

Installation & User Manual

Obyn Pro - Single Button IP Intercom



The information in this document may be changed as we always strive to improve the product. Trust that the information provided is accurate at the time of document release.

Table of Contents

Table of Contents	2
Technical Specifications	4
Packing Contents	6
Optional Extra Equipment	6
Installation Information	7
1. Site Survey & Bench Testing	7
2. Install Prep & Location	8
3. Wiring	11
4. Power	13
4.1. 48v POE	13
4.2. 24v DC	13
5. Network Connection	13
5.1. Ethernet (LAN)	13
5.2. WIFI	13
Setup	15
1. Add Intercom to Device (LAN)	15
2. Add Intercom to Device (WIFI)	16
3. Basic Operation	17
App Operation	18
1. Devices (Home Page)	18
1.1. Camera View	19
2. Device Settings	20
2.1. Device Name	20
2.2. Device Details	21
2.3. Device Control	21
2.4. Share Device	24
2.5. Notification Settings	26
2.6. Unlock Settings	26
2.7. Alarm Settings	33
2.8. Advanced Settings	35
2.9. Delete	42
3. Activity Log	43
4. Settings (App)	44
Integration	47

1. Amazon Alexa	47
2. Google Home	47
Intercom Operation	48
1. Factory Reset	48
2. Unbind Device	48
3. Change “Reset Code”	48
4. Create Local Network	48
5. Change PTE Relay	48
6. Change Call Mode	48
7. Master Reset	48
Local Web Interface Operation	49
Local Config	49
Access Management	49
User Management	50
Maintenance	50
Certifications	51
CE-RED	51
FCC	51
Cybersecurity	52

Technical Specifications

GENERAL	
Front Panel	Portrait Orientation Marine Grade Stainless Steel, 3mm Acrylic Landscape Orientation PED = Pedestal Surface Mount
Hood Cover	Powder-coated Aluminium
Weatherproof	IP55
Approvals	CE-RED, FCC, ROHS, RED_DA/EN18031-1, EN18031-2
Dimensions	ABK – 312, 154, 45 (mm) IBK – 303, 106, 62 (mm) FBK – 321, 137, 45 (mm) (Length, Width, Height)
Operating Temp	-30 ~ +65
Power Supply	24v DC / 48v POE
Power Consumption	24v DC - 800mA, 48v POE - 400mA
Relays	2
Relay Type	N/C & N/O
Relay Load	3A, 30v DC/250AC
System Requirements	Minimum 1.5MB/s Upload Speed
MEDIA (IMAGE & VIDEO)	
Camera	2 Megapixels
Lens	120° (D), 109° (H), 65° (V)
Display Resolution	Changeable within the app HD - 1080P, SD - 720P
Night Vision	IRCUT, Infrared LED
Storage	Micro SD Card, Max Capacity 128GB. FAT32 Format

MOTION SENSOR	
Type	Software Sensor
Range	1-7 Metres
Configuration	Via App • Range • Schedule • Enable/Disable Notifications
AUDIO	
Audio Components	Speaker and microphone, noise reduction and echo cancellation.
Audio Streaming	Full Duplex
Audio Codec	G.711A
NETWORK	
WiFi	IEEE 802.11 b/g/n, IEEE 802.11a/n/ac
WiFi Security	WPA/WPA2
Frequency Range	2.4GHz, 5GHz
Ethernet	IEEE 802.3
Supported Protocols	TCP/UDP/RTP/RTSP/HTTP/SIP/ONVIF/HT TPS
THIRD-PARTY INTEGRATIONS	
Home Integration	Amazon Alexa, Google Home
UNLOCKING METHODS	
QR Codes – 200 Total	Keypad Codes – 200 Total

Packing Contents

- 1x Opyn Pro Intercom
- 1x POE Plug
- 1x Kettle Lead
- 1x Accessory Bag (Screws & Connectors)

Optional Extra Equipment

- ANDROID MONITOR



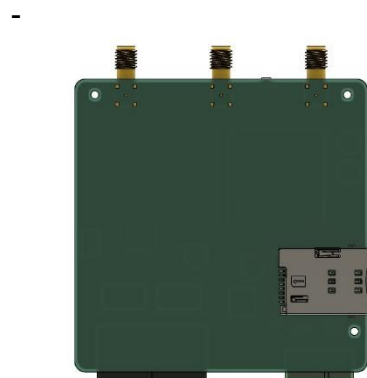
WIFI Aerial (2.4Ghz)



-
- DC PSU (24v 2amp)



- Robustel 4G Modem



Installation Information

A good installation is key to the intercom system performing to its capabilities and giving the end-user the best experience possible. For this reason, it's important to make sure the instructions given in this section are followed thoroughly.

1. Site Survey & Bench Testing

It's important to make sure the site where the system will be installed is suitable. To determine this, we need to ensure certain requirements are met like network speeds, cable distance (DC Power & POE). For more information proceed to the next section.

Survey LAN



Upload Speed

I have at least 1.5 Mb **UPLOAD** speed. If not STOP! This system may operate intermittently remotely or have delayed PUSH notifications.



Cable Distance

My cable run does not exceed 100m in total distance. If it does then a powered switch is required to be fitted in-line to extend the signal.

Survey WIFI



WIFI Signal

I have some WiFi signal at the gate with my phone! If not, STOP. You will need some form of WiFi extender, or repeater, or LAN/CAT5 cable!



Upload Speed

I have at least 1.5 Mb **UPLOAD** speed. If not STOP! This system may operate intermittently remotely or have delayed PUSH notifications.



YES!

My WiFi Internet Security is WPA, WPA2, WPA3 or better.

We also recommend performing a “**Bench Test**” of the system before installing. This will ensure the system is working as it should before its fully installed. Follow the setup steps below to get started and ensure to default/reset the system once you are done.

2. Install Prep & Location

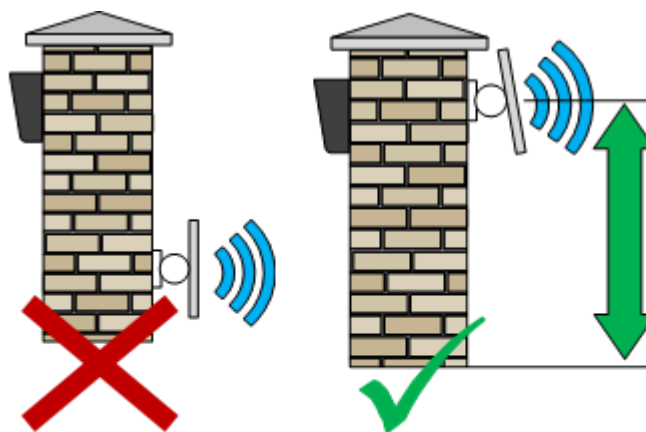
Ethernet can travel up to roughly 100m/320ft on CAT5/CAT6 cable. Longer distances require a switch every 100m/320ft unless using any specialist equipment.



MAX DISTANCE 100m (320ft) (LAN)

This can be extended by using an ethernet cable extender
(purchased separately)

Maximum range with WIFI can vary depending on the strength of the aerial in use and any obstructions in the path between the intercom and the router. In most cases a range of 40-50 metres can be expected. If you need a longer distance than this 3rd party equipment may be needed.



Note: Up to 50m using 2.4GHz with an average home router and clear line of sight.

Further distances can be achieved with advanced additional equipment.

Mount the antenna as high as possible and away from obstructions such as vehicles, shrubs and trees to maximize signal strength.

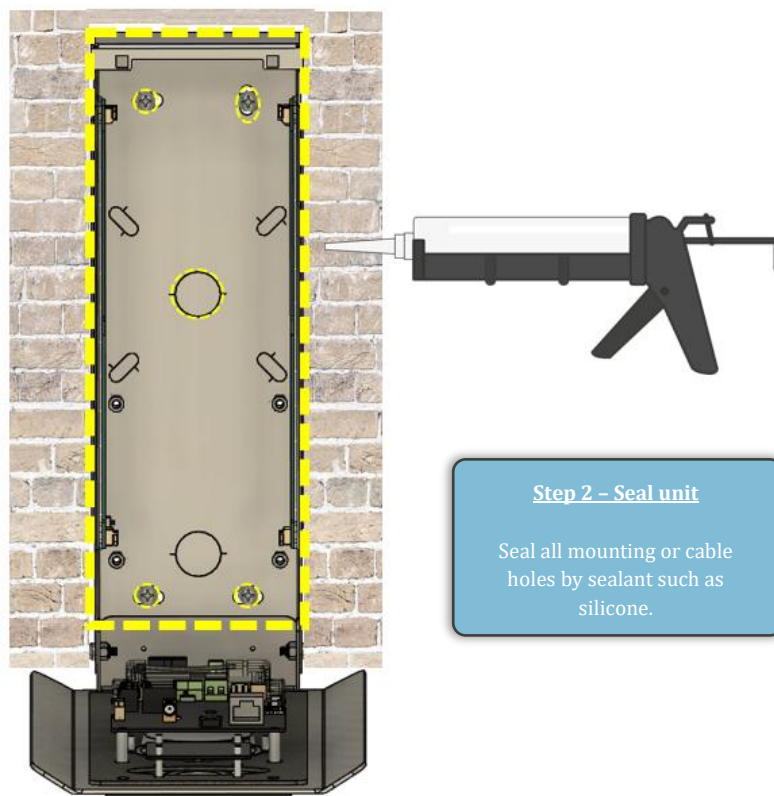
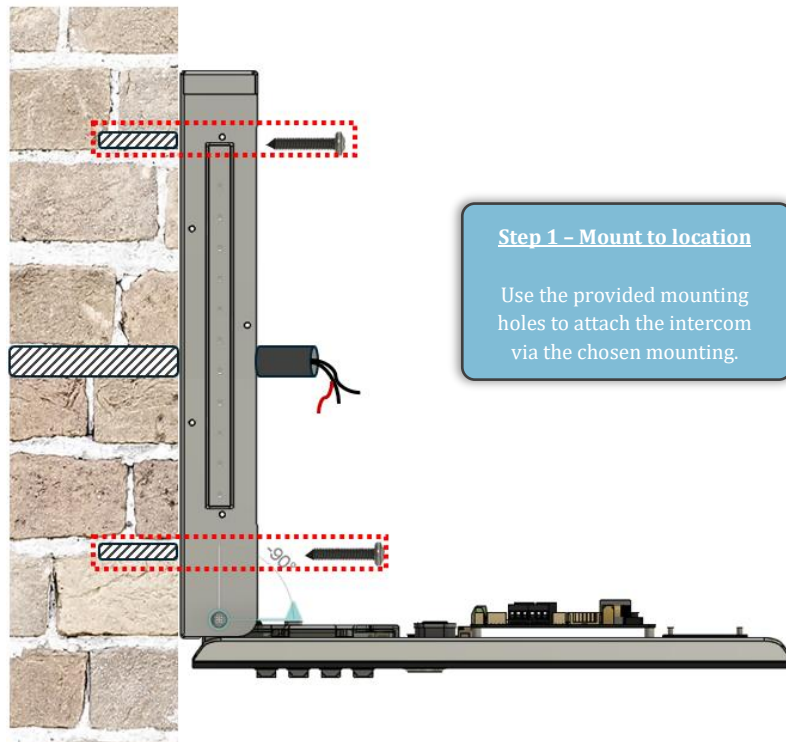
Do NOT mount antenna at ground level.

Note: Do not cut or join Antenna cable.

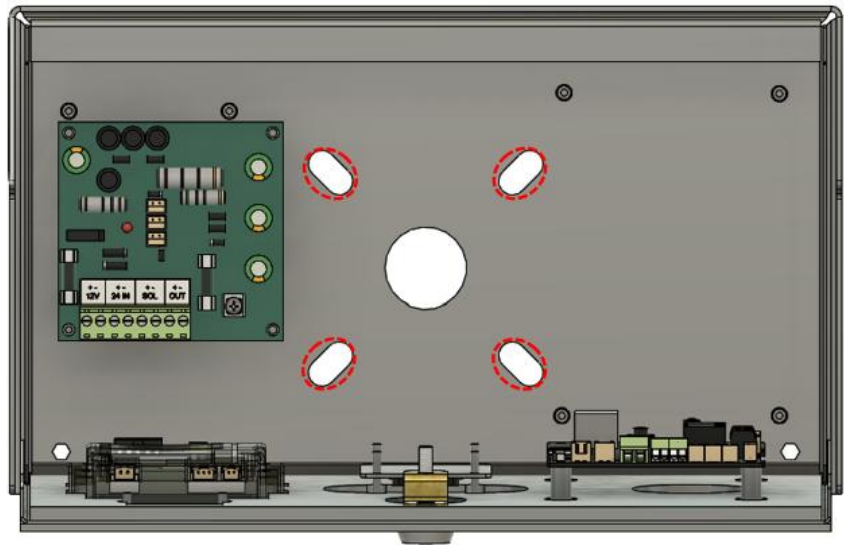
Mounting and installation of the intercom is done simply by removing the backplate and screwing this to the desired surface and bringing the cables through the entry hole. From there connect the cables to the correct connectors, make a note of the device QR code and then close it up. See illustration below.

Mounting & Installation

Portrait Orientation Models



Horizontal Orientation Model

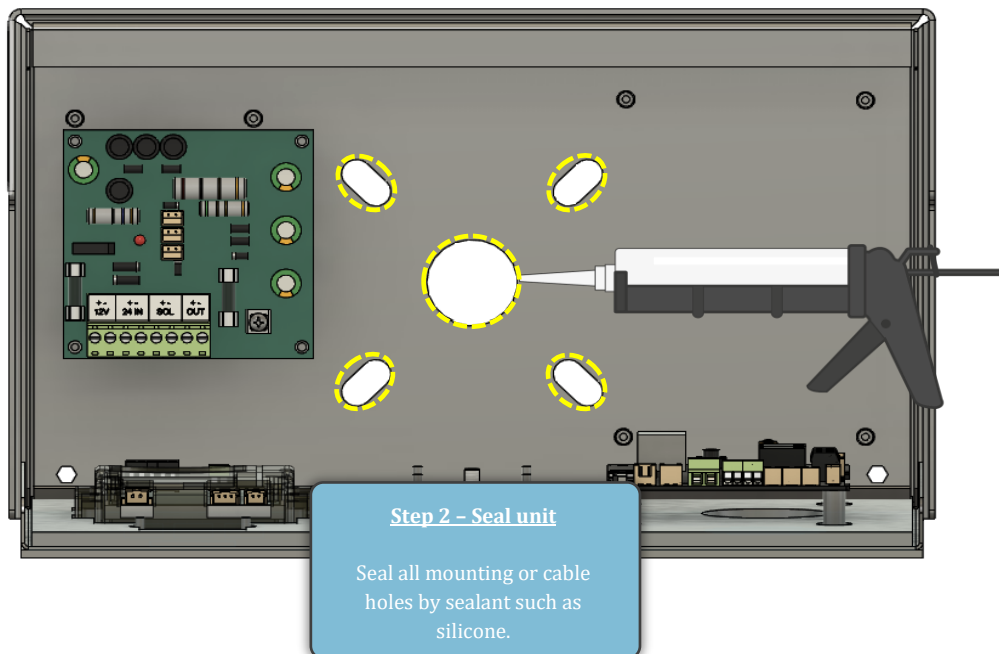


Surge PCB - Subject to change

Step 1 - Mount to location

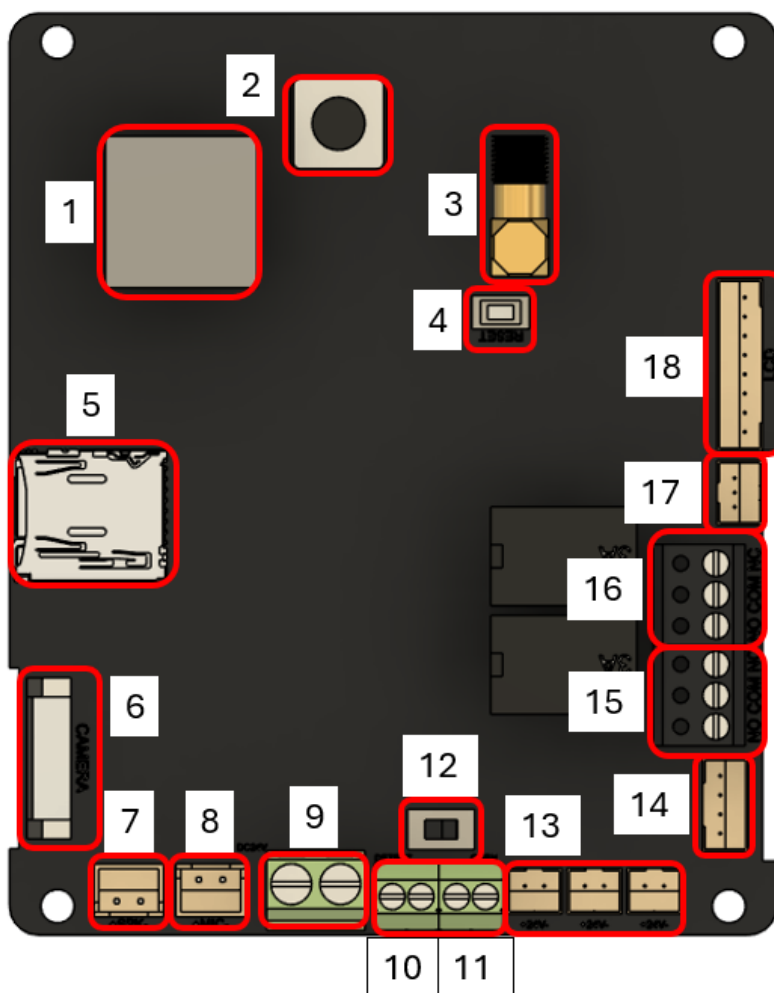
Use the provided mounting holes to attach the intercom via the chosen mounting option.





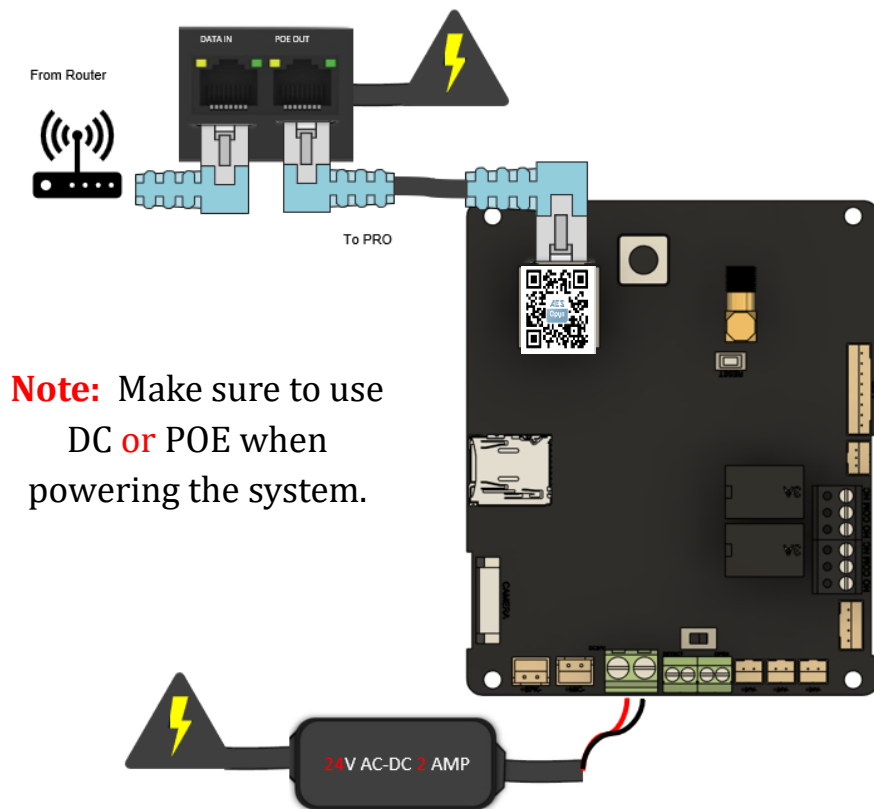
3. Wiring

All PCB connections and their uses.

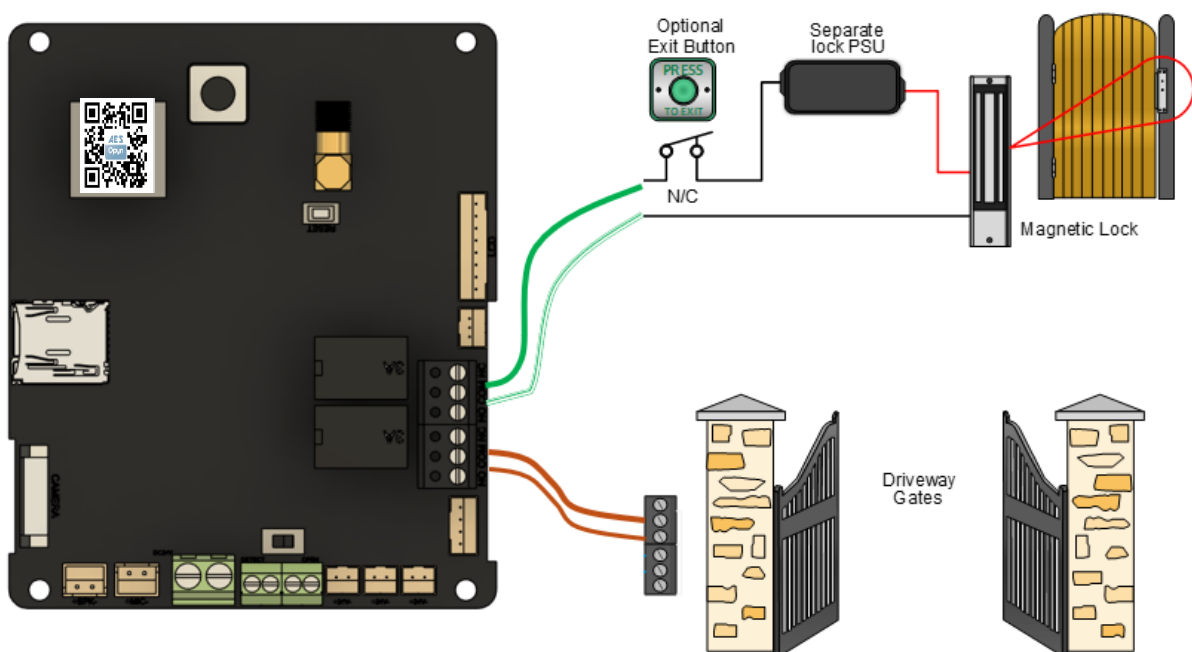


- 1 – Ethernet/RJ45 Port
 - 2 – Hotspot Button
 - 3 – SMA Aerial Connector
 - 4 – Hard Reset Button
 - 5 – SD Card Holder
 - 6 – Camera Cable
 - 7 – Speaker
 - 8 – Microphone
 - 9 – DC Power
 - 10 – Limit Switch
 - 11 – Push-To-Exit
 - 12 – Button Polarity
 - 13 – 24v DC Outputs
 - 14 – Call Button
 - 15 – Relay 1 (Lock 1)
 - 16 – Relay 2 (Lock 2)
 - 17 – Keypad Data Cable
 - 18 – Wiegand Connections
- 12v, GND, D1, D0, IN2, IN1, OUT2, OUT1*

Example – Power Connections



Example – Relay Connections



4. Power

Powering the intercom can be done either via 48v POE or 24v DC.

