

# Quick Start Guide

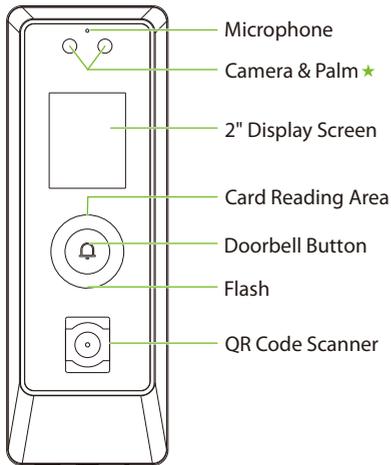
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ProMA Series

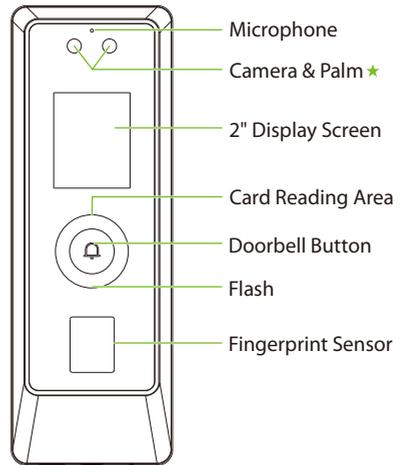
Version: 2.2

# 1 Product Overview

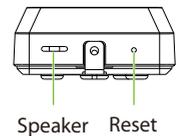
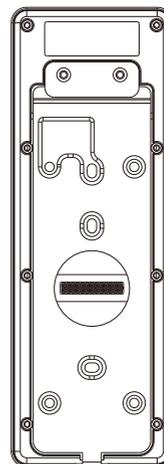
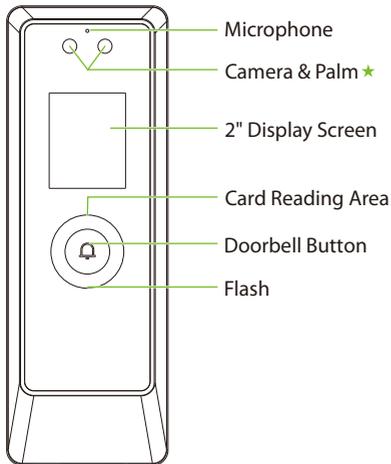
## ProMA-QR



## ProMA



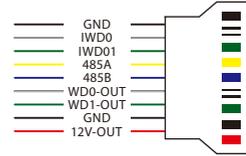
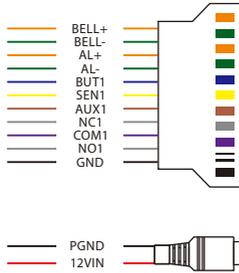
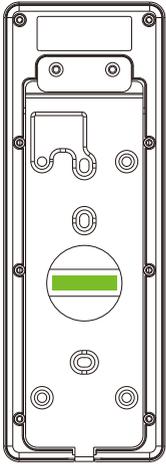
## ProMA-RF



### 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

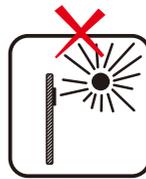
Please refer to the following recommendations for installation.



INSTALL INDOORS ONLY



AVOID INSTALLATION NEAR GLASS WINDOWS



AVOID DIRECT SUNLIGHT AND EXPOSURE



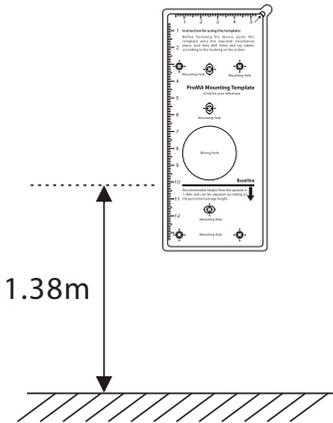
AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

## 4 Device Installation

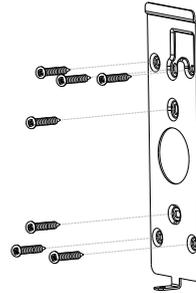
ProMA series installation are the same, the following is an example of ProMA.

