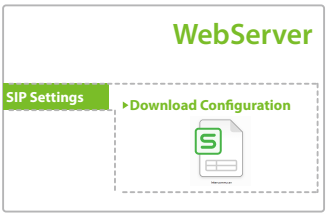
Local Area Network Use

1. Set the IP address on the indoor station.

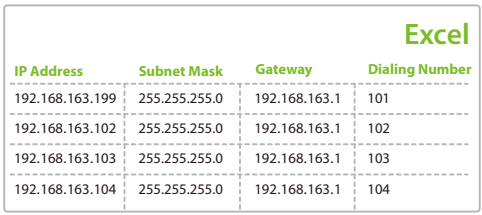


2. Configure SIP parameters for ProMA on the Webserver.

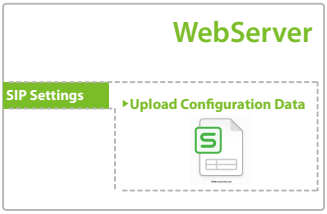
1



2



3



4

Note: In LAN, the IP addresses of the indoor station and the ProMA must be in the same network segment.

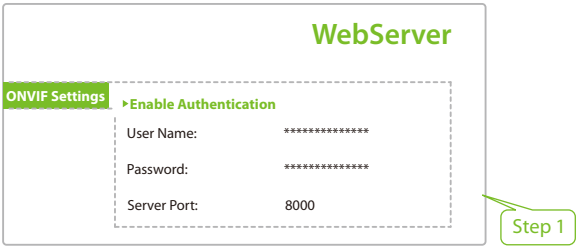
SIP Server

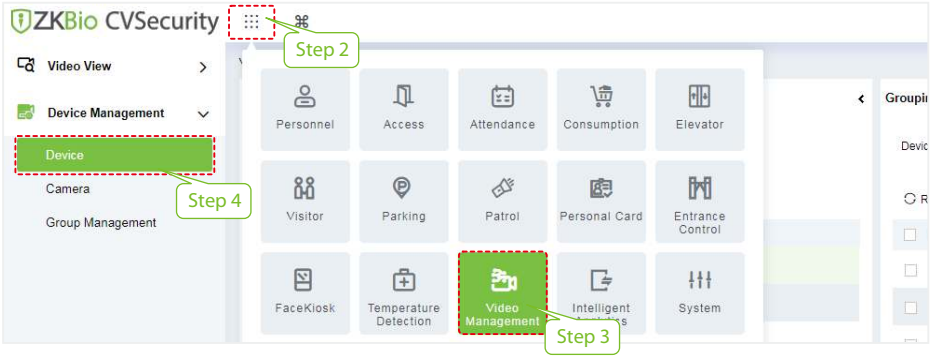
On WebServer, enable SIP Server, and enter the server parameters for the indoor station Vpad A2.