4.1. 48v POE

When using POE to power the system it's important to note that the max distance Ethernet can travel is 100m/320ft. This means the distance between the power source and the intercom cannot be greater than this.

4.2. 24v DC

When using DC power, we do recommend staying within a certain distance depending on the type or thickness of cable used. Our general recommendations are as follows:

Up to 2 metres (6 feet) - Use minimum 0.5mm²/ 22-gauge cable.

Up to 4 metres (12 feet) - Use minimum 1mm² / 20-gauge cable.

Up to 8 metres (25 feet) - Use minimum 1.5mm² / 18-gauge cable.

5. Network Connection

When it comes to connecting the intercom to the network, this can be done either via Ethernet or WIFI. **For the intercom to perform the best way possible we always recommend using ethernet when possible.** This is because ethernet in general will offer a more stable and reliable connection to the network, amongst other benefits.

5.1. Ethernet (LAN)

You can connect an ethernet cable directly into the RJ45 port that the intercom has. This port supports DHCP.

Note: *Ethernet can travel up to roughly 100m/320ft on CAT5/CAT6 cable. Longer distances require a switch every 100m/320ft unless using any specialist equipment.*

5.2. WIFI

To connect the intercom to the network via WIFI the aerial needs to be connected to the SMA connector of the intercom. It also needs to be within line-of-sight of the router/access point it's meant to connect to.

Maximum range can vary depending on the strength of the aerial in use and any obstructions in the path between the intercom and the router. In most cases a range of 40-50 metres can be expected. If you need a longer distance than this 3rd party equipment may be needed.

Robustel 4G Modem

IP Address: **192.168.0.1**

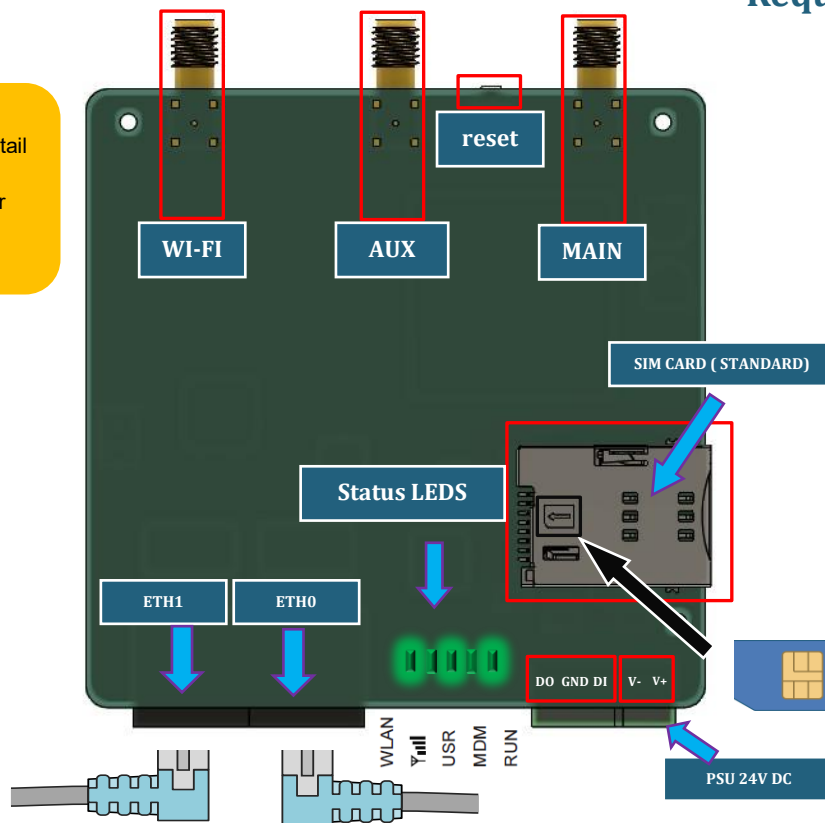
Password : **Aesglobal23**

Note: If you wish to use a different network then the APN settings need changed. This will

**Computer
Required!**



Note : More Detail on Robustel available on our Resouse page



SIM ORIENTATION

ALWAYS ensure that the system is switched **OFF** any time you are adding or removing the SIM card and also ensure that the orientation is correct before powering the router back on.

STANDARD SIM SIZE ONLY

PCB BOOT STATUS LEDs

RUN: Constant ON = *Initializing* | *Blinking* - Working Constant OFF = **PCB Powered OFF**

MDM: Steady solid = *Working* | *Blinking* = Data sent/recieved Constant OFF = **Not Connected**

USR: Steady solid = *Working* | *Blinking* = Data sent/recieved Constant OFF = **Not Connected**

RSSI (Represented by five bars signal.): Steady solid = *Strong signal* | *Blinking* = *Medium signal* Constant OFF = **Low/no Signal**

WLAN: Steady solid = *Wi-Fi is working* Constant OFF = **Not Connected**

Setup

The setup process of the Opyn Pro is very straightforward. Whether you are connecting your system via LAN or WIFI we trust that you will find the setup to be fast and seamless following the steps laid out below.

1. Add Intercom to Device (LAN)

To get started download the AES Opyn app from the App Store or Google Play store, then create an account before starting the steps below.



Follow the steps provided by the app, such as **naming** the device and setting the **admin password**.

Afterwards device should appear **online** like this.

2. Add Intercom to Device (WIFI)

Connecting the system to WIFI is quite easy. By following the instructions below, you should be connected to the desired WIFI network within just a couple of minutes.

Note: If following this method, it's recommended to first connect the intercom to the WIFI near the router before completing install if intercom will be located some distance from the router.

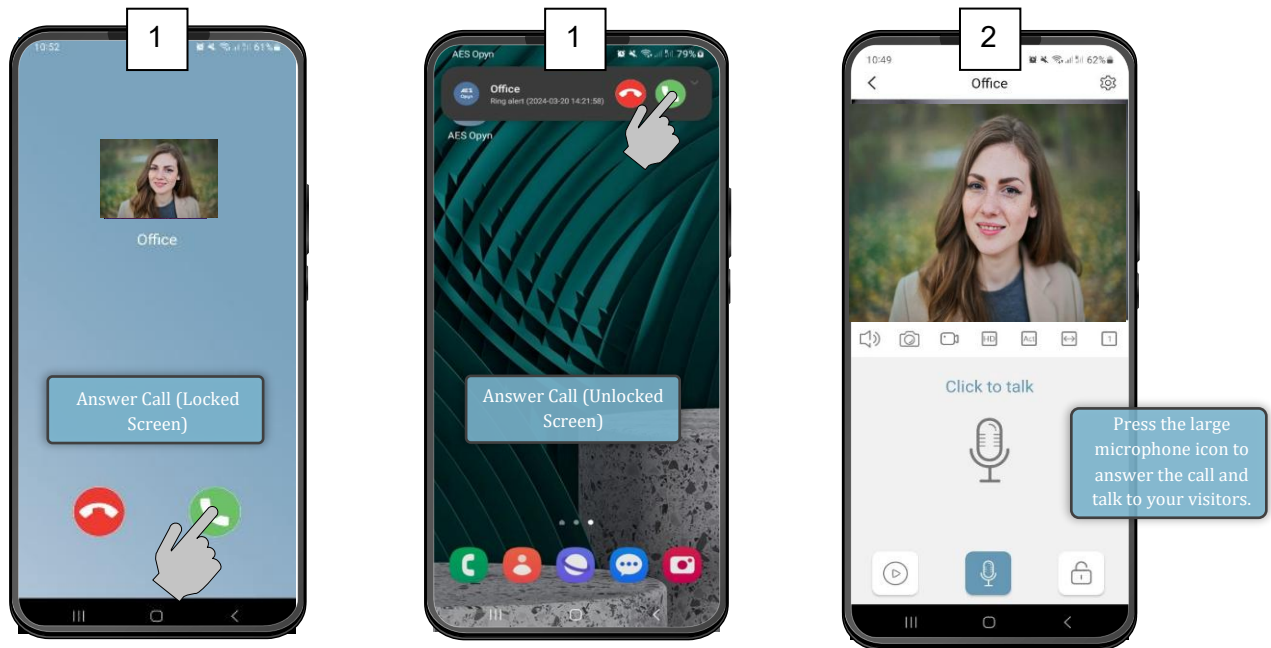


Follow the steps provided by the app, such as **naming** the device and setting the **admin password**.

Afterwards device should appear **online** like this.

3. Basic Operation

Answer Call (Android)



Answer Call (iOS)



App Operation

The AES Opyn app contains an impressive amount of functionality. In this section we will be covering all the app's features.

1. Devices (Home Page)



1 -View Camera – Tab the thumbnail to enter camera view.

2 -Device Settings – Click to enter the settings menu for the device.

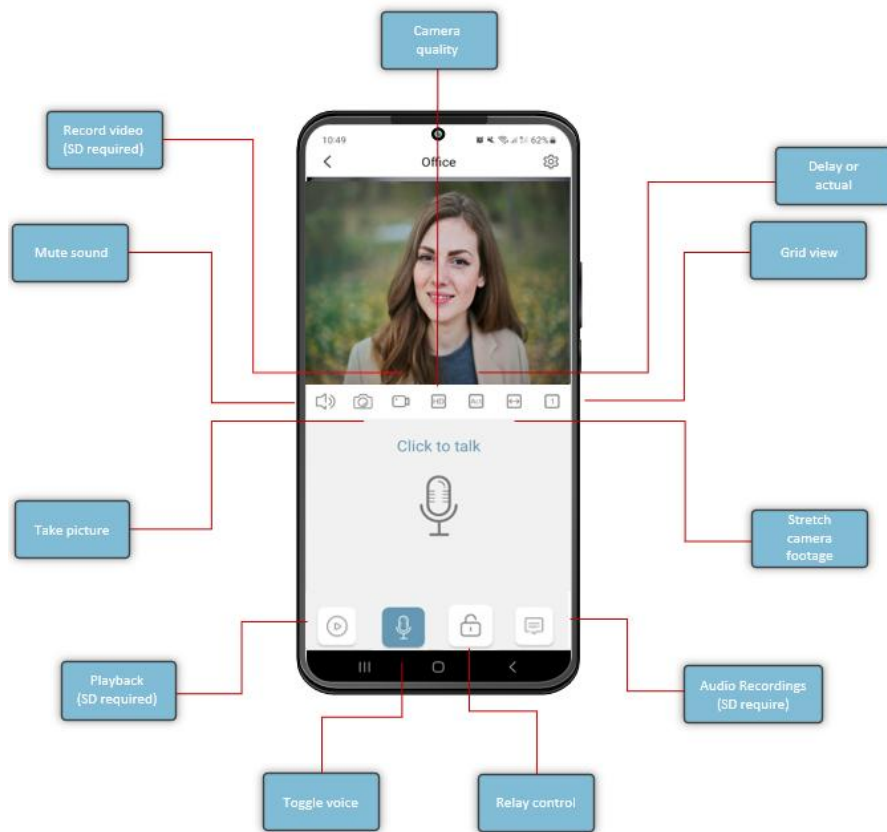
3- Relay Control – Press desired lock icon to activate the device relay(s). Press to momentarily activate, long press to hold open.

Devices – Home screen of the app. View all devices.

Activity – View recorded events.

Settings – User and app settings

1.1. Camera View



Mute Sound - Disable sound coming from the panel to the phone.

Take Picture - Take a picture via the intercom's camera.

Record Video - Record a video via the intercom's camera.

Camera Quality - Change between HD, SD or LD for video quality.

Video Mode - Change between "Actual" (Real-time stream with potential frame-drops) or "Fluent" (Slightly delayed stream with a fluent picture) video mode.

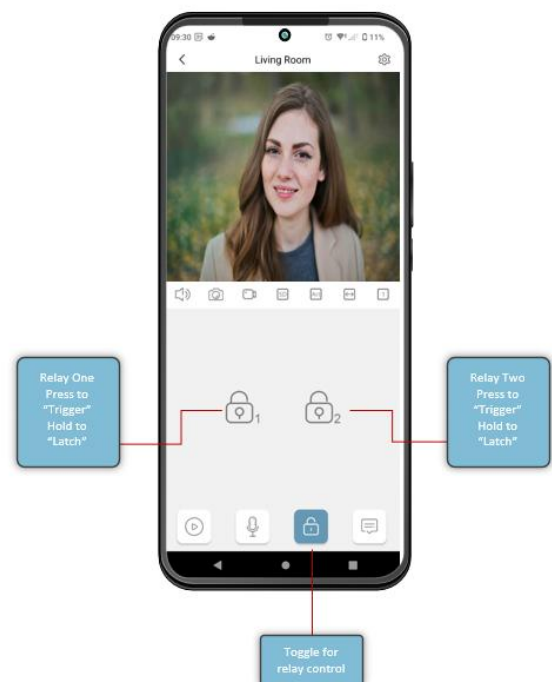
Stretch camera footage - Use the video stream's actual size or stretch to fill the preview screen.

Playback – View back pictures/videos from events such as motion detection or calls. (SD card required)

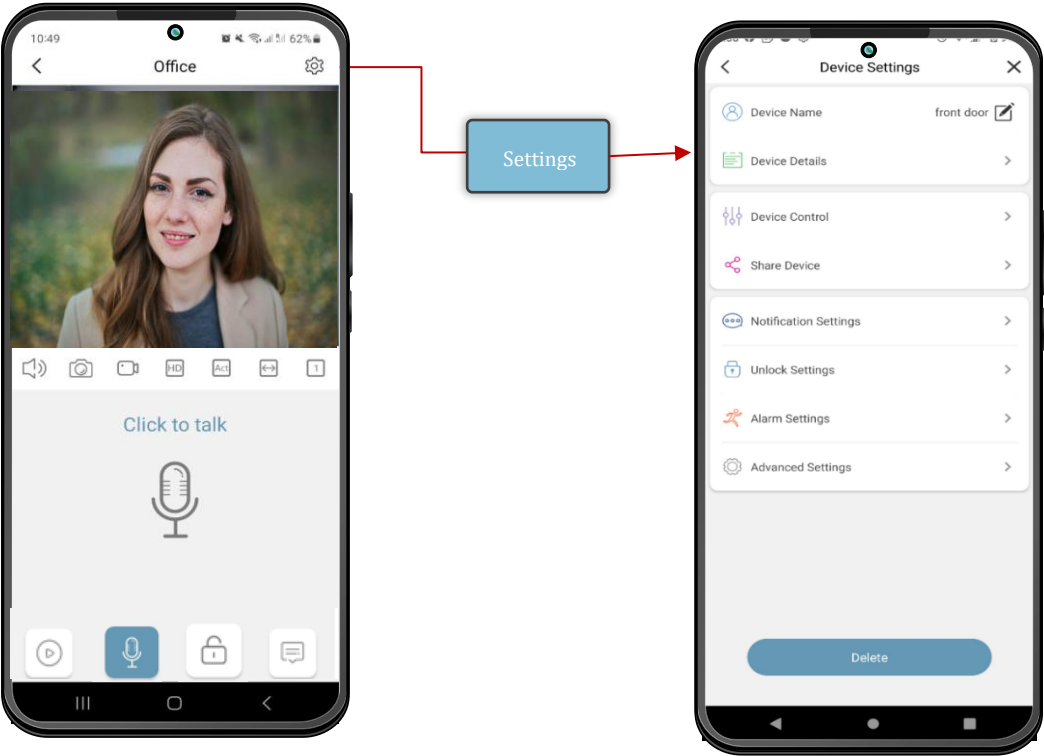
Toggle Voice - Open two-way speech to answer a call and speak to visitors.

Relay Control - Operate the system's relays/locks. Press desired lock icon to activate the device relay(s). Press to momentarily activate, long press to hold open.

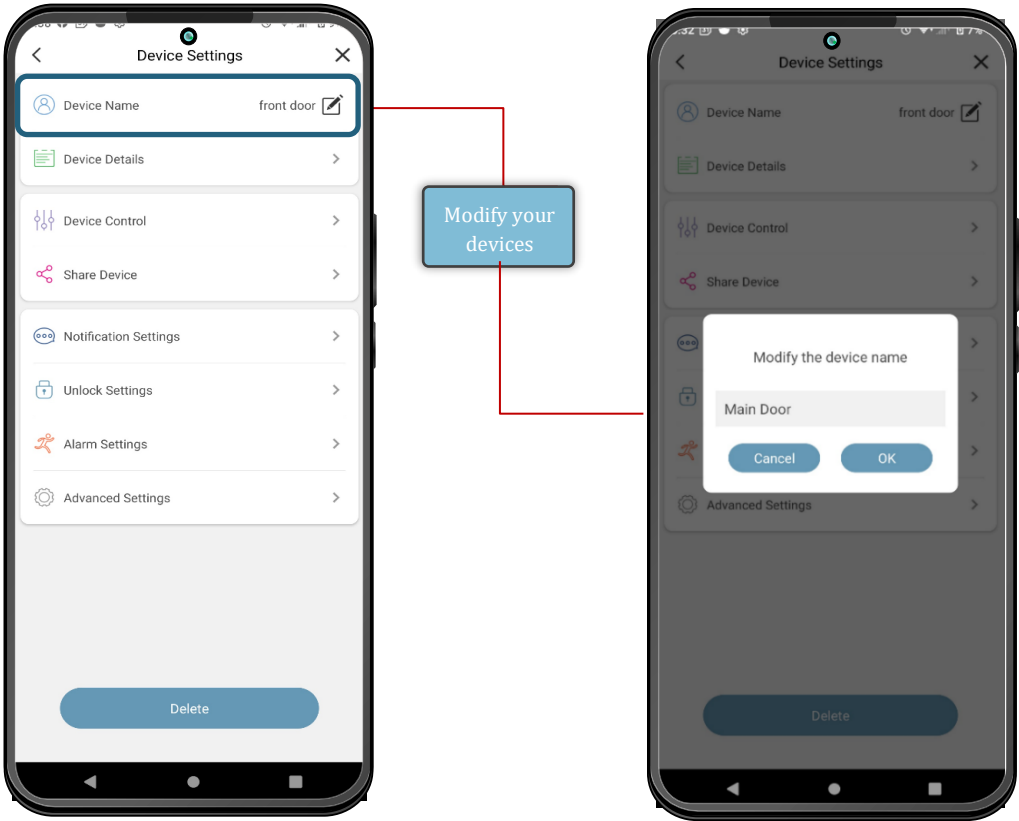
Audio Recordings – Play your recorded audio messages on demand. (SD card is required)