- 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.

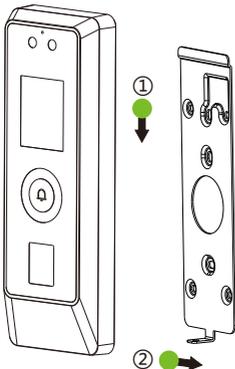
1



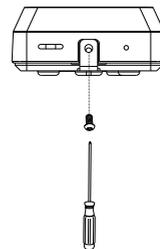
2



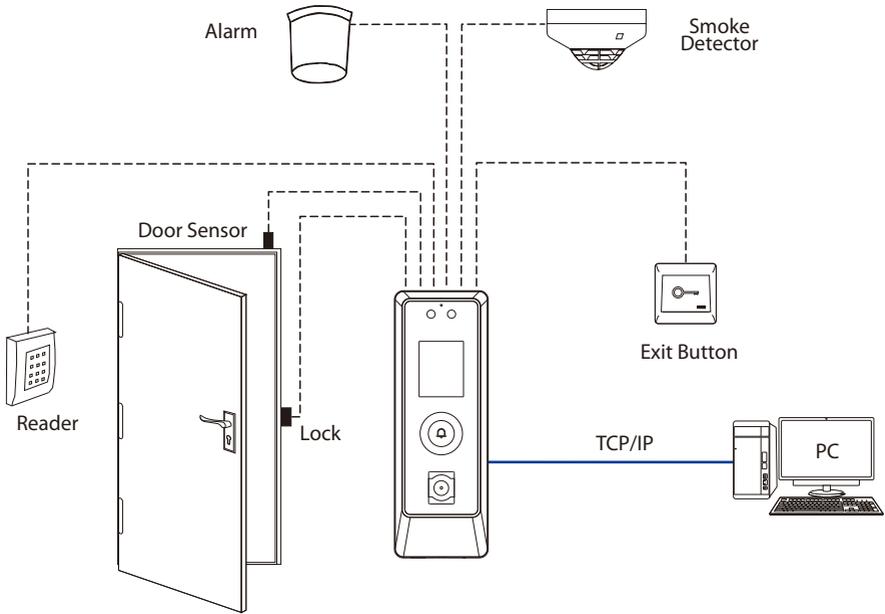
3



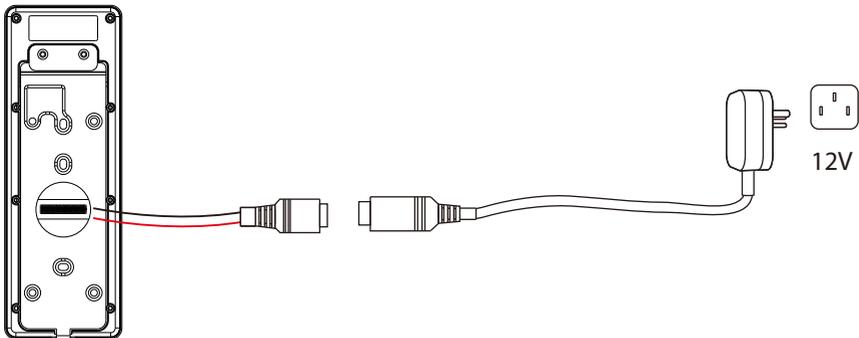
4



## 5 Standalone Installation



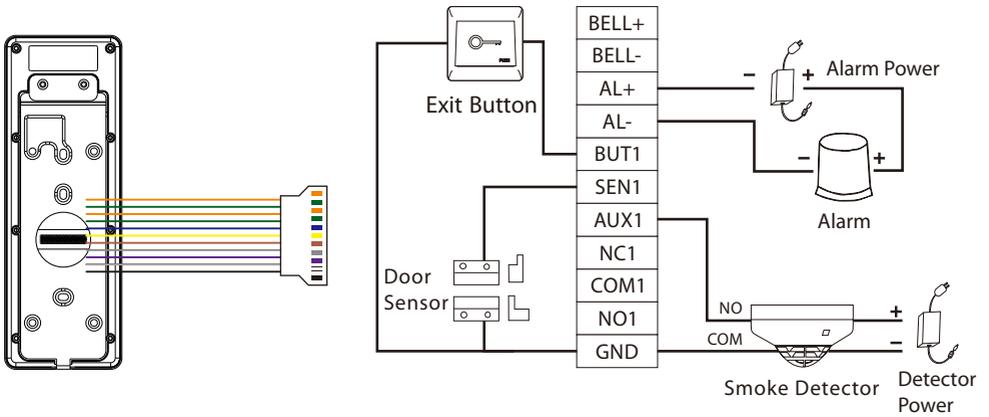
## 6 Power Connection



### 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.

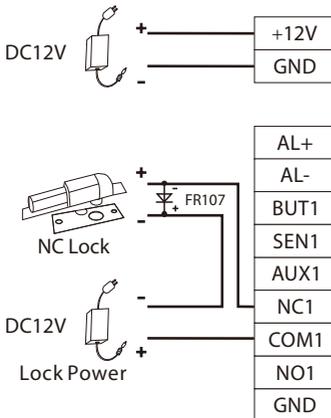
## 7 Door Sensor, Exit Button, Alarm and Auxiliary Connection



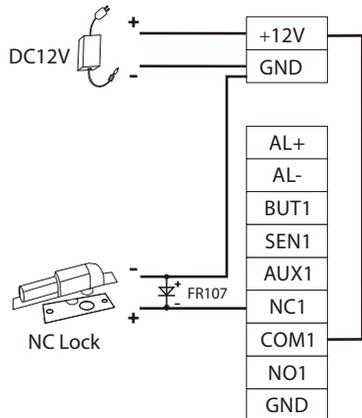