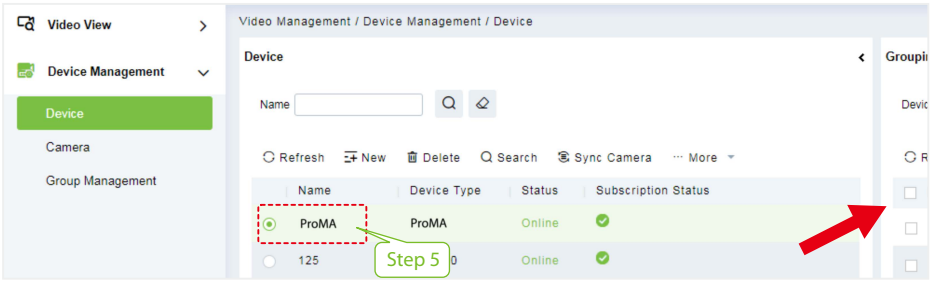
21 Onvif Settings

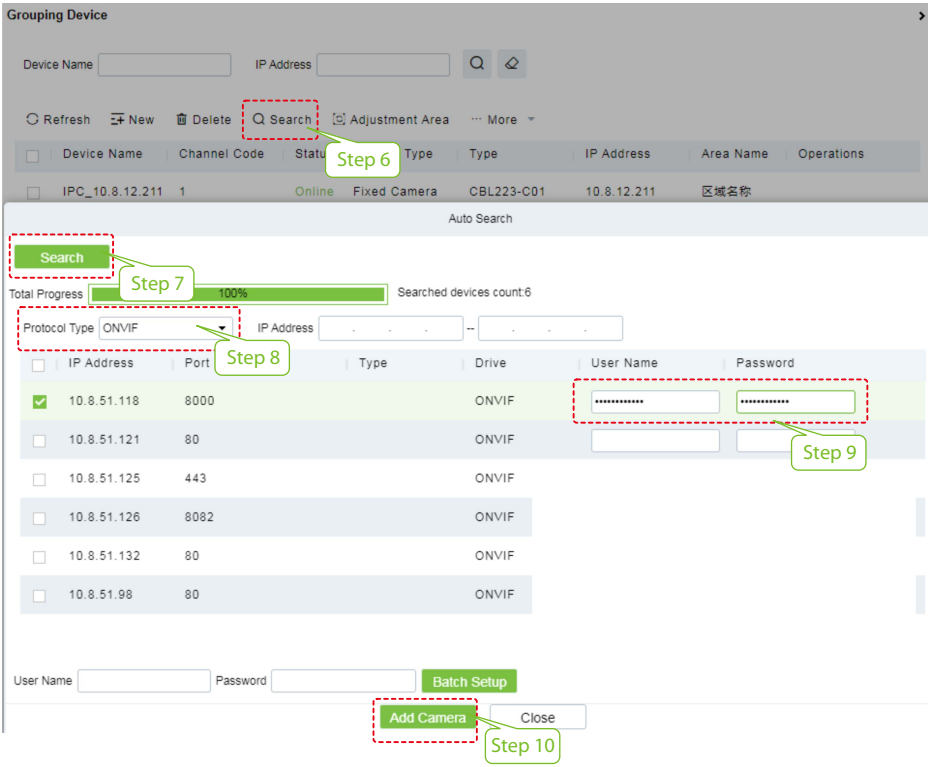
This function needs to be used with the network video recorder (NVR).

After network video recorder (NVR) is configured with ZKBio CVSecurity, set ProMA to the same network segment as the NVR. In the device list, click **[Search]** > **[Start Search]** on the ZKBio CVSecurity, the NVR automatically search to the same LAN device through the network cable, add it.








Grouping Device
Device Name
IP Address
Refresh
New
Delete
Search
Adjustment Area
More
Step 6
Device Name
Channel Code
Type
IP Address
Area Name
Operations
IPC_10.8.12.211
1
Online
Fixed Camera
CBL223-C01
10.8.12.211
区域名称
Auto Search
Search
Step 7
Total Progress
100%
Searched devices count:6
Protocol Type
ONVIF
IP Address
Step 8
IP Address
Port
Type
Drive
User Name
Password
10.8.51.118
8000
ONVIF
10.8.51.121
80
ONVIF
Step 9
10.8.51.125
443
ONVIF
10.8.51.126
8082
ONVIF
10.8.51.132
80
ONVIF
10.8.51.98
80
ONVIF
User Name
Password
Batch Setup
Add Camera
Close
Step 10

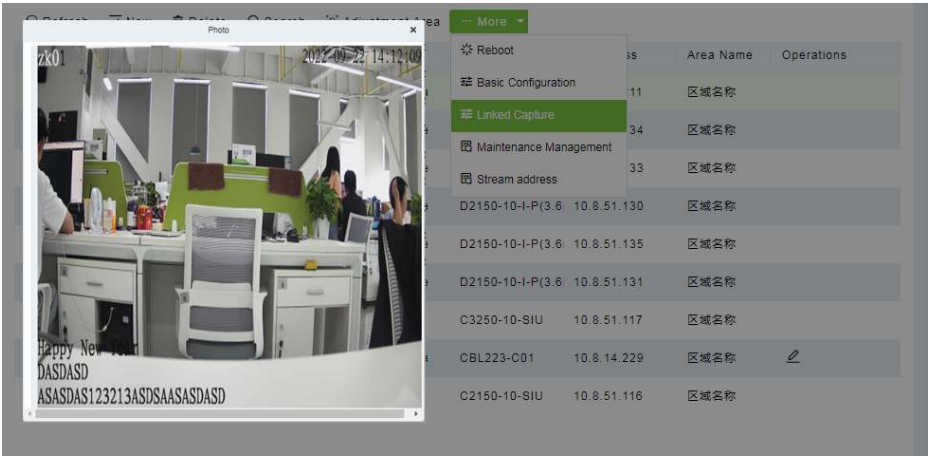


Photo
More
Reboot
Basic Configuration
Linked Capture
Maintenance Management
Stream address
Area Name
Operations
DASDASD
ASASDAS123213ASDSAASASDASD
D2150-10-I-P(3.6
10.8.51.130
区域名称
D2150-10-I-P(3.6
10.8.51.135
区域名称
D2150-10-I-P(3.6
10.8.51.131
区域名称
C3250-10-SIU
10.8.51.117
区域名称
CBL223-C01
10.8.14.229
区域名称
C2150-10-SIU
10.8.51.116
区域名称

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