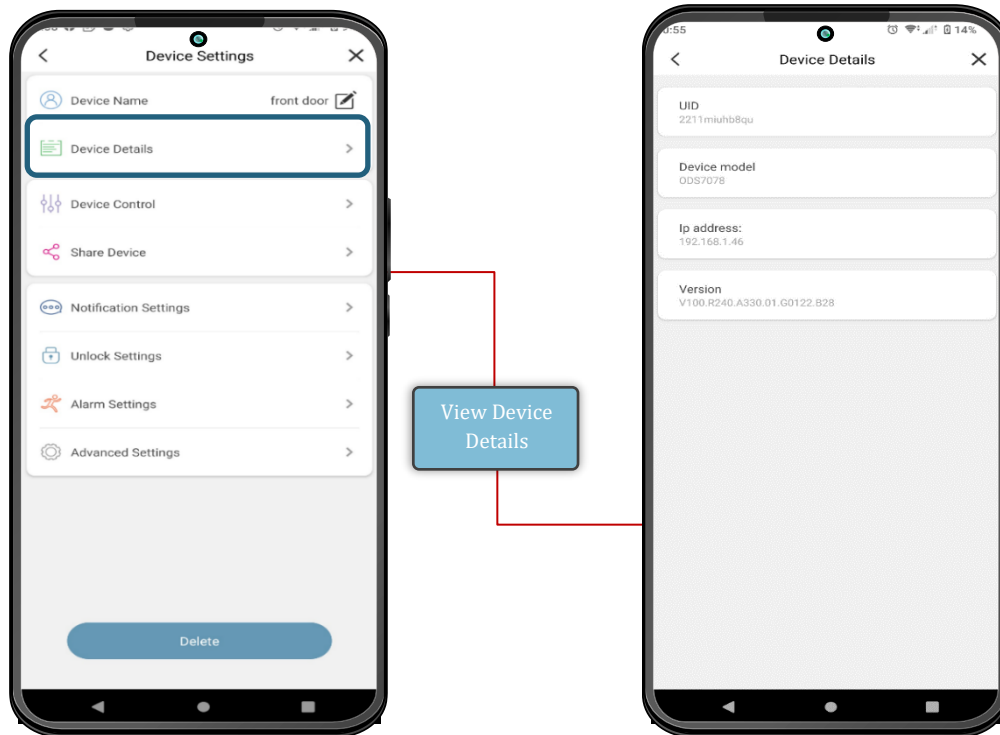
2. Device Settings



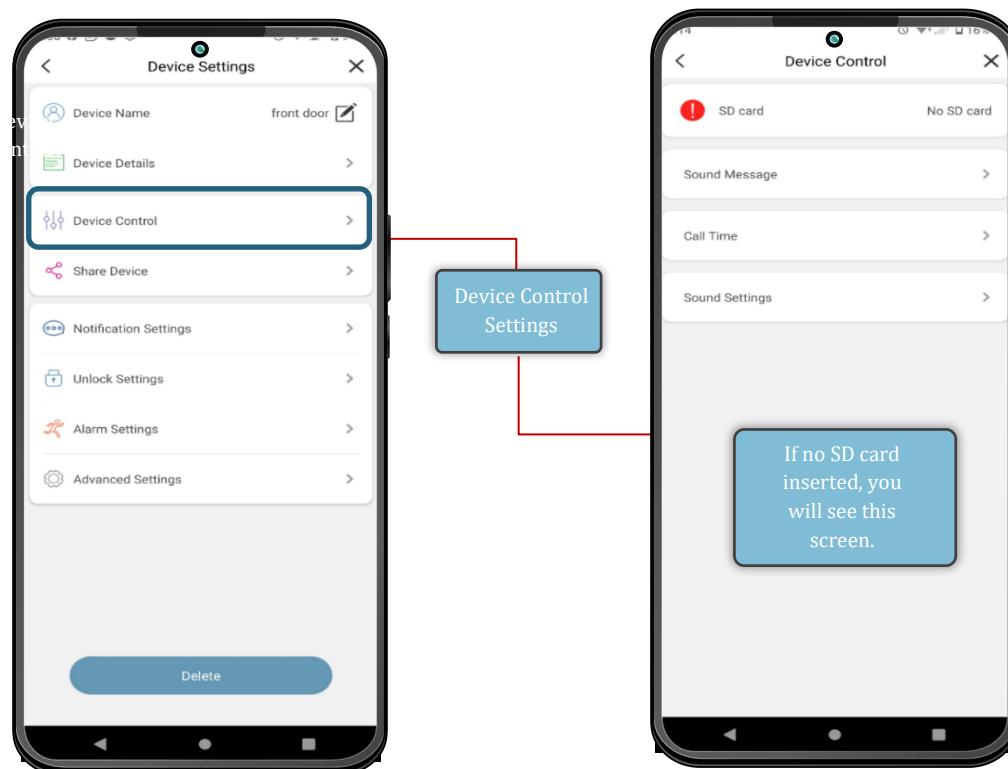
2.1. Device Name



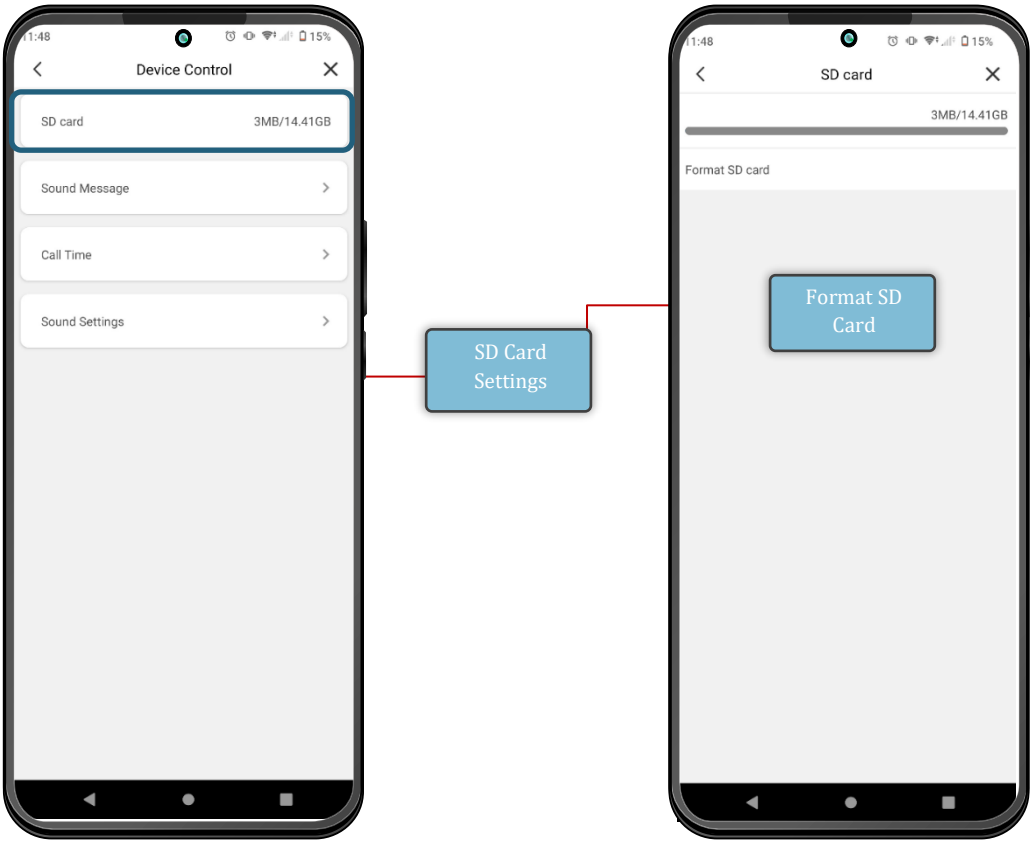
2.2. Device Details



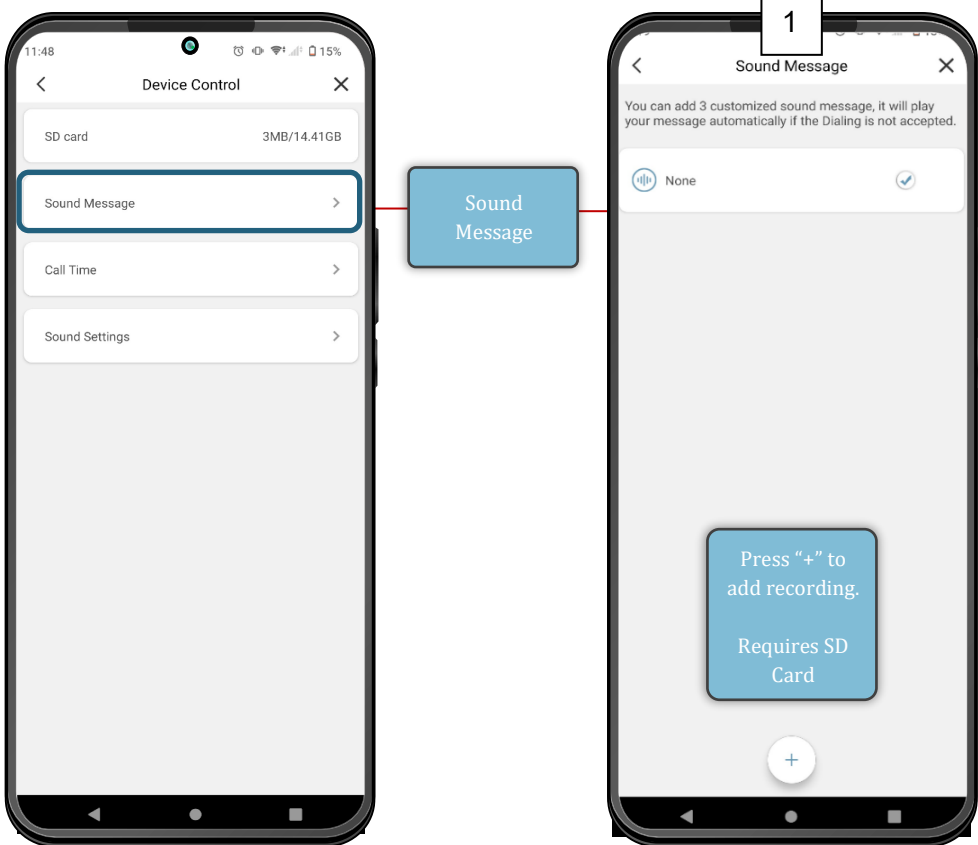
2.3. Device Control

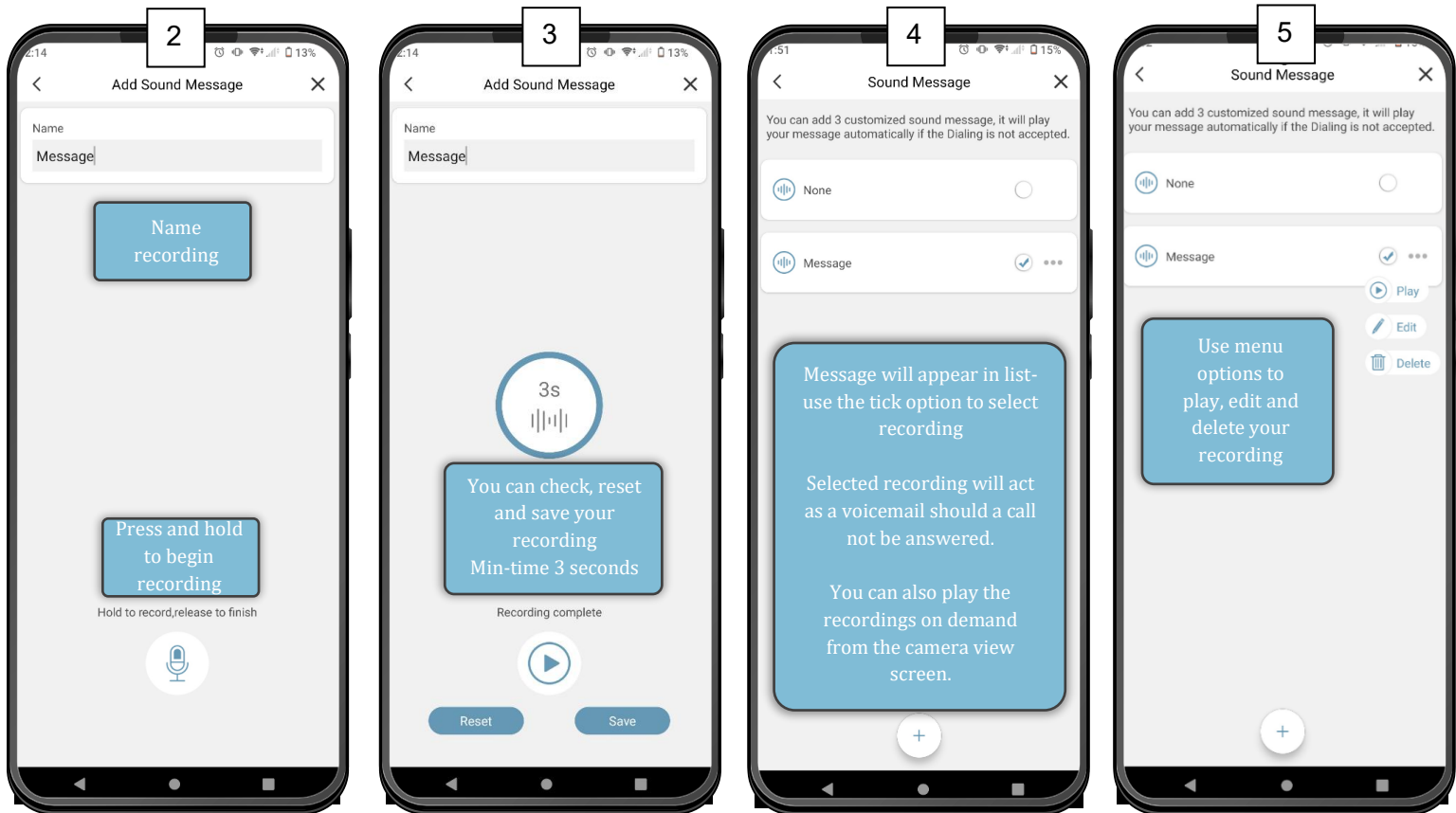


2.3.1. SD Card

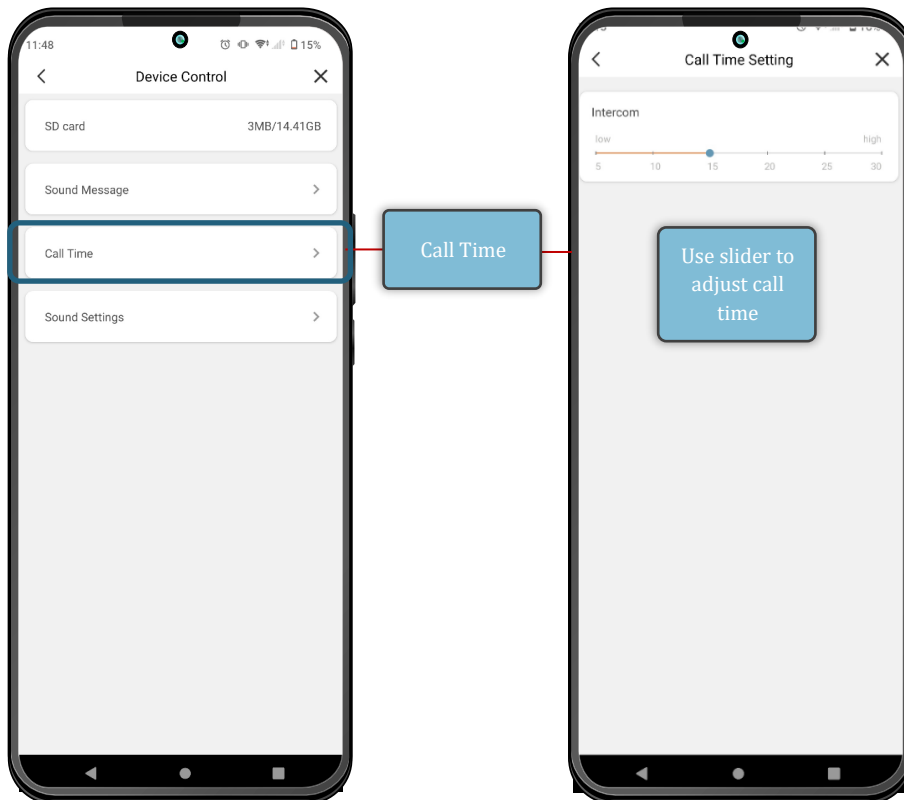


2.3.2. Sound Message

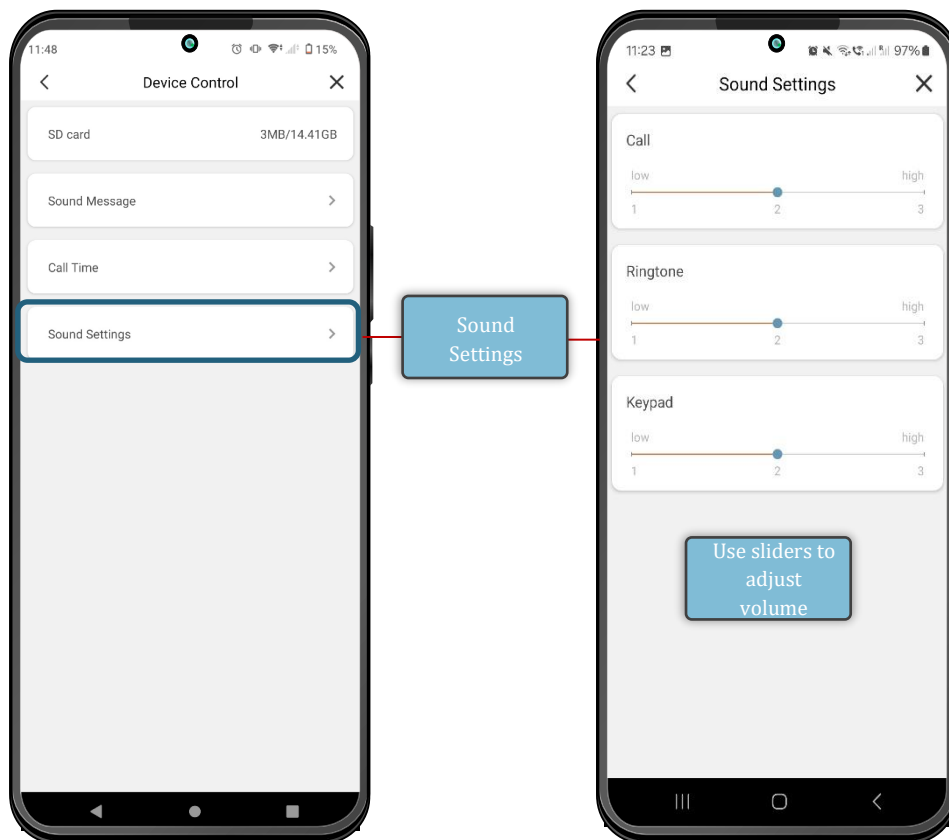




2.3.3. Call Time

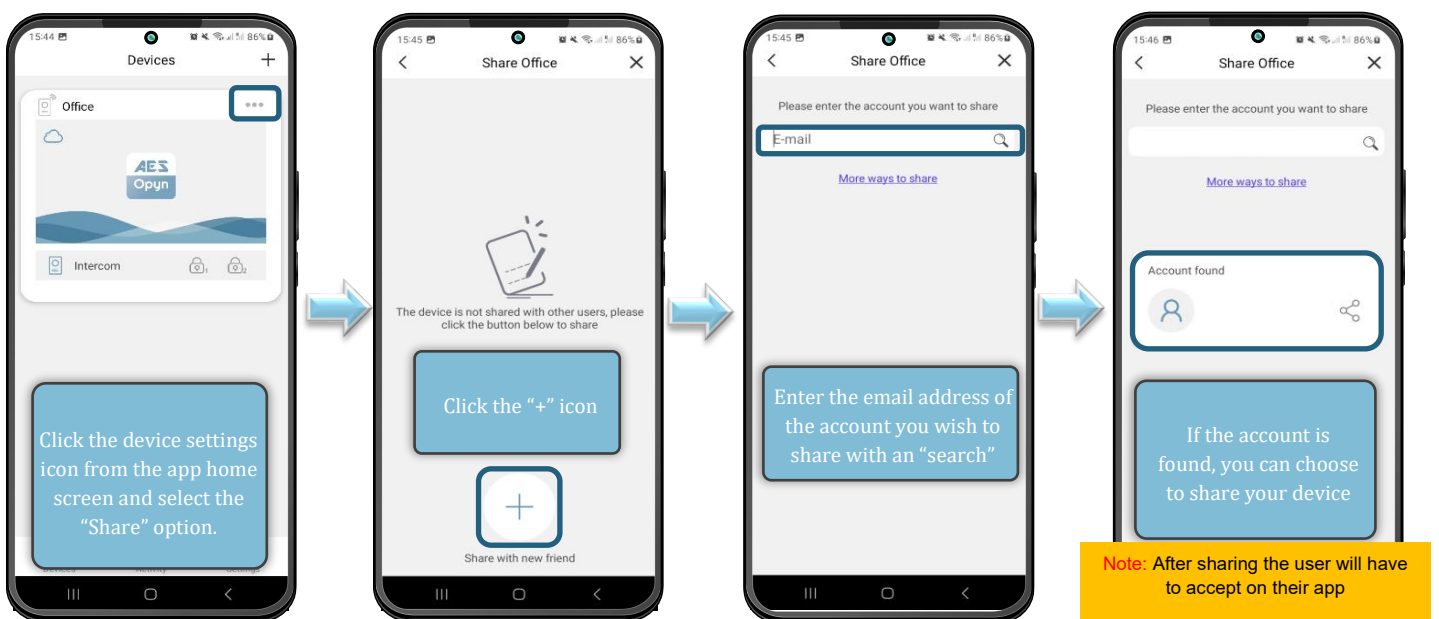


2.3.4. Sound Settings

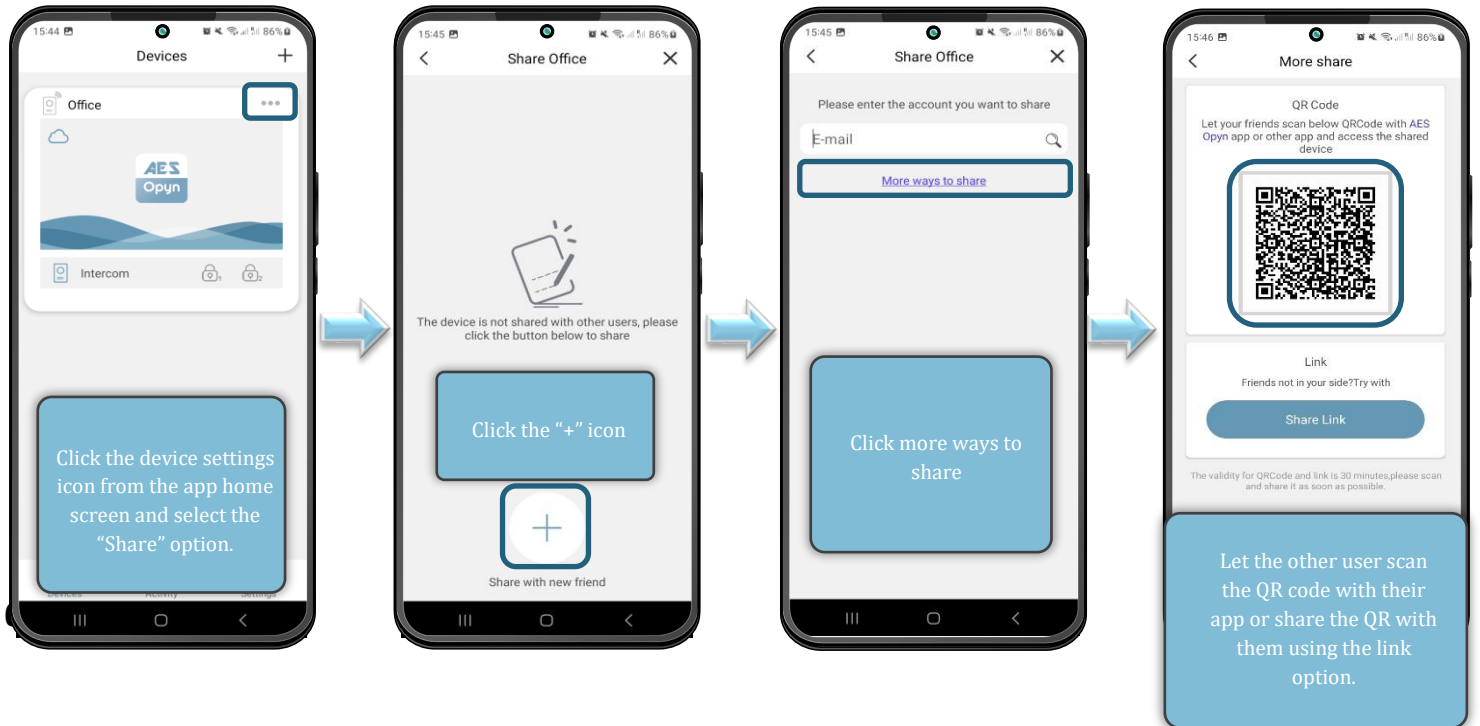


2.4. Share Device

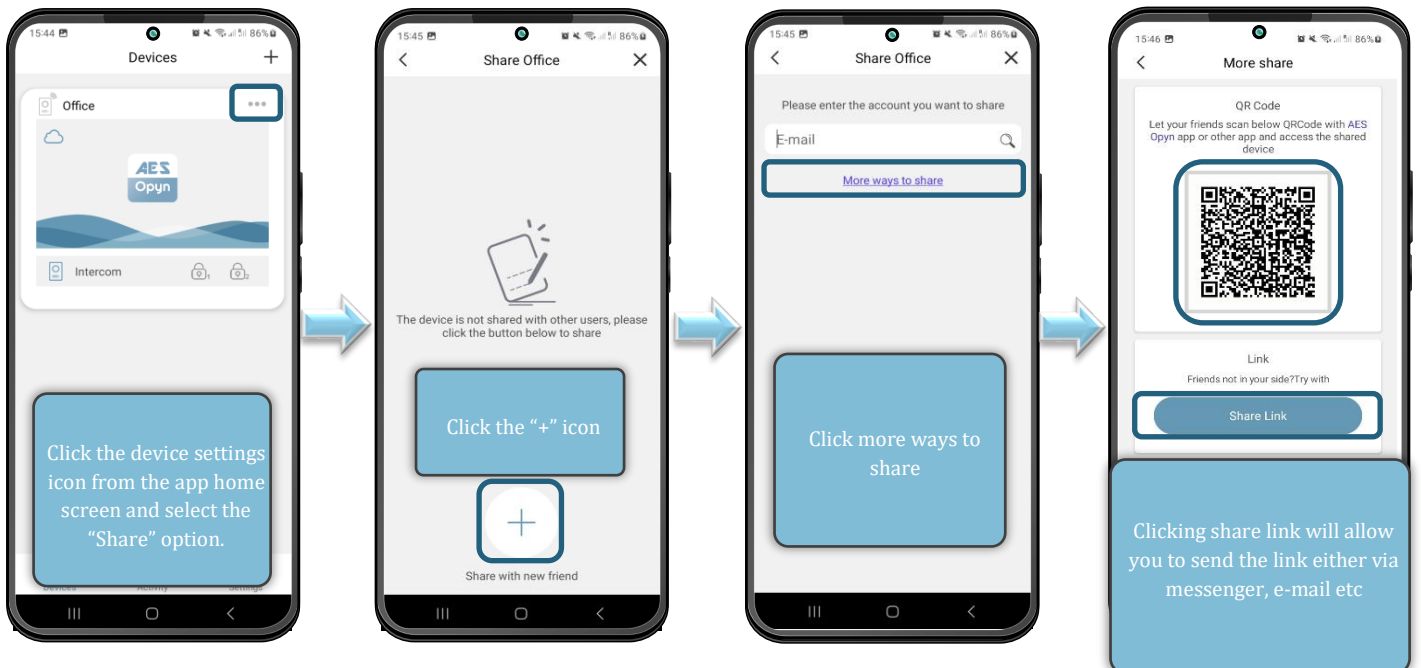
2.4.1. Search Account



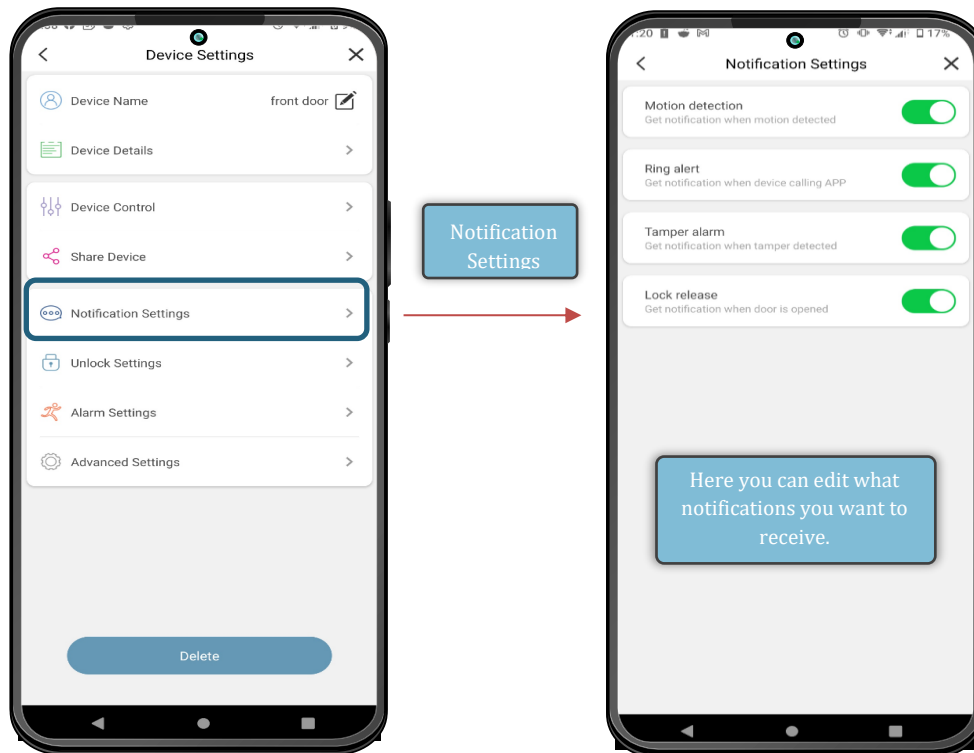
2.4.2. QR Code