## 8 Lock Relay Connection

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

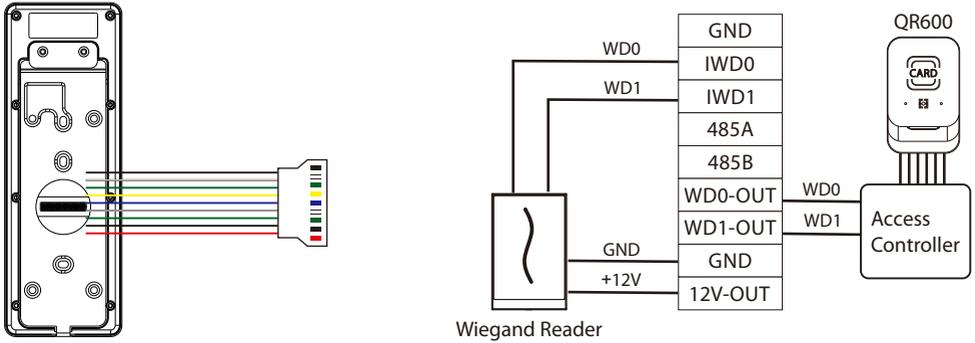


2) Device sharing power with the lock



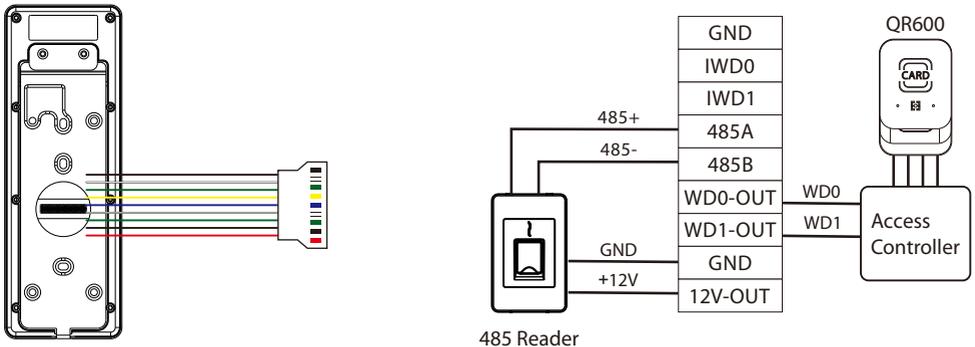
## 9 Wiegand Connection

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

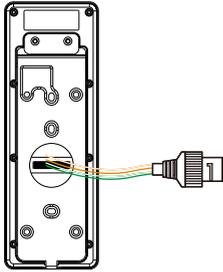
The RS485 lets user connect to multiple readers to the device. RS485 can be connected to the terminal, as shown in the figure below.