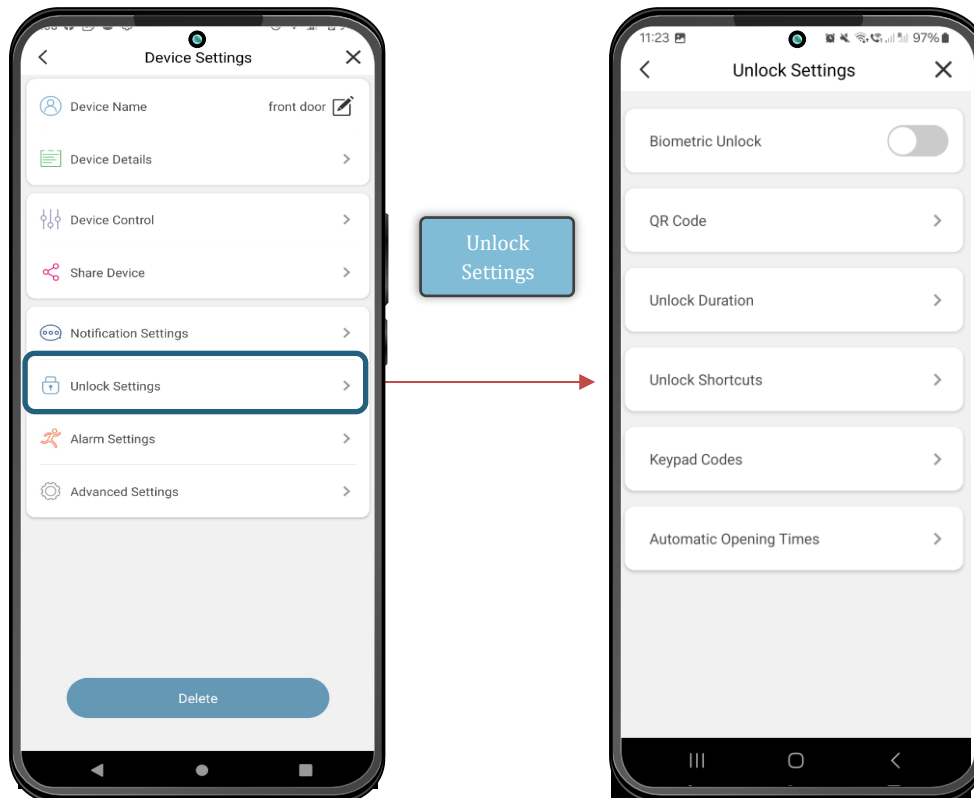
2.4.3. Share Link



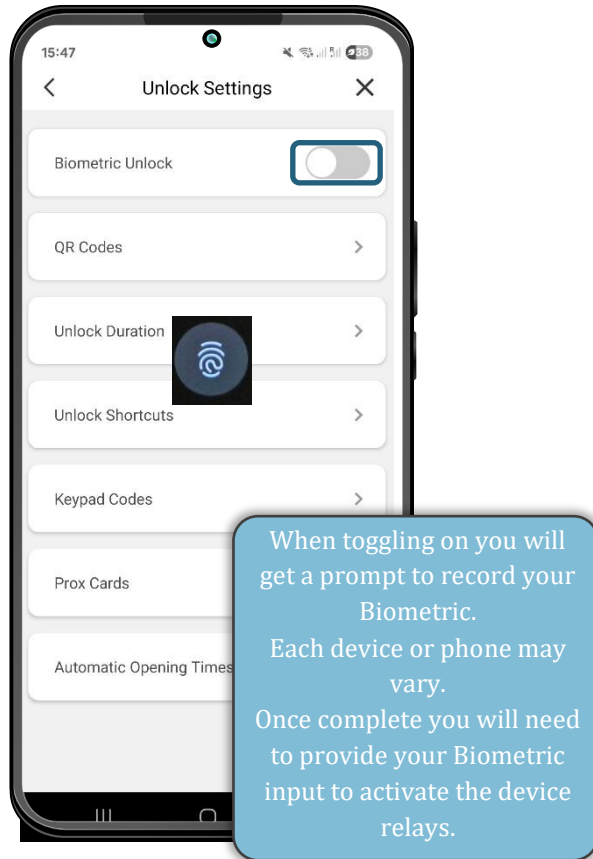
2.5. Notification Settings



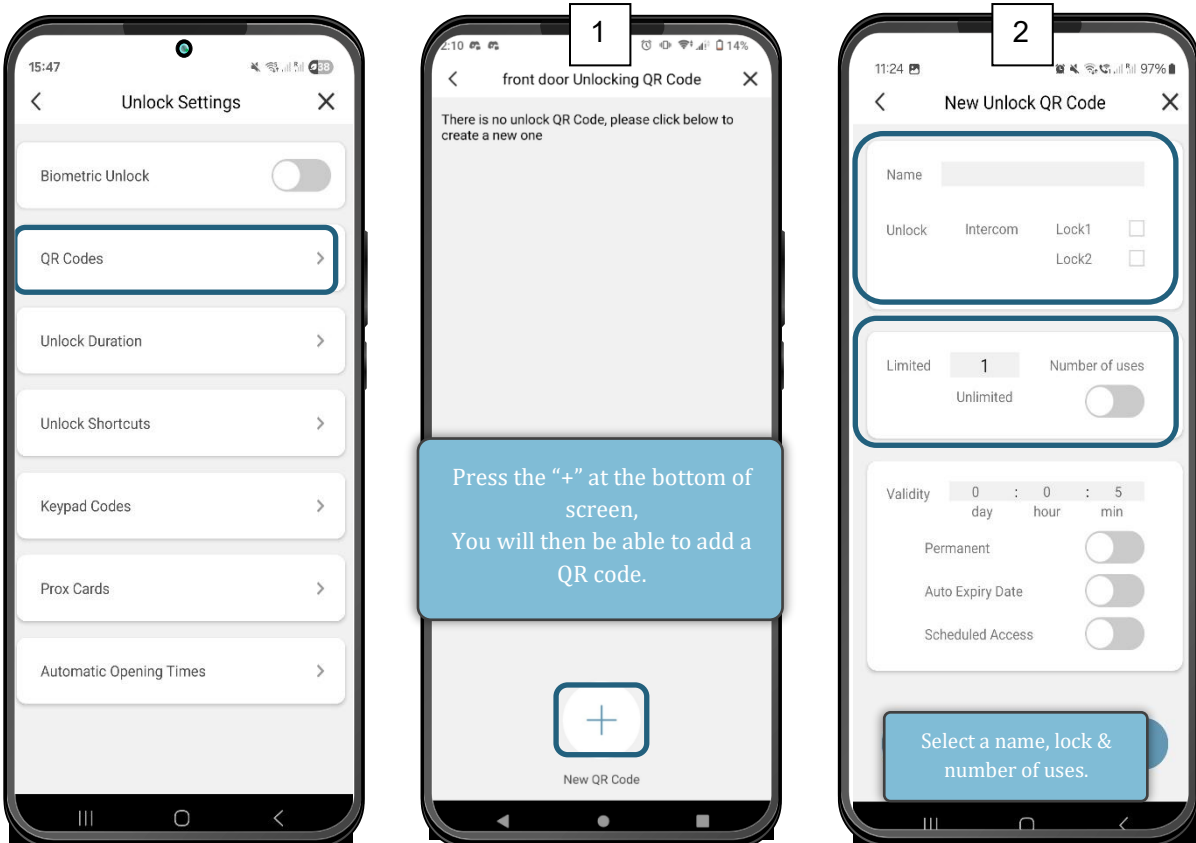
2.6. Unlock Settings



2.6.1. Biometric Unlock



2.6.2. QR Codes



Set "Validity" time with either "Permanent", "Auto Expiry date" & "Scheduled Access".

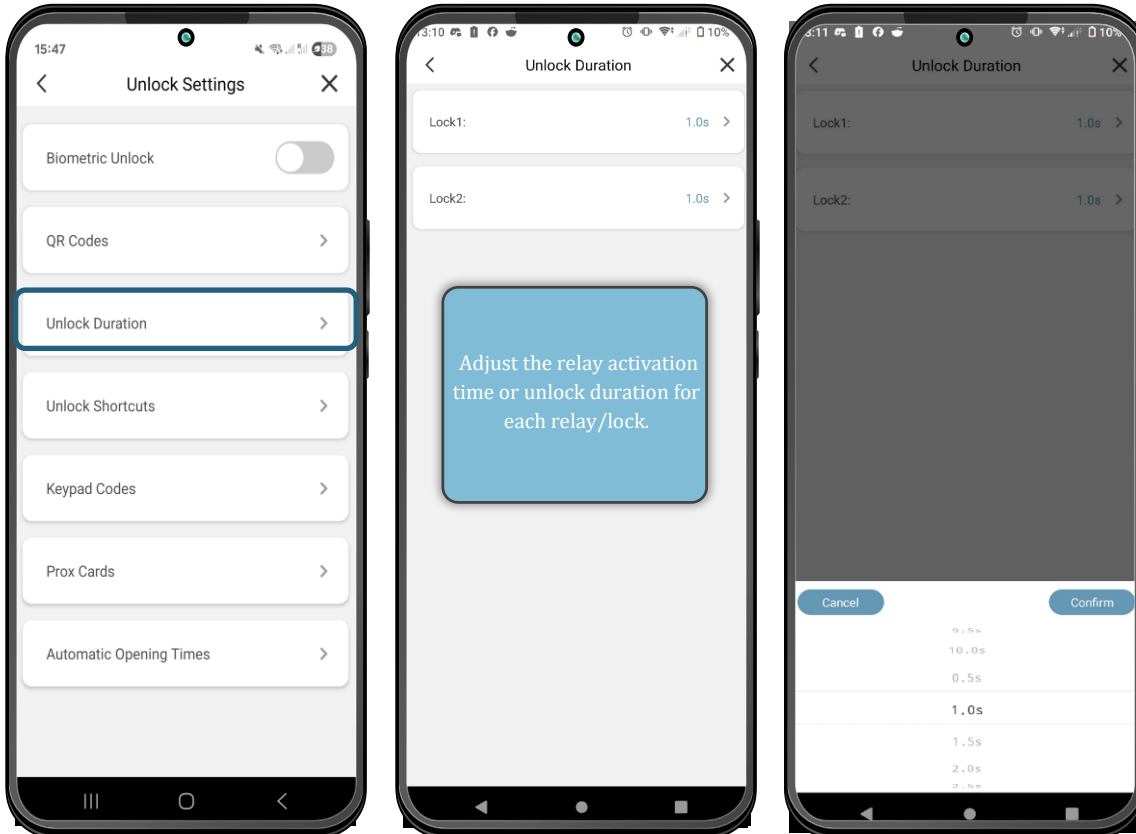
Permanent – The code will work 24/7 and never expire.

Auto Expiry – Set a start time and end time for when the code should work, then expire.

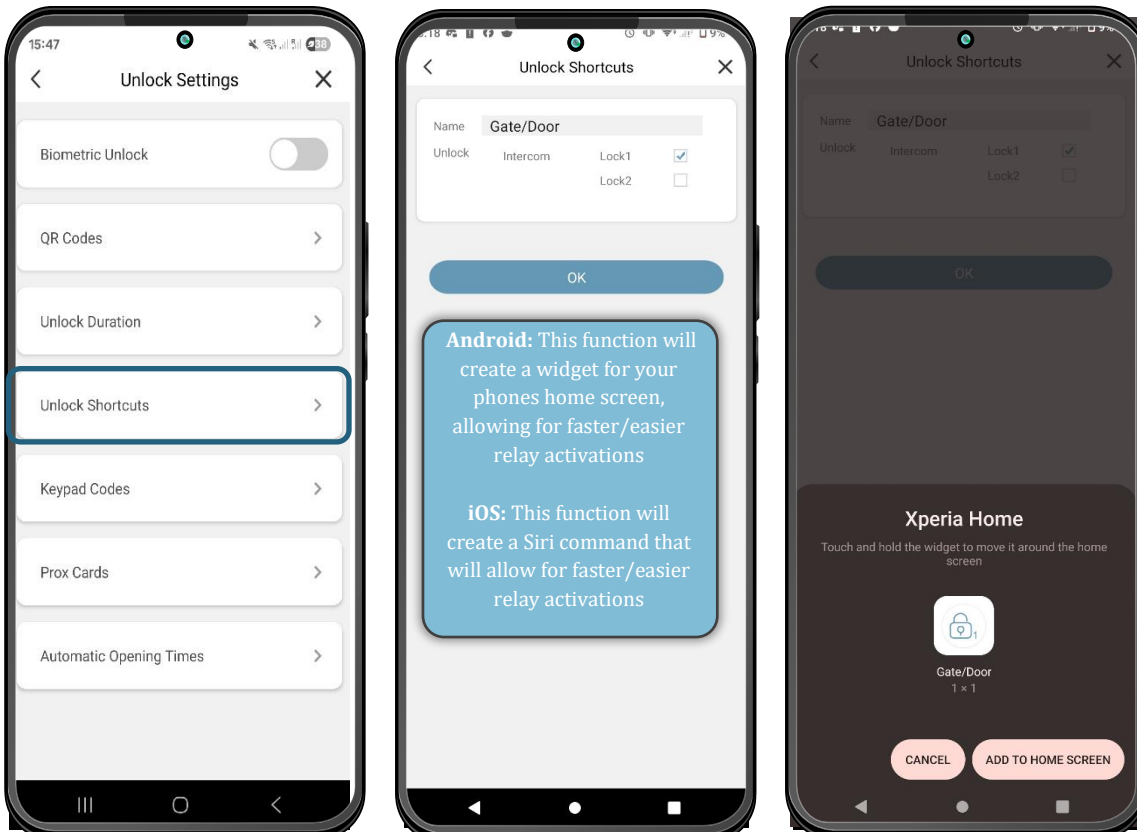
Scheduled Access – Set specific days/times in which the code should work. This option requires you to select Permanent or Auto Expiry first.



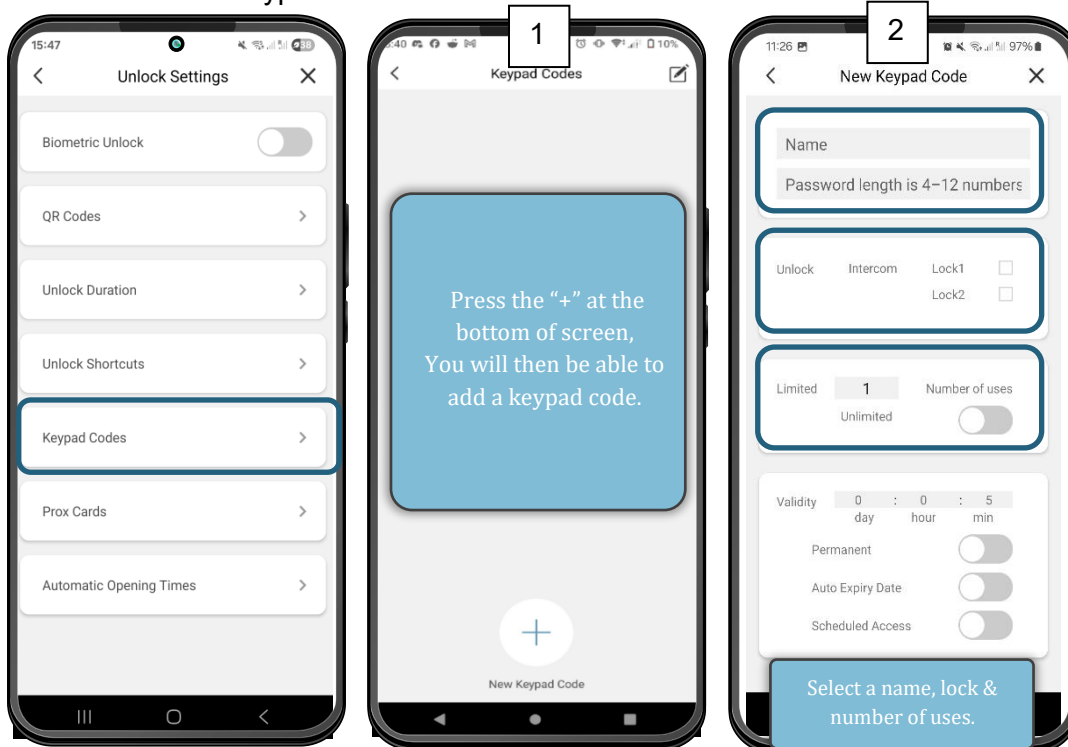
2.6.3. Unlock Duration



2.6.4. Unlock Shortcuts



2.6.5. Keypad Codes

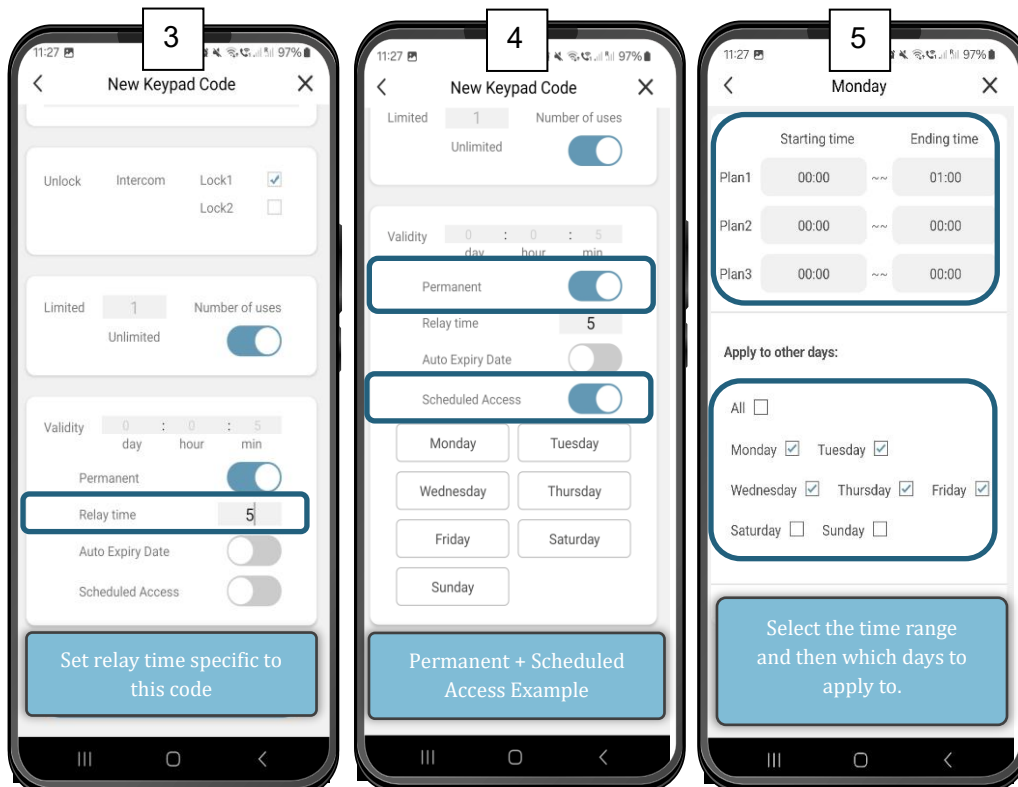


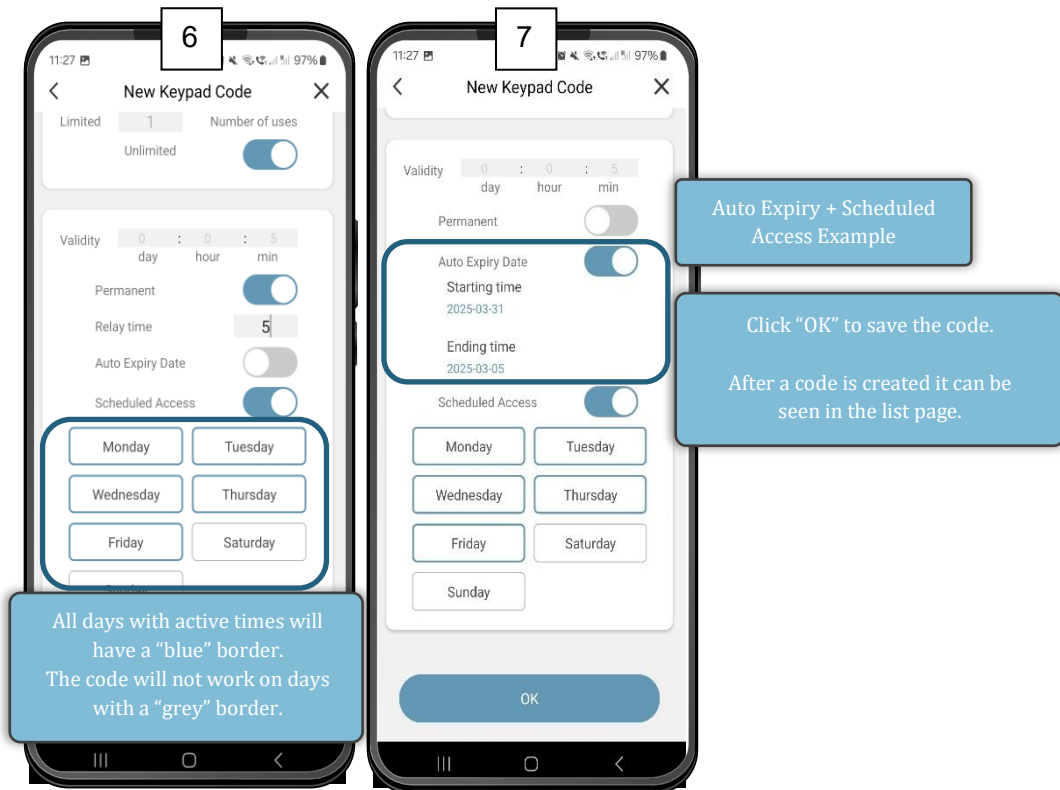
Set "Validity" time with either "Permanent", "Auto Expiry date" & "Scheduled Access".

Permanent – The code will work 24/7 and never expire.

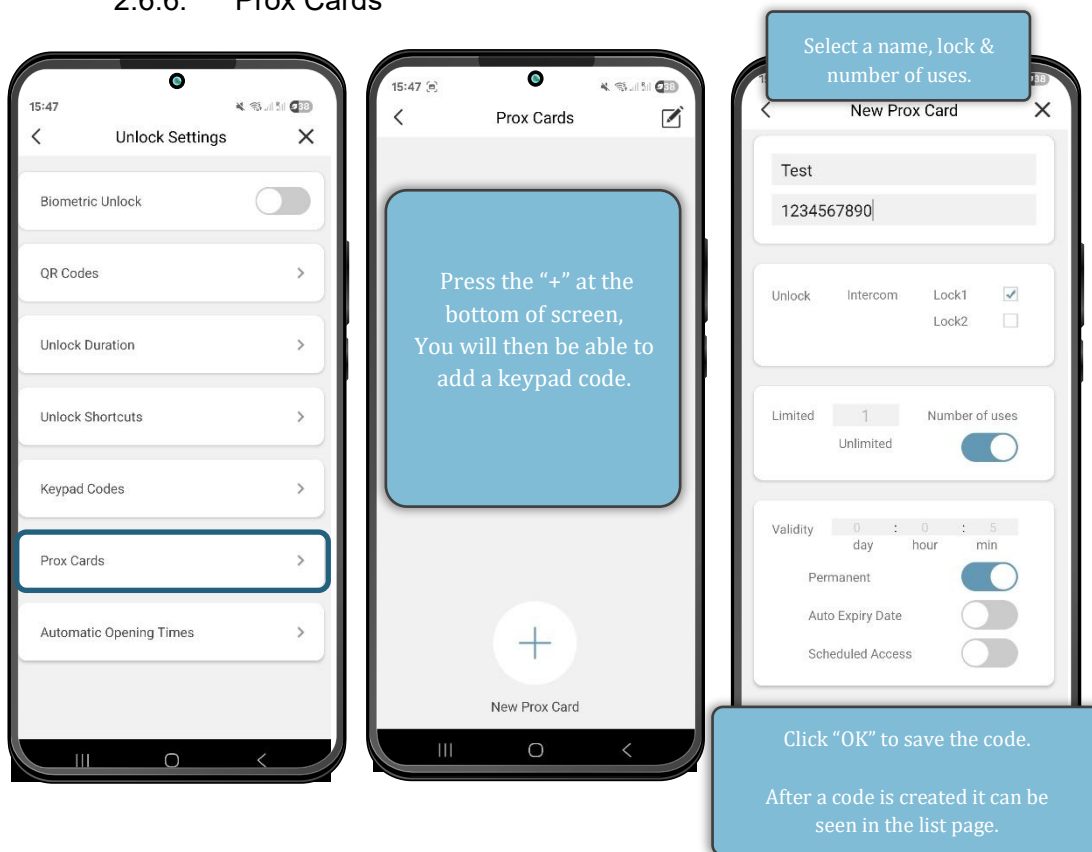
Auto Expiry – Set a start time and end time for when the code should work, then expire.

Scheduled Access – Set specific days/times in which the code should work. This option requires you to select Permanent or Auto Expiry first.





2.6.6. Prox Cards



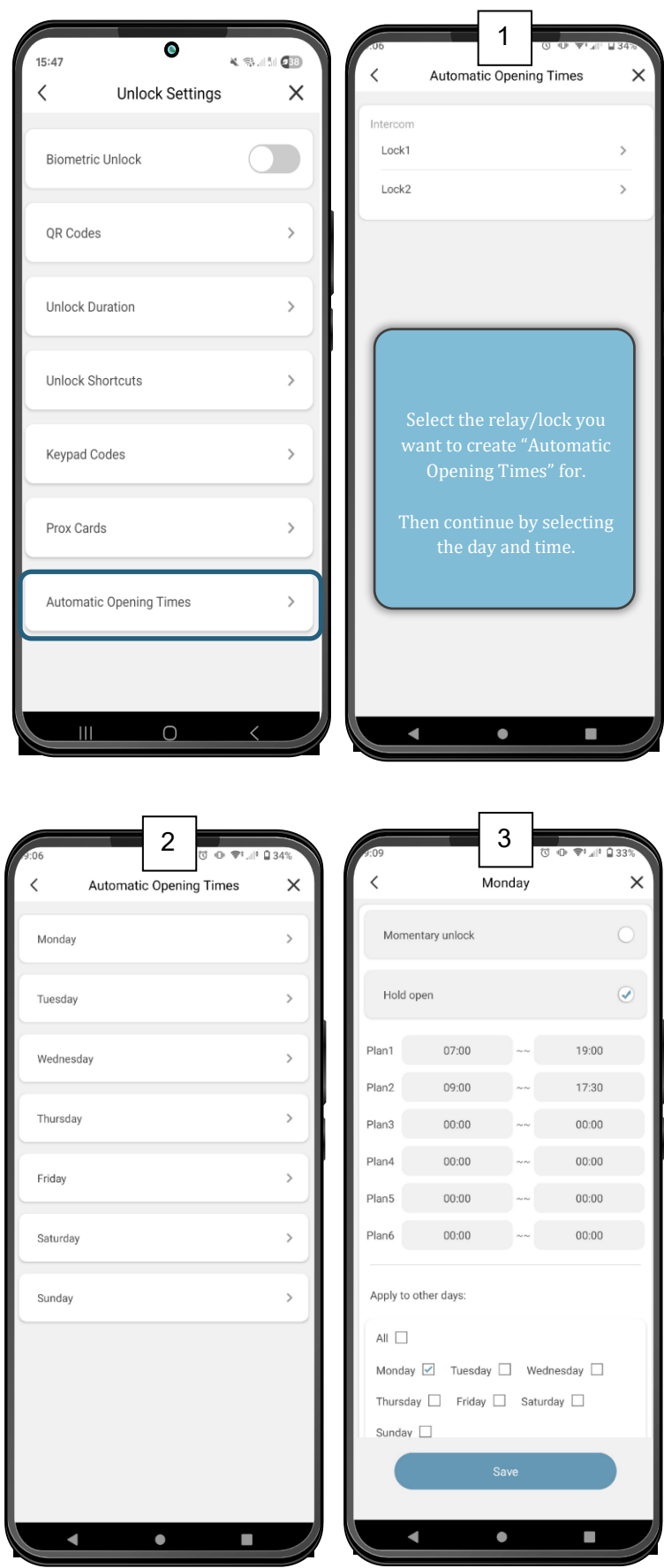
Set "Validity" time with either "Permanent", "Auto Expiry date" & "Scheduled Access".

Permanent – The code will work 24/7 and never expire.

Auto Expiry – Set a start time and end time for when the code should work, then expire.

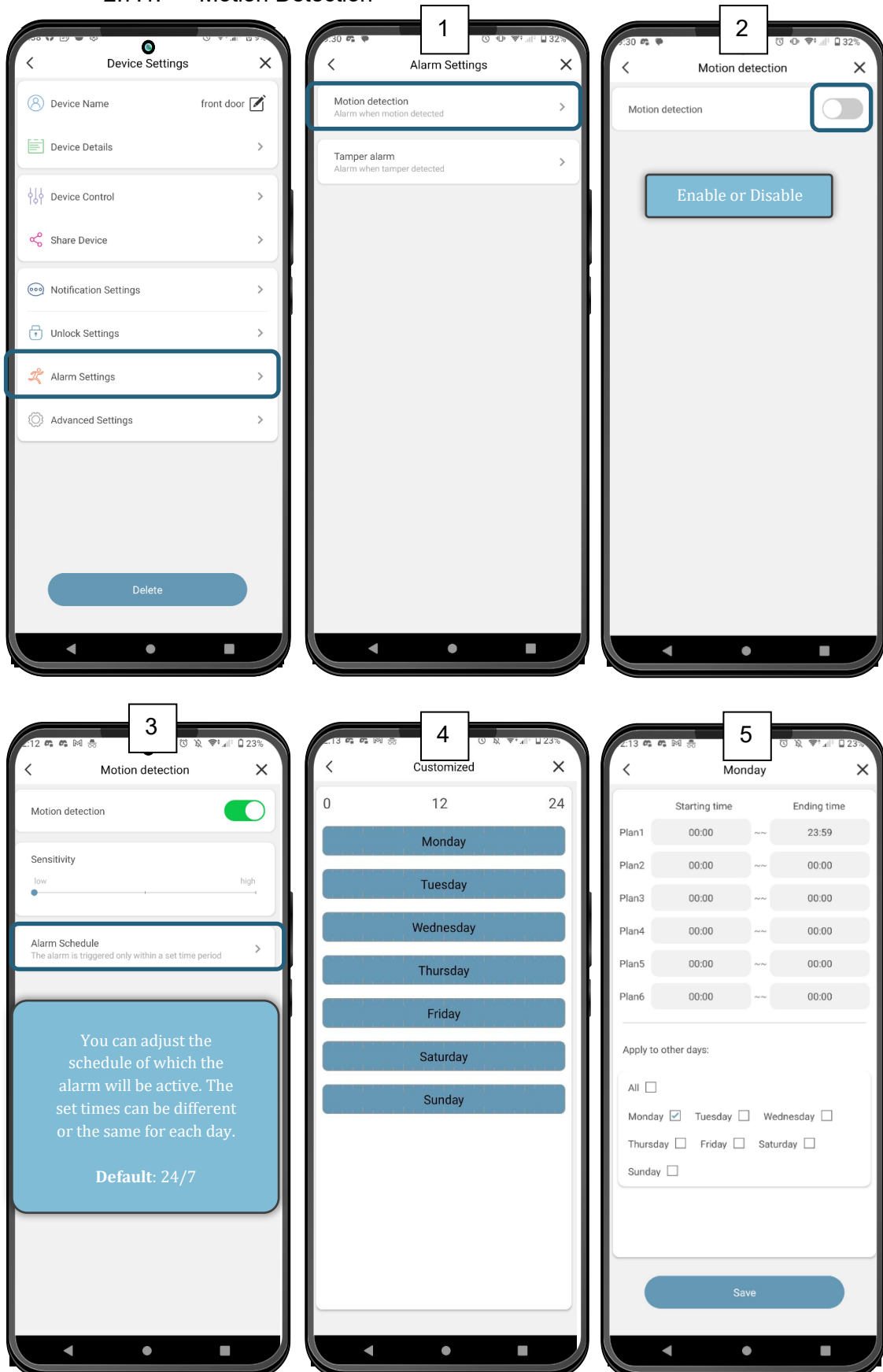
Scheduled Access – Set specific days/times in which the code should work. This option requires you to select Permanent or Auto Expiry first.