**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



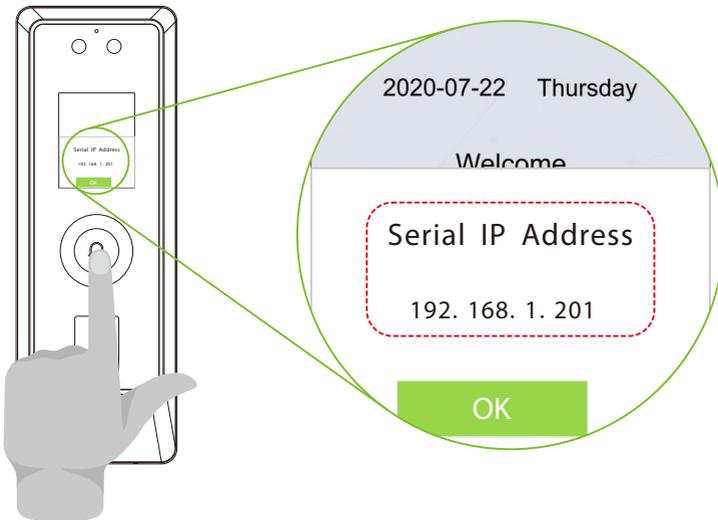
IP address: 192.168.1.130  
Subnet mask: 255.255.255.0

**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.

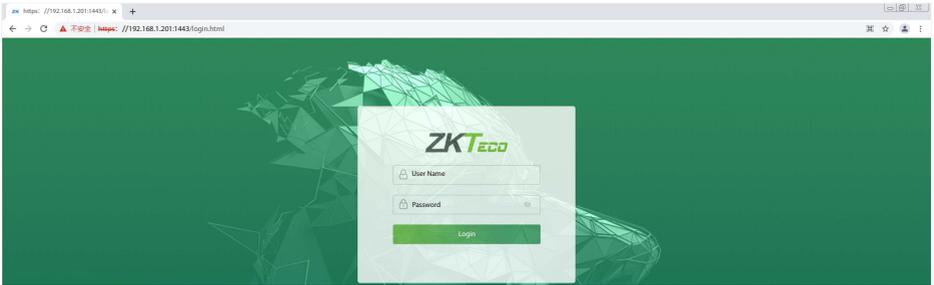
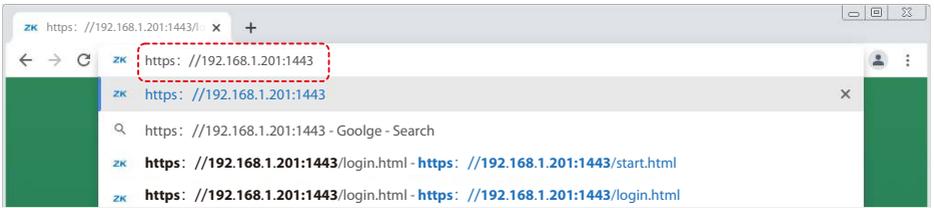
## 12 Login WebServer