2.6.7. Automatic Opening Times

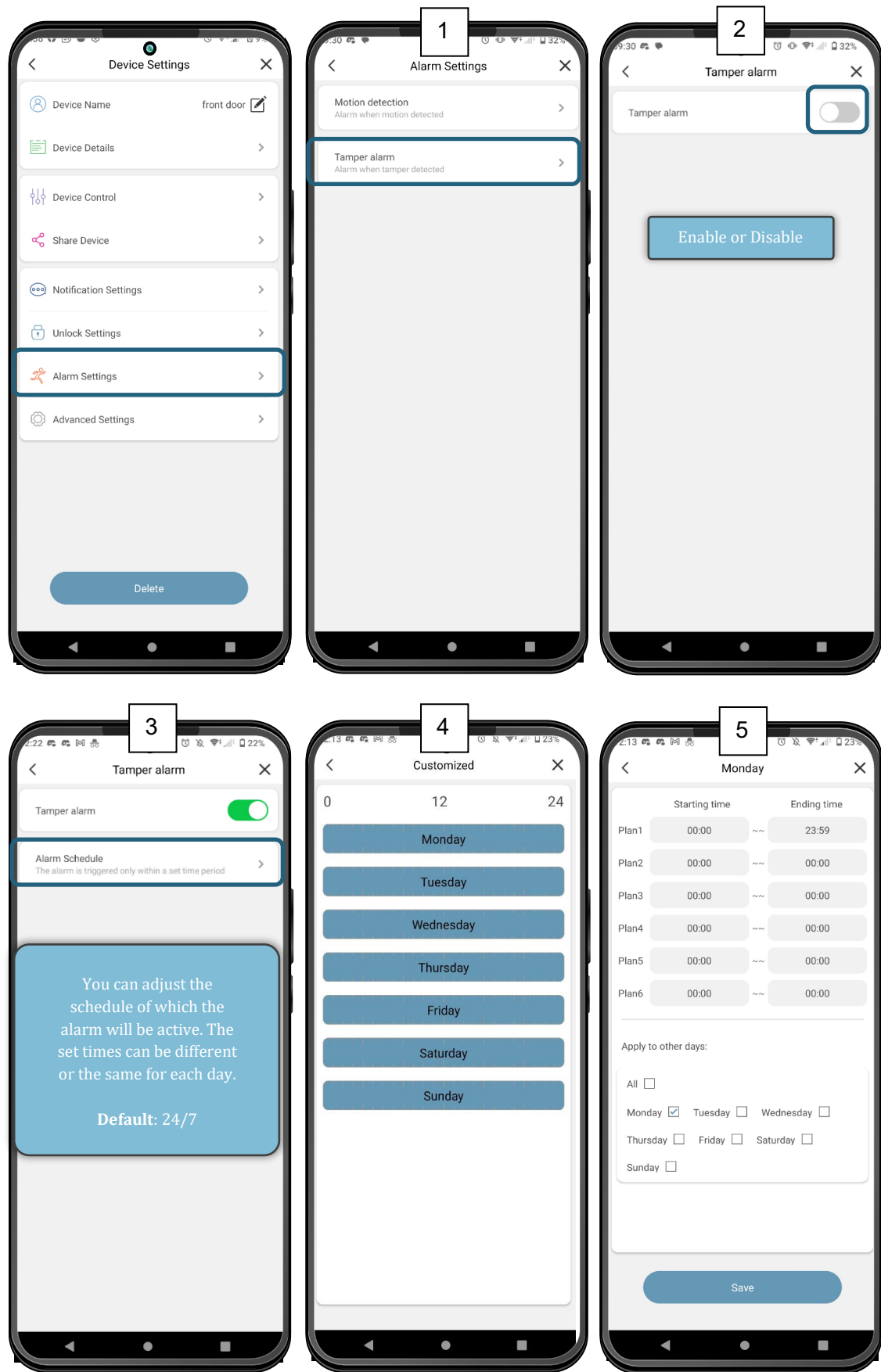


2.7. Alarm Settings

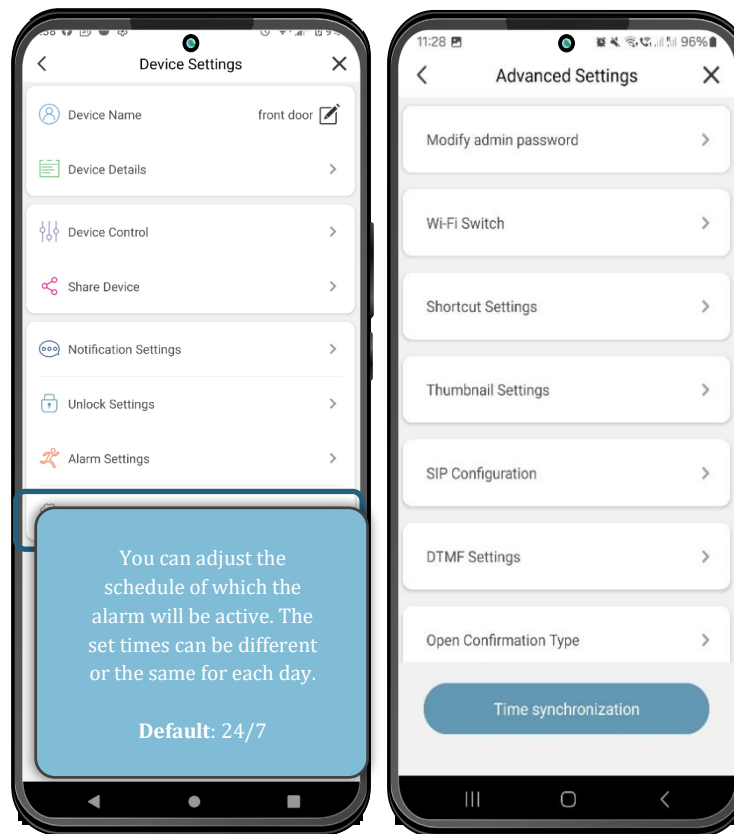
2.7.1. Motion Detection



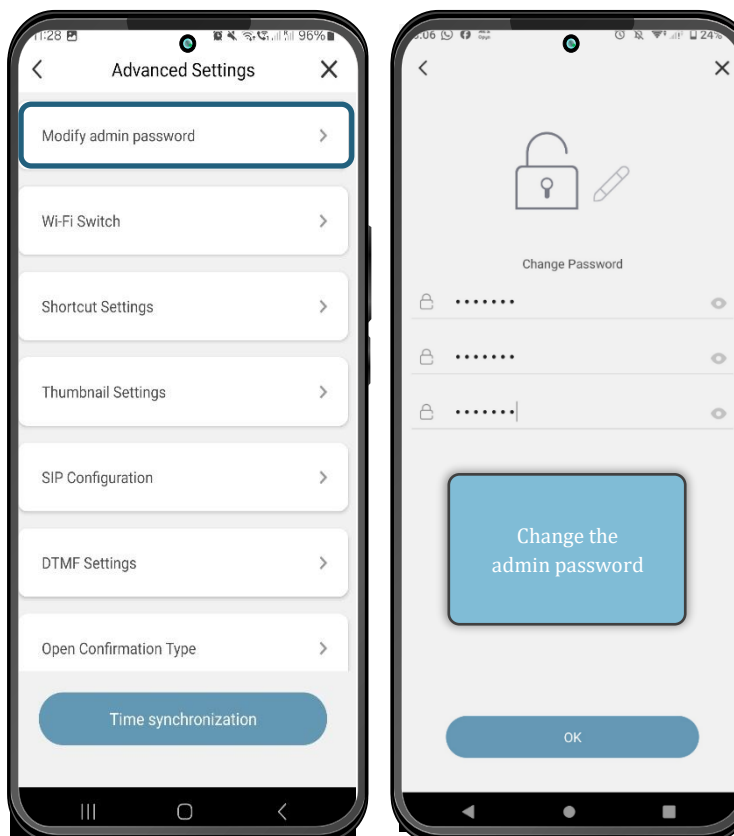
2.7.2. Tamper Alarm



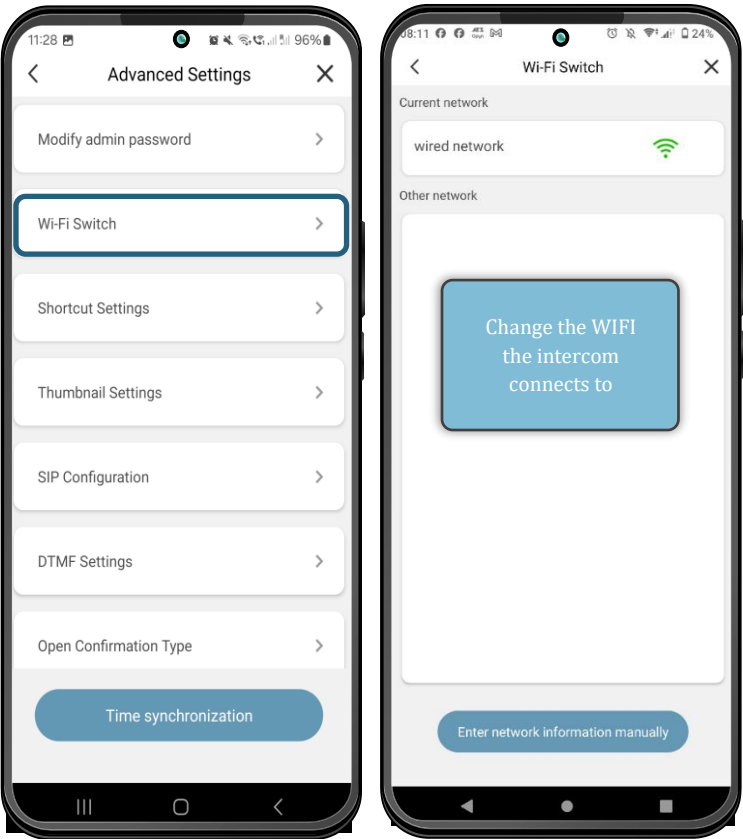
2.8. Advanced Settings



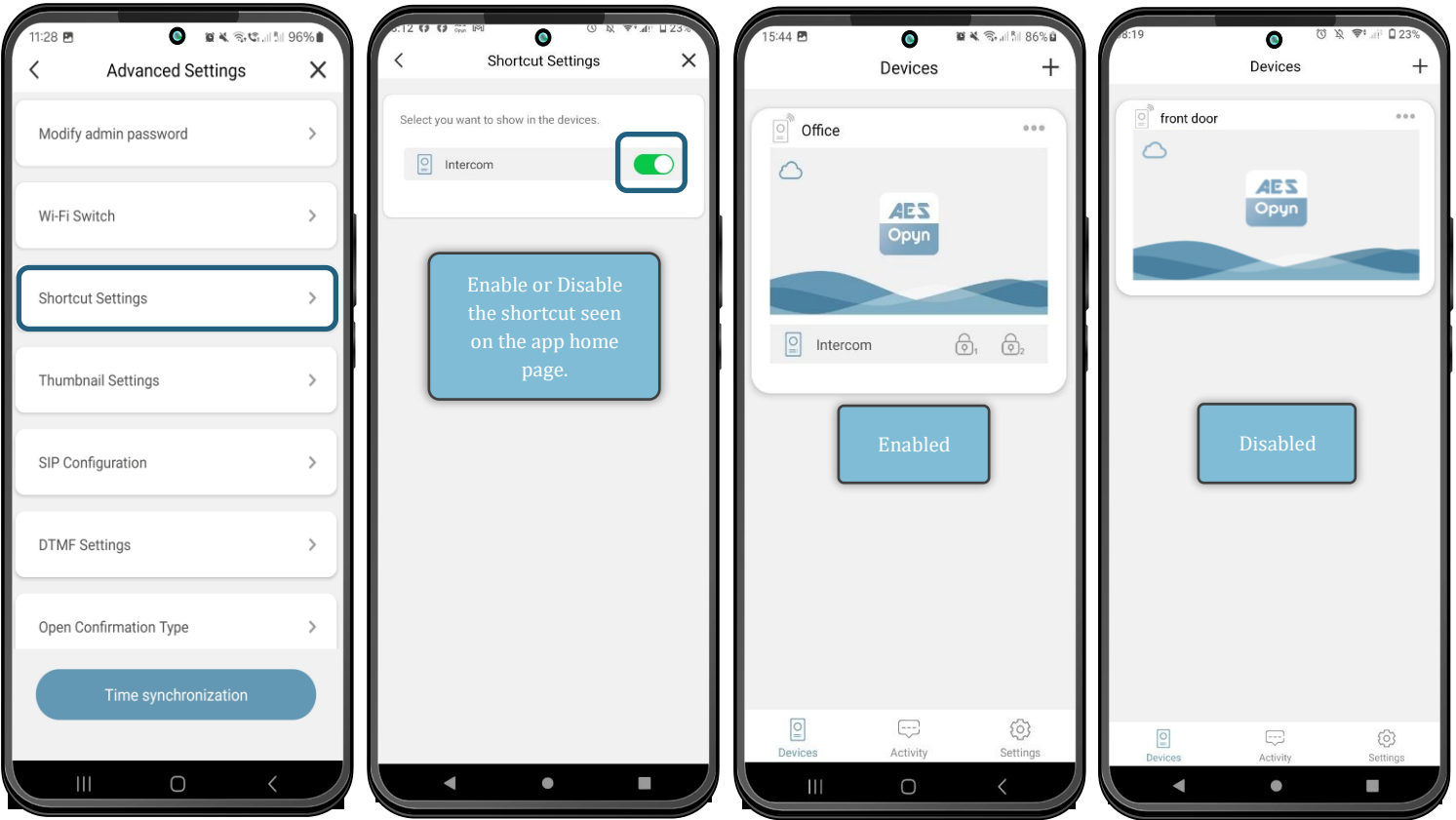
2.8.1. Modify Admin Password



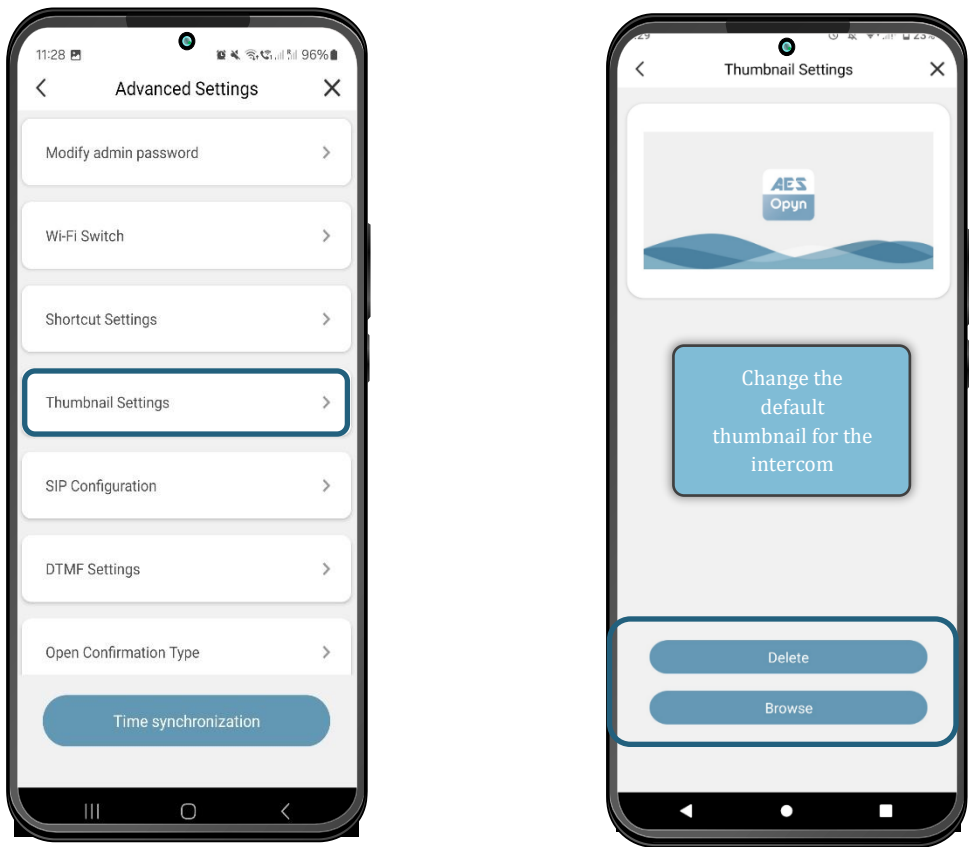
2.8.2. Wi-fi Switch



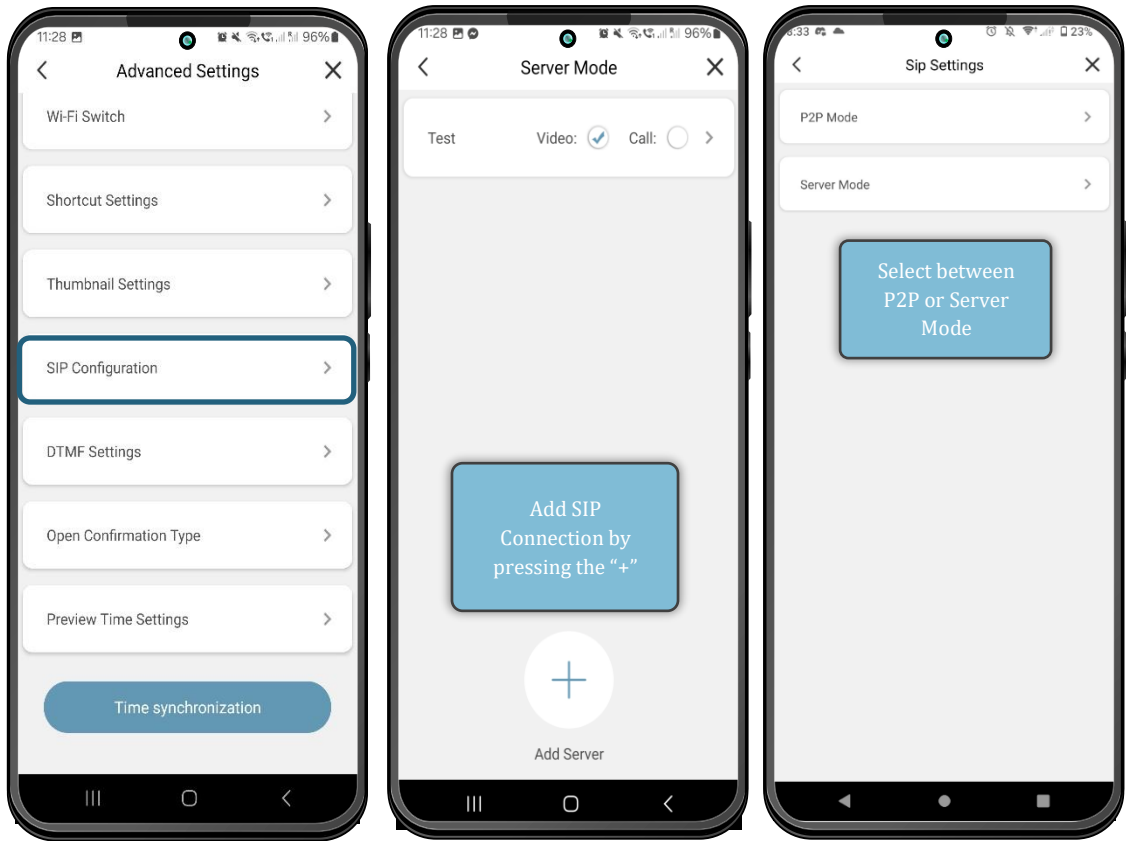
2.8.3. Shortcut Settings



2.8.4. Thumbnail Settings

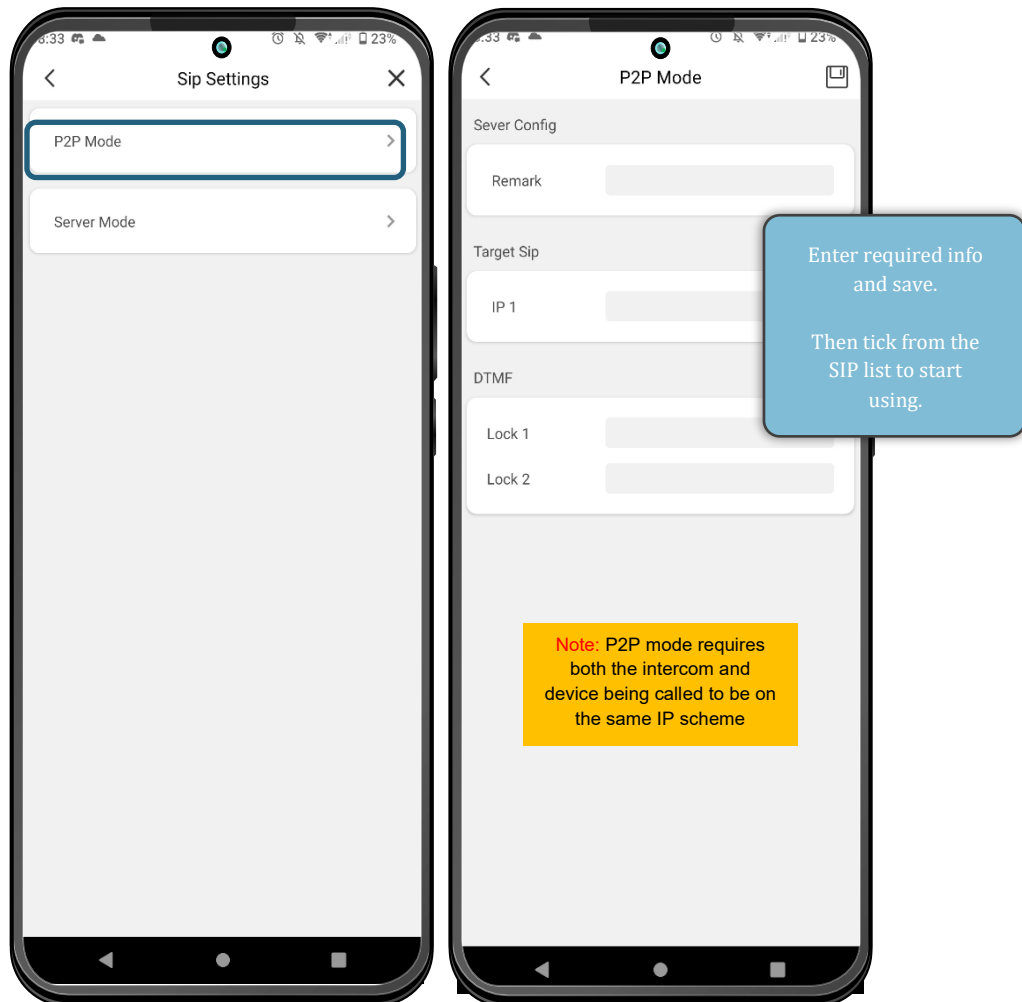


2.8.5. SIP Configuration

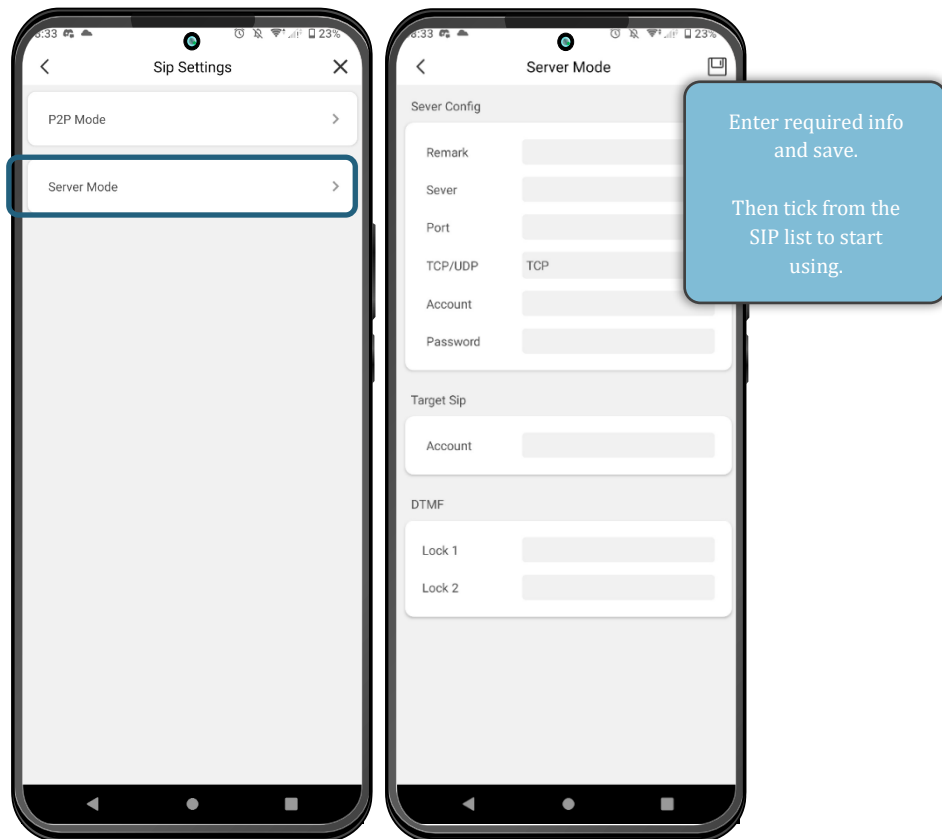


P2P Mode

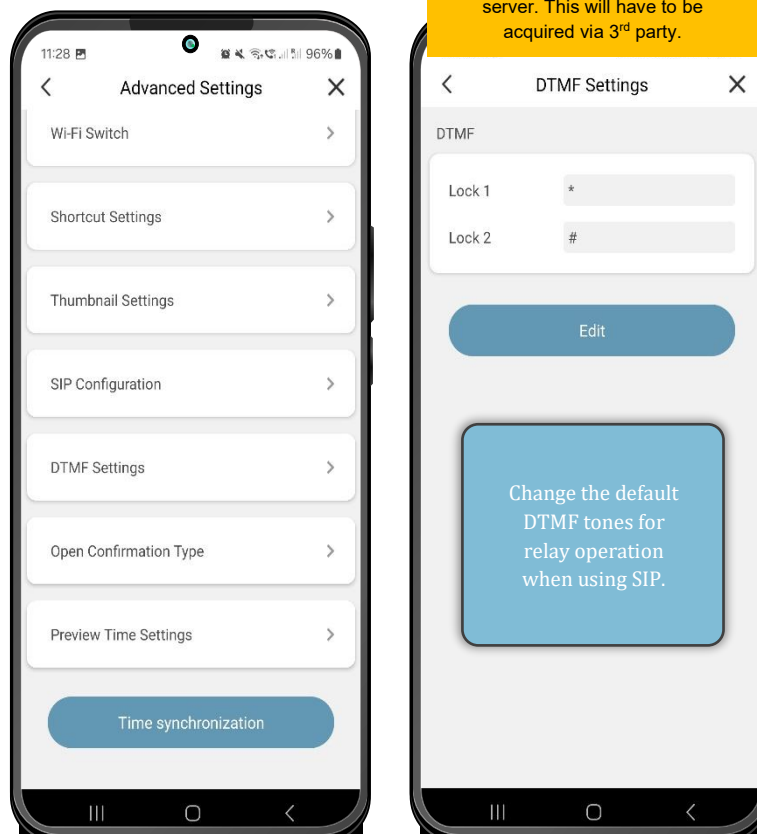
This is the most common mode to use as it allows you to easily connect your Opyn Pro to other SIP devices just by being on the same network. You can also use this to call Opyn Monitor(s) allowing for seamless SIP calling.