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

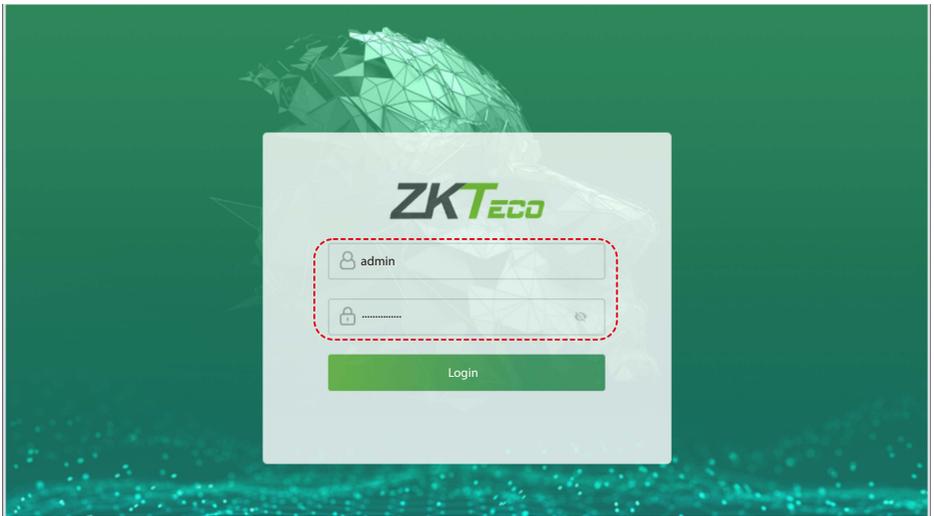
1. Press and hold the Doorbell button of the device until the IP pops up.



2. Open a browser to enter the address to log in the WebServer, the address is the [https:// Serial IP Address:1443](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.



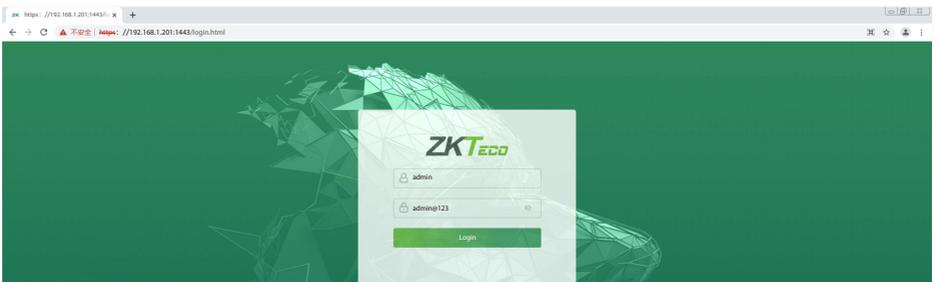
2. On the pop-up page, enter the relevant information of the super admin user as prompted.

### Admin verification

Please input admin user ID.  **Enter super admin user id**

Password  **Enter super admin user password**

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**.

The screenshot displays the 'New' personnel registration window. The 'Personnel ID\*' field contains the value '1'. The 'Device Verification Password' field is masked with asterisks. In the 'Personnel Detail' tab, the 'Superuser' checkbox is checked, and the 'Device Operation Role' is set to 'Administrator'. The 'Save and New' button is highlighted with a red box.

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.

The screenshot shows a web interface for user registration. On the left is a dark sidebar menu with the following items: System Info, Device Info, Device Capacity, Firmware Info, User Mgt., All Users (highlighted in green with a red dashed box and a callout 'Step 1'), Advanced Settings, COMM., Cloud Service Setup, Date Setup, System, Card Type Settings, Video Intercom, SIP Settings, Serial Comm, Face, and Autotest. The main content area is titled 'Basic Info' and contains a form with the following fields: User ID (value: 2), Name (value: Jake), Rights (value: Normal User), Password (value: \*\*\*\*), Card Number (value: 1190130), and Access Control Role (value: 1). A green 'Register' button is located to the right of the Card Number field. Below the form are two buttons: 'Confirm' (highlighted with a red dashed box and a callout 'Step 3') and 'Back'. To the right of the form, a callout 'Step 2' points to the form area with the text 'Enter the User Info.'. Below the 'Basic Info' section is the 'Online Registration' section, which has three rows: 'Face', 'Palm', and 'Fingerprint'. Each row has a green 'Register' button. A callout 'Step 4' points to the 'Palm' 'Register' button with the text 'Enroll Face, Palm★ and Fingerprint.'.