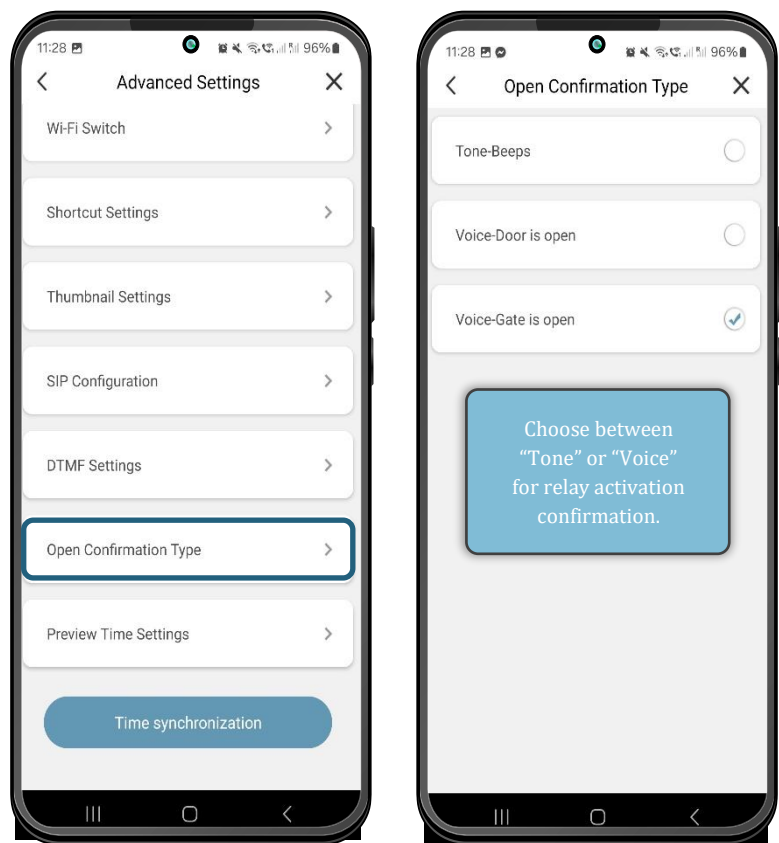
Server Mode



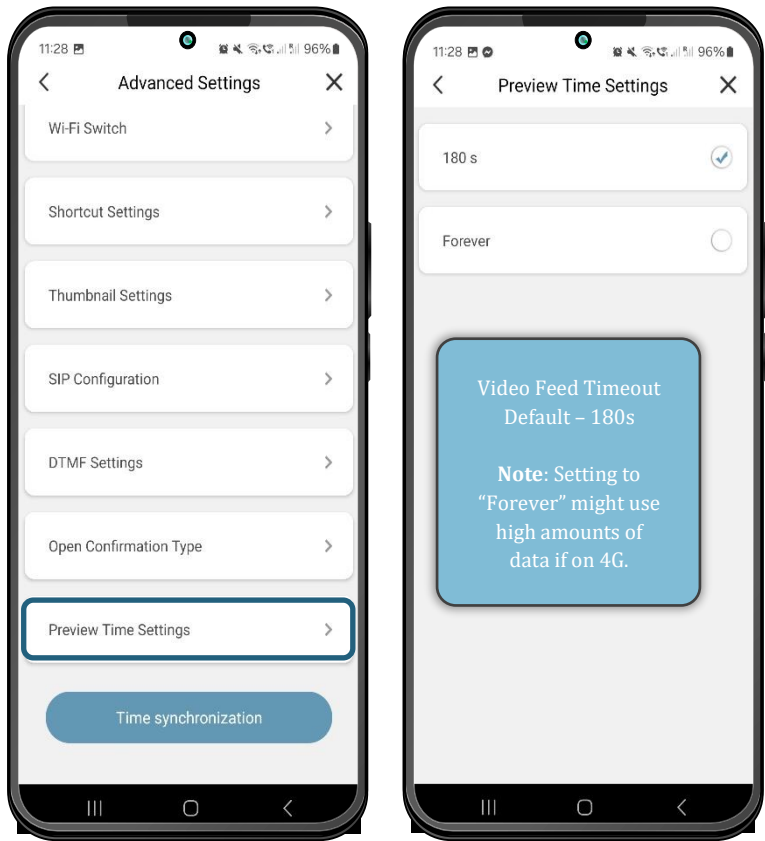
2.8.6. DTMF Settings



2.8.7. Open Confirmation Type

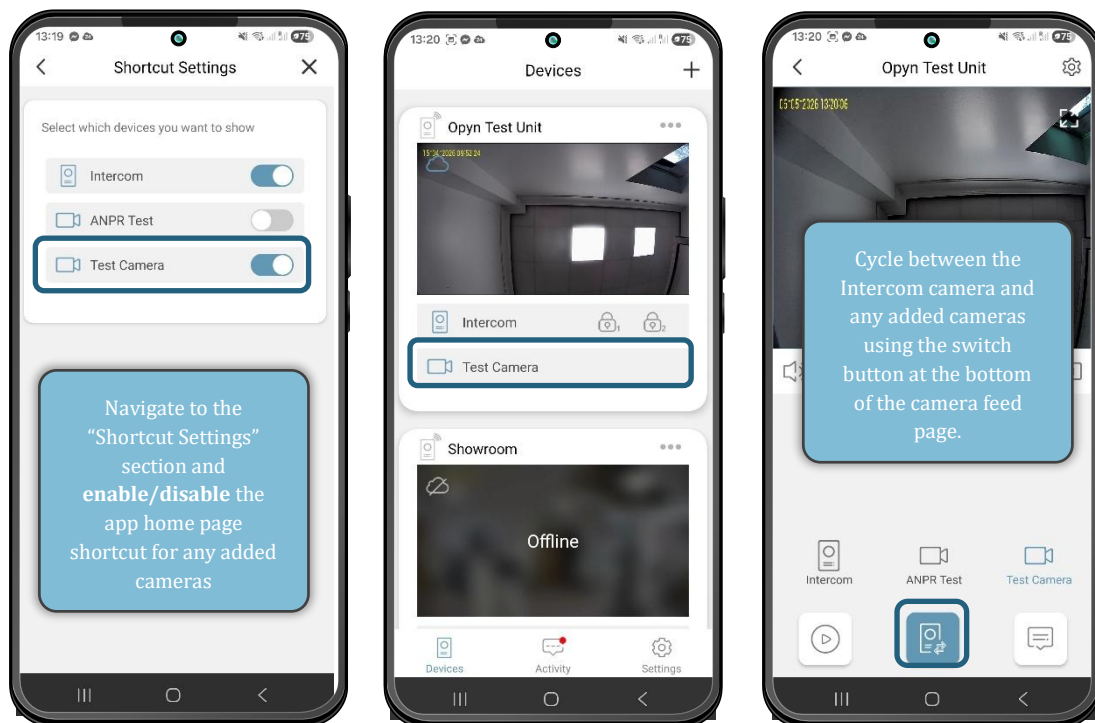
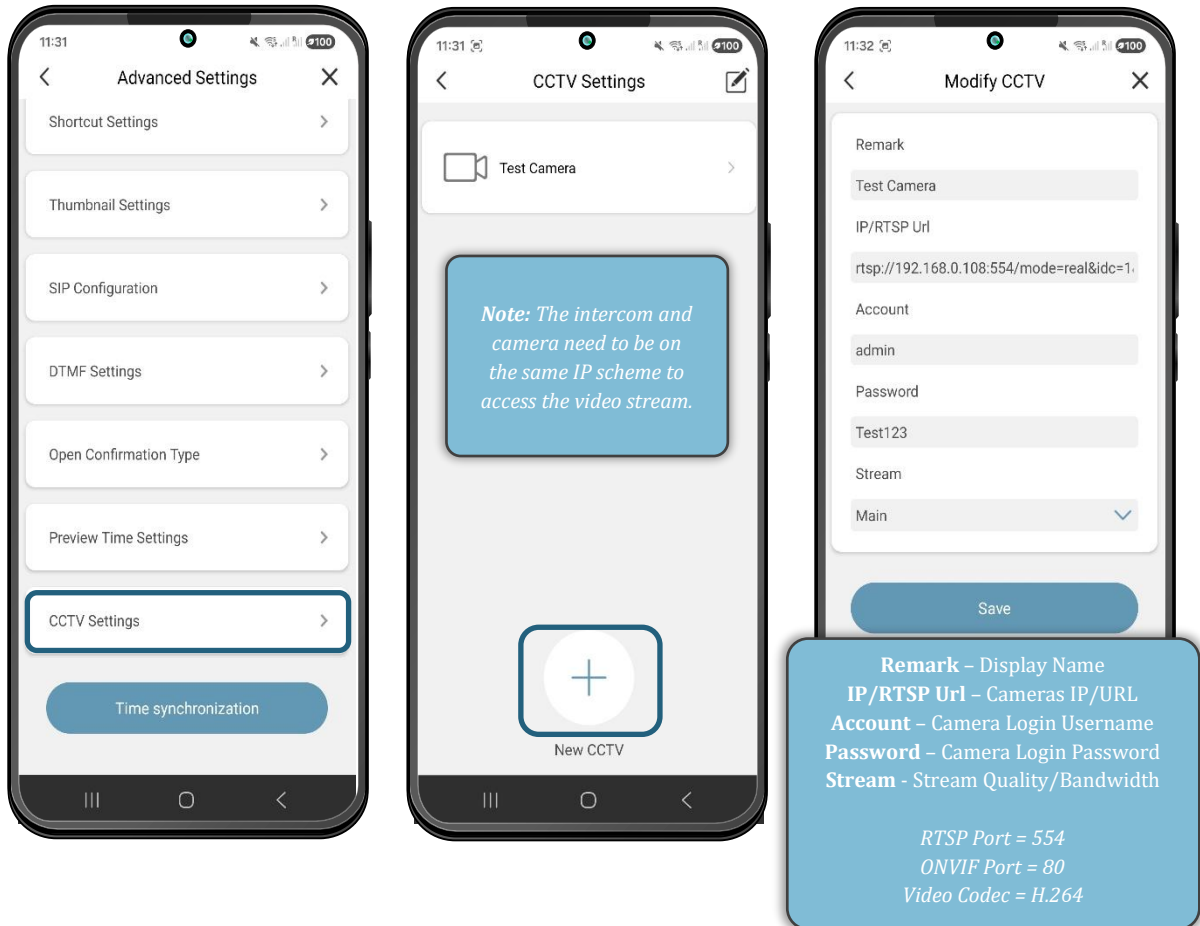


2.8.8. Preview Time Settings

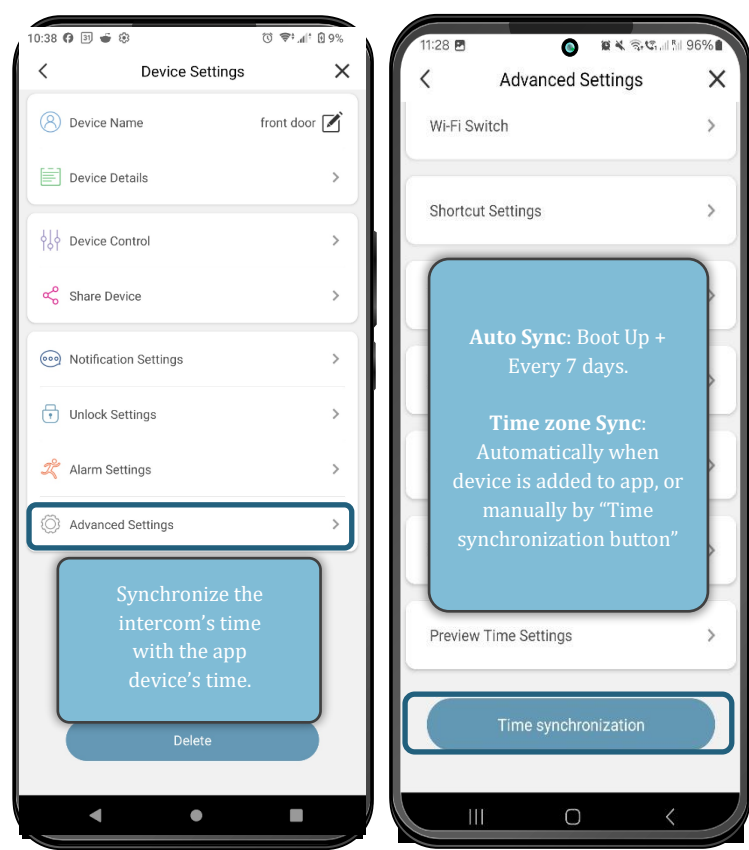


2.8.9. CCTV Settings

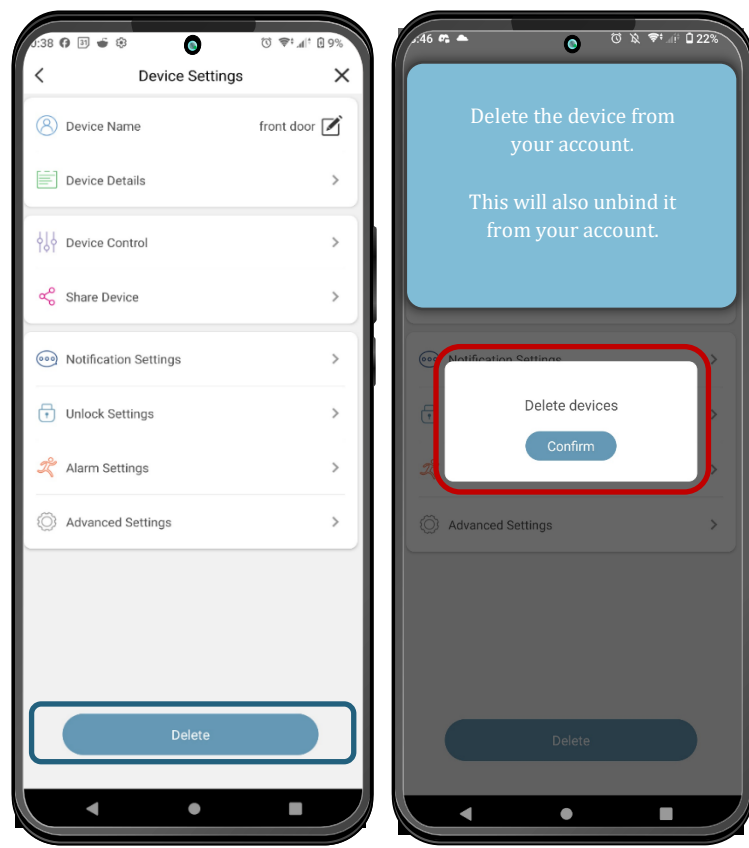
Add CCTV cameras to your Opyn device via ONVIF/RTSP.