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

The image shows four panels illustrating successful enrollment for different biometric and card-based methods:

- Enroll Card Number:** Shows a hand holding a card with a green checkmark. Card Number: 1190130.
- Enroll Face:** Shows a man's face within a white frame, with the text 'Enrolled Successfully' at the bottom.
- Palm Registration★:** Shows a hand with the palm facing up within a white frame, with the text 'Enrolled Successfully' at the bottom.
- Remote Enroll Finge...:** Shows a hand with the index finger touching a sensor. A progress bar on the left shows 81% completion. A circular graphic with a green checkmark is in the center. On the right, a vertical stack of three blue buttons is labeled 3, 2, and 1 from top to bottom.

# 15 Connection to ZKBio CVSecurity Software

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

The screenshot shows the 'IP Setup' configuration page. On the left sidebar, the 'Advanced Settings' menu is expanded, and 'COMM.' is highlighted with a red dashed box and a callout 'Step 1'. The main content area is titled 'IP Setup' and contains the following fields:

- DHCP: A toggle switch that is currently turned off.
- IP Address: A text input field containing '192.168.163.99', highlighted with a red dashed box and a callout 'Step 2' pointing to it. A note 'Enter the IP Info.' is positioned to the right of this field.
- Subnet Mask: A text input field containing '255.255.255.0'.
- Gateway: A text input field containing '192.168.163.1'.
- DNS: A text input field containing '114.114.114.114'.

At the bottom of the page, there is a green 'Confirm' button, which is highlighted with a red dashed box and a callout 'Step 3'.

The screenshot shows the 'Cloud Server Settings' configuration page. On the left sidebar, the 'Advanced Settings' menu is expanded, and 'Cloud Service Setup' is highlighted with a red dashed box and a callout 'Step 4'. The main content area is titled 'Cloud Server Settings' and contains the following fields:

- Enable Domain Name: A toggle switch that is currently turned off.
- Cloud Server Address: A text input field containing '192.168.161.21', highlighted with a red dashed box and a callout 'Step 5' pointing to it. A note 'Enter the Server Info.' is positioned to the right of this field.
- Cloud Service Port: A text input field containing '8099'.
- HTTPS: A toggle switch that is currently turned on.
- Proxy Server Setup: A toggle switch that is currently turned off.

At the bottom of the page, there is a green 'Confirm' button, which is highlighted with a red dashed box and a callout 'Step 6'.

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.

The screenshot illustrates the process of searching for a device in the ZKBio CVSecurity software. It is divided into five steps:

- Step 1:** Clicking the search icon (magnifying glass) in the top right corner of the main interface.
- Step 2:** Clicking the 'Access' button in the central menu grid.
- Step 3:** Clicking the 'Search' button in the search window, which shows a progress bar at 100% and a message: "device found? Download Search Tools to Local Disk".
- Step 4:** Clicking the 'Add' button in the search results table. The table contains one entry:

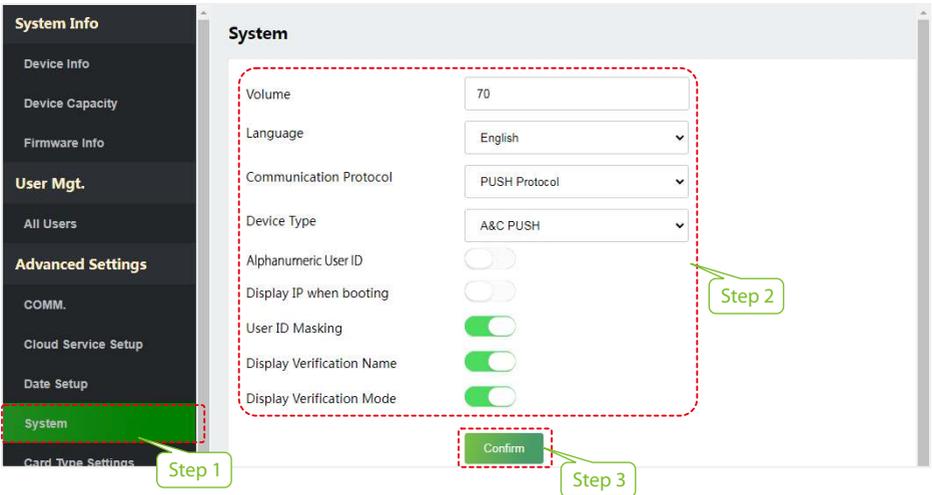
IP Address	MAC Address	Subnet Mask	Gateway Add...	Serial Number	Device Type	Set Server	Operations
192.168.1.201		255.255.255.0	192.168.1.1		ProMA		Add
- Step 5:** Clicking the 'OK' button in the 'New' configuration dialog box. The dialog box contains the following fields:
  - Device Name\*: ProMA
  - Communication Type\*:  TCP/IP  RS485
  - IP Address\*: 192 . 168 . 1 . 201
  - Communication port\*: 4370
  - Communication Password: (empty)
  - Icon Type\*: Door
  - Control Panel Type: One-Door Access Co...
  - Area\*: Area Name
  - Add to Level: (empty)
  - Clear Data in the Device when Adding:

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

## 16 System Settings

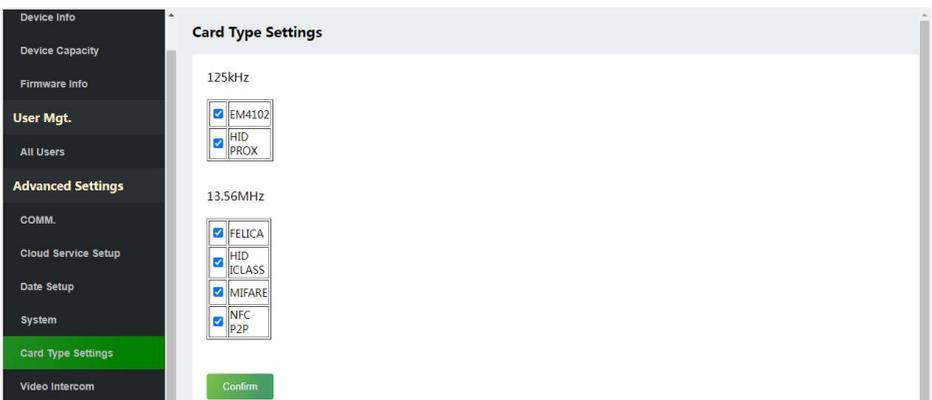
Click on **[System]** on the WebServer to set the volume, language, communication protocol and device type, select whether to enable/disable alphanumeric user ID, display IP when booting, user ID masking, display verification name and display verification mode.

**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.



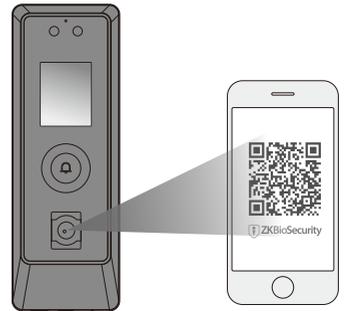
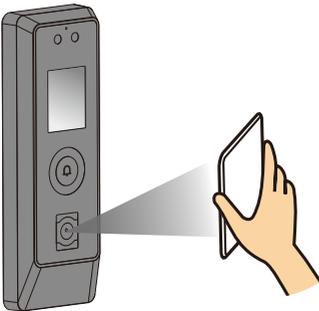
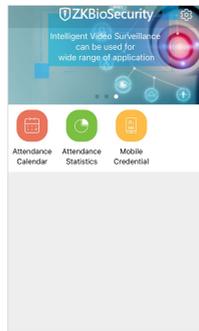
## 17 Card Management

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:

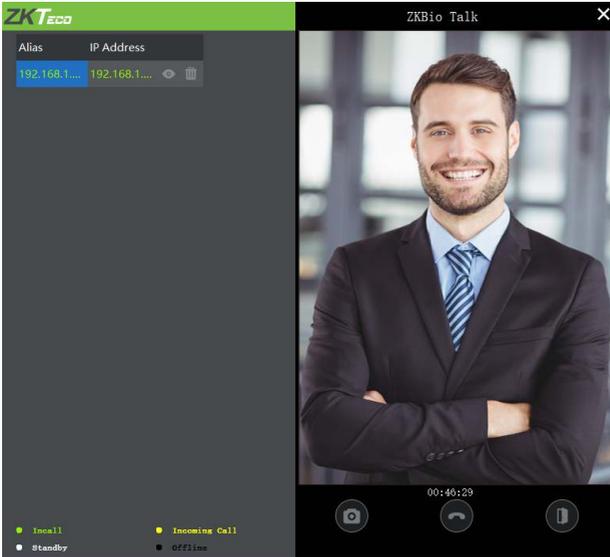
1. Place your phone within the range of **15 to 50 (cm)** from the device (distance depends on the size of the phone screen), and do not block the device QR code scanner and QR code in the phone screen.
2. This feature is only available for ProMA-QR.
3. The ProMA-QR supports Chilean and Argentinean ID PDF417 codes.

# 19 Connecting to Video Intercom ★

## ● ZKBio Talk

1. After setting the LAN function parameters, download and install the ZKBioTalk 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*.

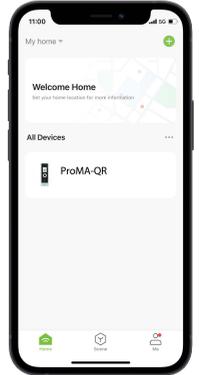
## ● ZSmart

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.

1



2



# 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

IP Address	Subnet Mask	Gateway	Dialing Number
192.168.163.199	255.255.255.0	192.168.163.1	101
192.168.163.102	255.255.255.0	192.168.163.1	102
192.168.163.103	255.255.255.0	192.168.163.1	103
192.168.163.104	255.255.255.0	192.168.163.1	104

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.

**WebServer**

**ONVIF Settings** > **Enable Authentication**

User Name: \*\*\*\*\*

Password: \*\*\*\*\*

Server Port: 8000

Step 1

**ZKBio CVSecurity**

Video View >

Device Management >

Device

Camera

Group Management

Step 2

Step 3

Step 4

Personnel Access Attendance Consumption Elevator

Visitor Parking Patrol Personal Card Entrance Control

FaceKiosk Temperature Detection Video Management Intelligent System

Groupi

Devic

R

□

□

□

Video View >

Device Management >

Device

Camera

Group Management

Video Management / Device Management / Device

Device

Name  🔍 ↺

Refresh New Delete Search Sync Camera More

Name	Device Type	Status	Subscription Status
ProMA	ProMA	Online	✓
125	0	Online	✓

Step 5

Groupi

Devic

R

□

□

□

**Grouping Device**

Device Name  IP Address

<input type="checkbox"/>	Device Name	Channel Code	Status	Type	Type	IP Address	Area Name	Operations
<input type="checkbox"/>	IPC_10.8.12.211	1	Online	Fixed Camera	CBL223-C01	10.8.12.211	区域名称	

Auto Search

Total Progress  Searched devices count:6

Protocol Type  IP Address

<input type="checkbox"/>	IP Address	Port	Type	Drive	User Name	Password
<input checked="" type="checkbox"/>	10.8.51.118	8000	ONVIF		<input type="text" value="*****"/>	<input type="text" value="*****"/>
<input type="checkbox"/>	10.8.51.121	80	ONVIF		<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	10.8.51.125	443	ONVIF			
<input type="checkbox"/>	10.8.51.126	8082	ONVIF			
<input type="checkbox"/>	10.8.51.132	80	ONVIF			
<input type="checkbox"/>	10.8.51.98	80	ONVIF			

User Name  Password

Photo



Happy New Year  
DASDASD  
ASASDAS1.23213ASDSAASASDASD

2022-09-29 14:12:40

More

- 
- 
- 
- 
- 

	Area Name	Operations
D2150-10-I-P(3.6)	区域名称	
D2150-10-I-P(3.6)	区域名称	
D2150-10-I-P(3.6)	区域名称	
C3250-10-SIU	区域名称	
CBL223-C01	区域名称	<input type="button" value="✎"/>
C2150-10-SIU	区域名称	

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