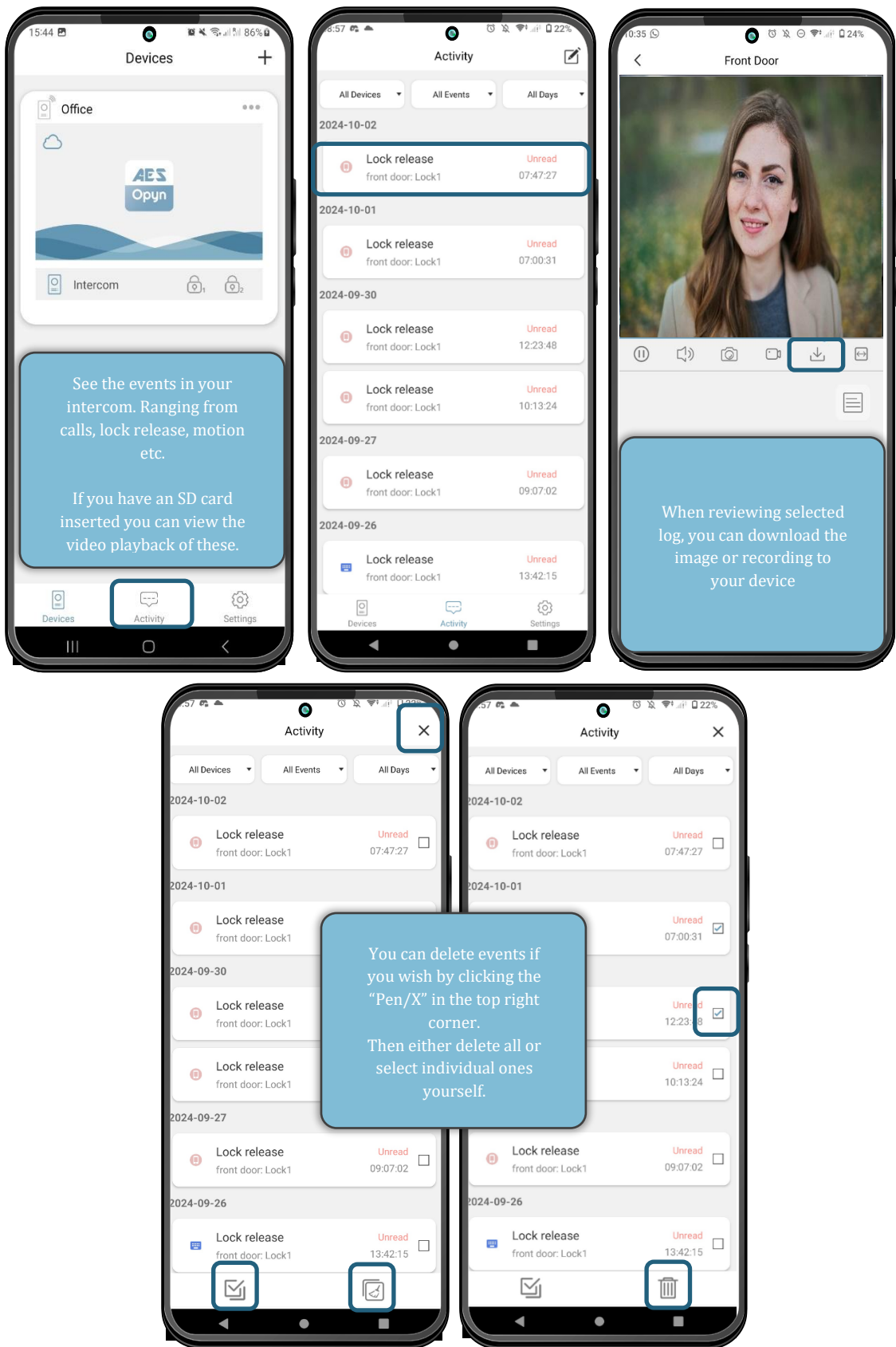
2.8.10. Time Synchronization



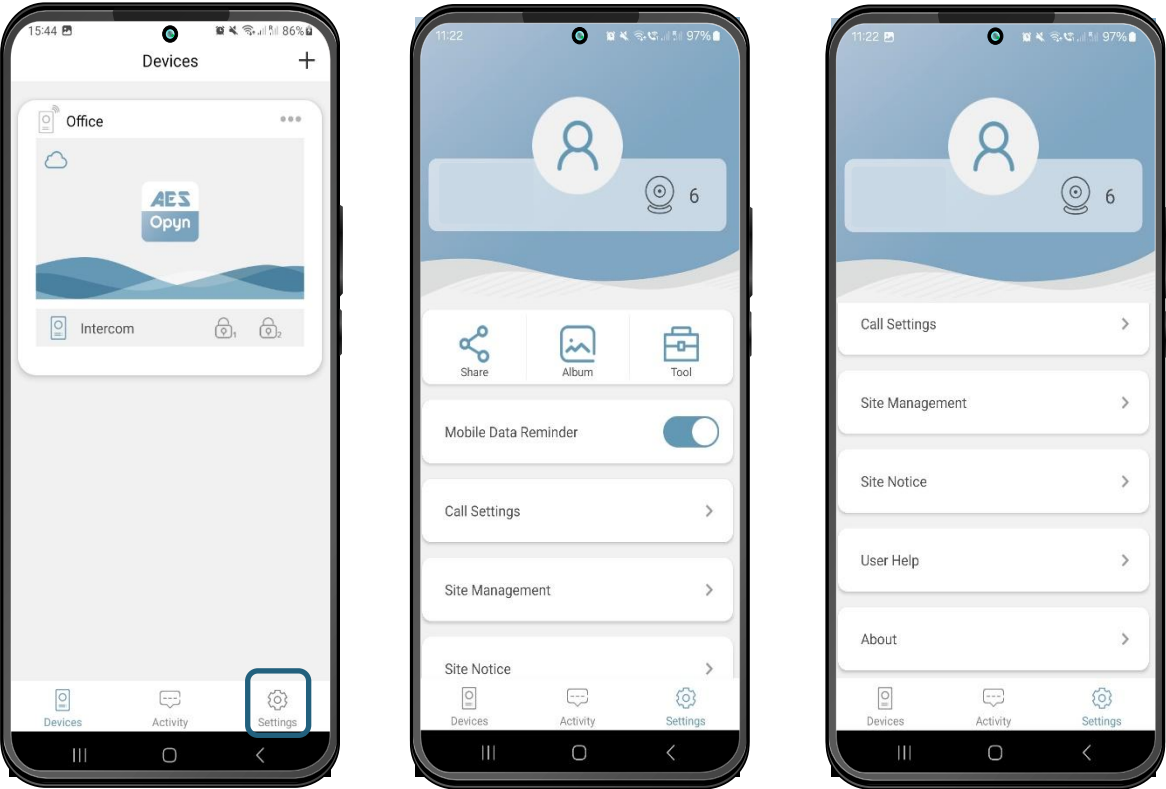
2.9. Delete



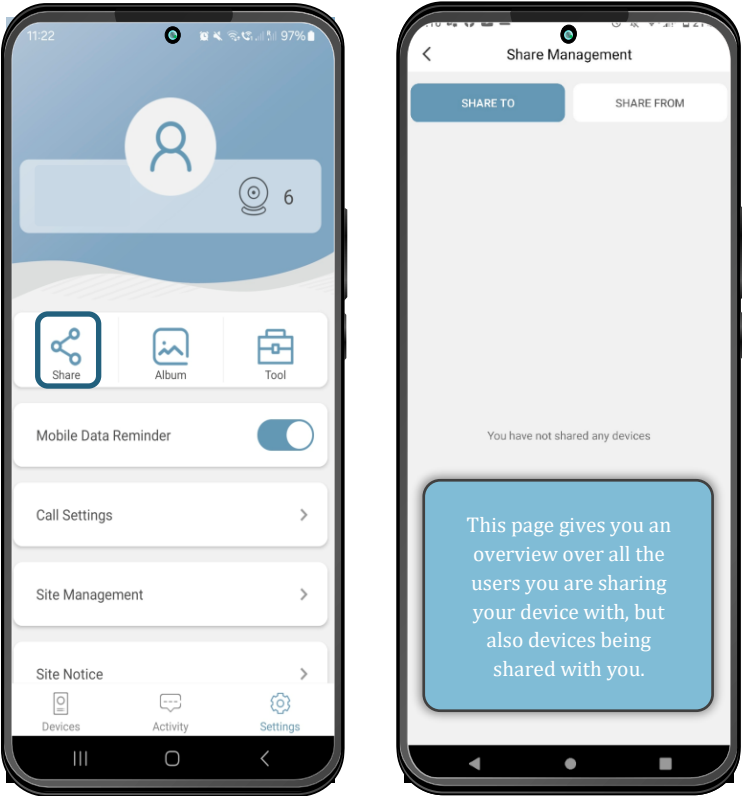
3. Activity Log



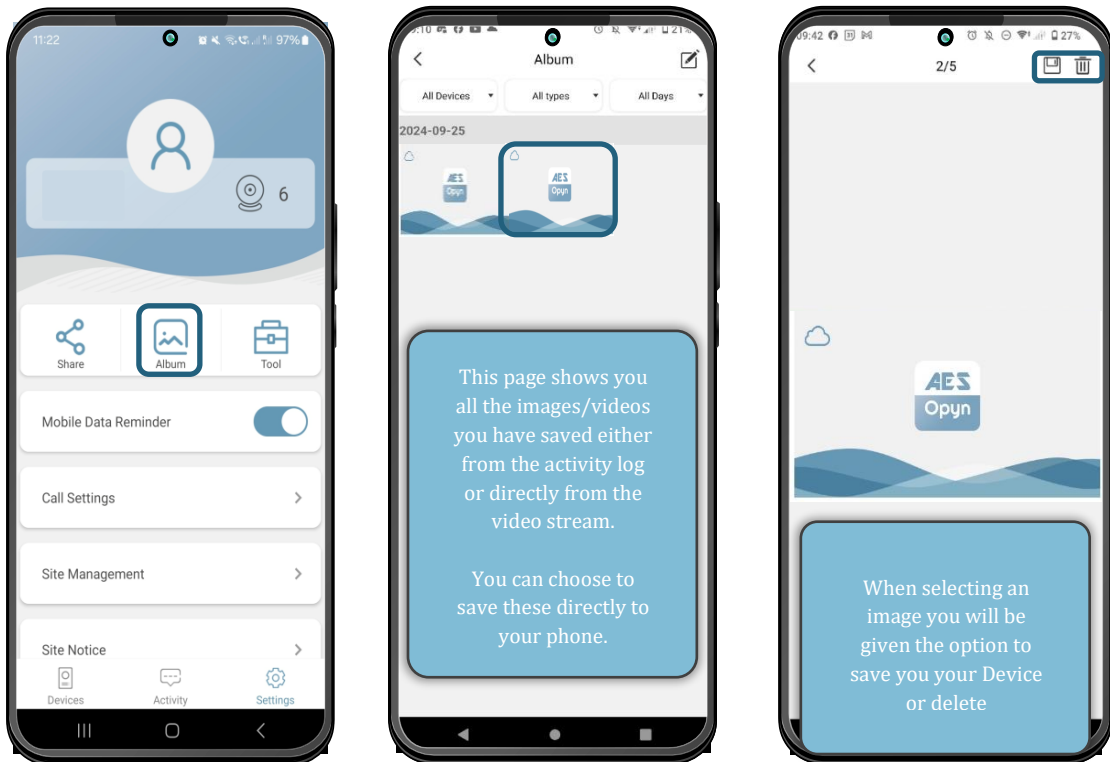
4. Settings (App)



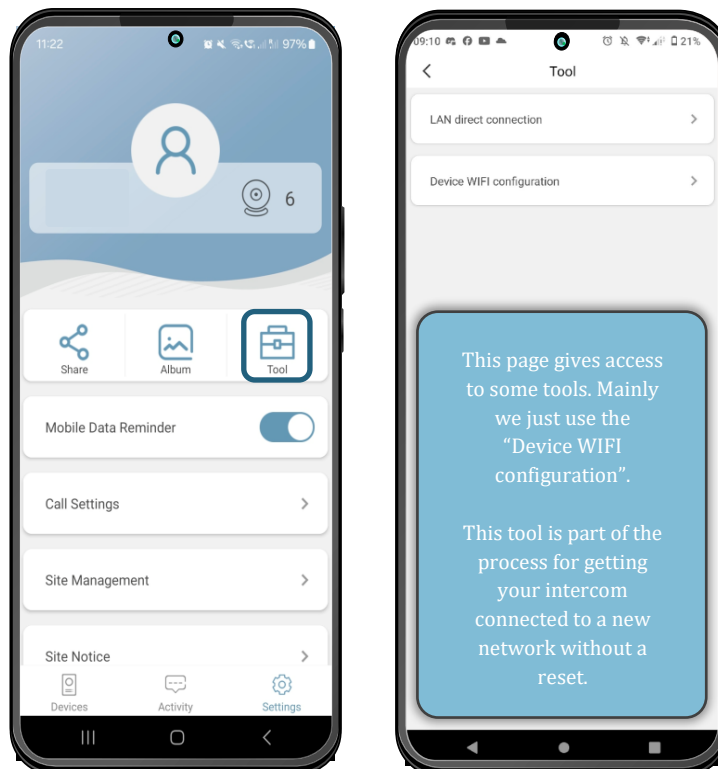
4.1. Share



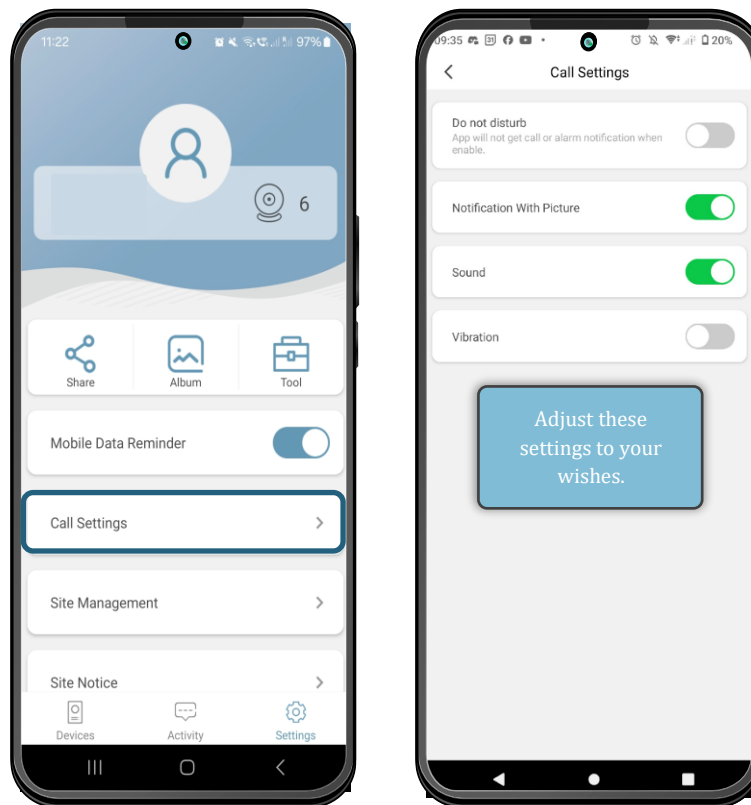
4.2. Album



4.3. Tool



4.4. Call Settings



Do not disturb - Which will disable all notifications from the app when enabled.

Notification with picture - Relates to calls, motion, alarm notifications. Enabling this allows you to see a snapshot in the notification banner taken by the camera at the time of the event.

Ringtone Selection - Change the ringtone for incoming calls.

Sound - Enabling or disabling this will determine if incoming calls have a ringtone or be silent.

Vibration - Enabling or disabling this will determine if incoming calls have vibration or not.

4.5. Site Management & Site Notice

These sections are reserved for users who have an “Opyin-Multi” system added to their account.

4.6. User Help

We have added a built-in “User Help” section into the app which will answer several frequently asked questions around your account, device setup, playback features and more. We hope that users will find this helpful and prevent them from having to go look for the answer elsewhere.

4.7. About

This page will give you information about the app version and the date it was released along with access to our T&C's and Privacy Policy.

Integration

Connect your Opyn Pro intercom(s) to either your Amazon Alexa or Google Home devices.

1. Amazon Alexa

- 1.1. Download the “AES Opyn” app via Google Play or App Store.
- 1.2. Launch the app and register an account (or login if you have already registered)
- 1.3. Connect and set up your AES Opyn device(s) via the app.
- 1.4. Search for the “AES Opyn” skill in the “Amazon Alexa” app skill directory.
- 1.5. Click “Enable” and proceed to link your AES Opyn and Amazon account.
- 1.6. Once successfully linked your devices should get automatically added to your Alexa app.
- 1.7. You can add your more device(s) using the “discover devices” option on the Alexa app.
- 1.8. After adding the device(s) you can rename them to your liking and start using the voice control commands.



Example Commands:

- Unlock Relay – “Alexa, unlock “X”
 - View Camera – “Alexa, show me “X”
- (X = Device/Lock Name in Google Home App)

Note: To use the lock/relay control voice commands you will need to setup a 4-digit PIN via the Alexa app.

2. Google Home

- 2.1. Download the “AES Opyn” app via Google Play or App Store.
- 2.2. Launch the app and register an account (or login if you have already registered)
- 2.3. Connect and set up your AES Opyn device(s) via the app.
- 2.4. Search for the AES Opyn Pro service in the “Google Home”, home control service directory.
- 2.5. Connect/Link your AES Opyn and Google Home accounts.
- 2.6. The Opyn Pro devices you had connected to your “Opyn” app then automatically appear in your Google Home app.
- 2.7. You can rename your device(s) to your liking and start operating the system.



Example Commands:

- Unlock Relay – “Ok Google, unlock “X”
 - View Camera – “Ok Google, show me “X”
- (X = Device Name in Google Home App)

Note: When using the lock/relay activation voice command you will be prompted to provide a PIN. This will be the intercoms “admin” password.

Intercom Operation

1. Factory Reset

If you need to default the system back to its factory settings this can be done by entering the reset code sequence into the keypad.

Default Sequence: *1590#

(Note: This can be changed)

2. Unbind Device

If you wish to clear the device of all users and do not have access to their app you can delete them manually by entering the following sequence into the keypad.

Default Sequence: *1910#

(Note: This will remove admin and all shared users)

3. Change “Reset Code”

If you wish to change the reset code from its default value this can be done by entering the following sequence into the keypad.

Sequence: XXXX#CODE# (XXXX # Current Code, CODE = New Code)

(Note: If you lose or forget this code a master reset on the system will be needed)

4. Create Local Network

If you need to configure the WIFI again due to changing router or network password, but the device is already “offline”. Use the **hotspot button** or this sequence to create a temporary local network used in the setup.

Default Sequence: *1920#

(Note: This will not remove any other programming)

5. Change PTE Relay

If you wish to change which relay the PTE or “Exit Button” activates you can do this with one of these two keypad sequences

Lock 1 Sequence: *1110#

Lock 2 Sequence: *1111#

(Note: The default lock used is Lock 1)

6. Change Call Mode

To change the system’s call mode, use on of the following keypad sequences:

1. Call answered when microphone on receiving device is activated (Default):

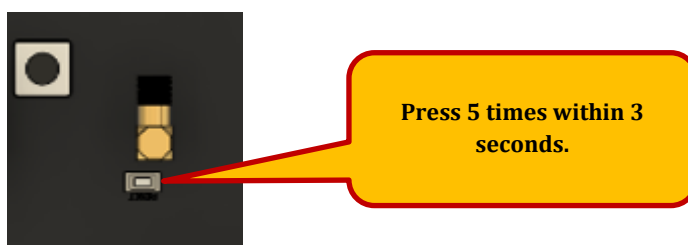
Sequence: *1310#

2. Call answered only when “Green Phone” on receiving device is pressed:

Sequence: *1311#

7. Master Reset

If you need to default the system and no longer know the reset code due to it being changed or lost, you can use this process to completely reset the system.



Local Web Interface Operation

There are also some additional features that can only be accessed by connecting to the device via the local area network. This means that both the device and the computer accessing this page need to be on the same network (IP scheme).

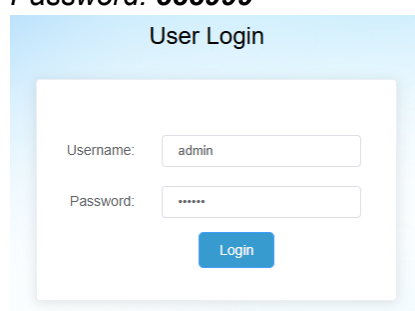
To access this page, you will need to enter the IP address of your device into your browser using “https” followed by a specific port number (9443) The IP can be found via the device itself in the “Device Details” page in the AES Opyn mobile application.

Example: ***https://192.168.1.101:9443***

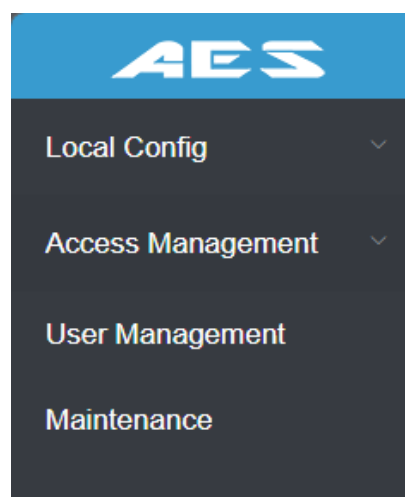
The default login credentials are:

Username: admin

Password: 888999

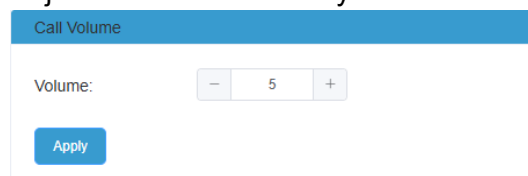


A screenshot of the 'User Login' web interface. It features a light blue header with the text 'User Login'. Below this is a white box containing two input fields: 'Username:' with the value 'admin' and 'Password:' with masked characters '*****'. A blue 'Login' button is positioned below the password field.



Local Config

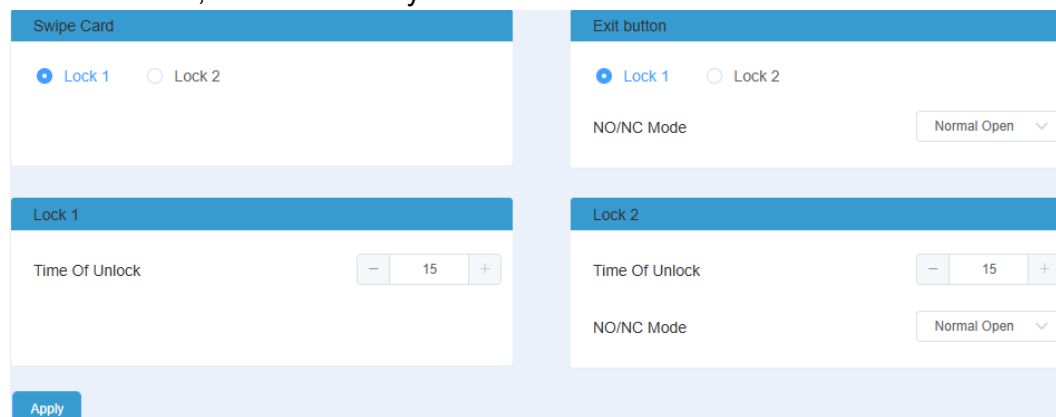
Adjust the call volume of your intercom



A screenshot of the 'Call Volume' configuration page. It has a blue header with the text 'Call Volume'. Below the header is a white box with a 'Volume:' label and a numeric input field showing the value '5'. There are minus and plus buttons on either side of the input field. A blue 'Apply' button is located at the bottom left of the white box.

Access Management

Lock – Adjust different settings relating to the intercom’s locks/relays. Such as relay activation time, exit button relay etc.



A screenshot of the 'Access Management' configuration page, showing settings for two locks. The page is divided into two columns. The left column has a blue header 'Swipe Card' and contains radio buttons for 'Lock 1' (selected) and 'Lock 2'. Below this is a section for 'Lock 1' with a 'Time Of Unlock' input field set to '15' and a 'NO/NC Mode' dropdown menu set to 'Normal Open'. The right column has a blue header 'Exit button' and contains radio buttons for 'Lock 1' (selected) and 'Lock 2'. Below this is a section for 'Lock 2' with a 'Time Of Unlock' input field set to '15' and a 'NO/NC Mode' dropdown menu set to 'Normal Open'. A blue 'Apply' button is located at the bottom left of the page.

Access – Export and import the programming of access/unlocking methods (QR Codes & Keypad Codes)

Export – Download a copy of all the stored QR/Keypad codes in the intercom.

Import – Upload copied QR/Keypad codes to the intercom.

Access Control Information Database

access export

access import

Tamper Alarm – Enable or disable the intercoms tamper alarm.

User Management

Edit the default username and password user for accessing the local web interface.

UserName	Remarks	Operation
admin	Admin User	Edit

Maintenance

Check software & hardware versions, and update or reboot intercom.

Software Version : 2.0.42

Hardware Version : ver.c

MCU : 01

Update

Reboot Device

Certifications

CE-RED

Manufacturer: Advanced Electronic Solutions Global Ltd

Address: Unit 4C, Kilcronagh Business Park, Cookstown, Co Tyrone, BT809HJ, United Kingdom

Complies with the following essential requirements for:

EN 301 489-1 V2.2.0 (2017-03) (Electro-Magnetic compliance)

EN 301-489-17 V3.2.0 (2017-03) (Electro-Magnetic compliance)

EN 62479:2010 (Maximum output power)

EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013(Electrical Safety)

EN 18031 (Cybersecurity requirements for radio equipment – protection of network integrity, personal data and privacy, and prevention of fraud in accordance with Article 3(3) of the Radio Equipment Directive)



Notified body: Shenzhen HUAK Testing Technology Co., Ltd.

CNAS Number: L9589

This declaration is issued under the sole responsibility of the manufacturer.

Signed by:

Paul Creighton, Managing Director. Date: 18th September 2025

FCC

FCC ID: 2ALPX-OPYN-PRO

Grantee: Advanced Electronic Solutions Global Ltd



This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Output power listed is conducted. This device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm from all persons. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

Cybersecurity

Information about the Wi-Fi outdoor Station: ports 443, 8443, 9443 are open by default for the related services:

- **443:** Mainly used by the App to manage the configuration of the Indoor Station.
- **8443:** Mainly used for multimedia streaming between the App and the Indoor Station.
- **9443:** mainly used for local web configurations.

Wi-Fi function:

Mainly used to provide a direct network connection between the outdoor station and the cloud for the call forwarding function and the remote preview of the outdoor station via App. Users can enable and disable the network services via the Wi-Fi switch. The device has no external physical detection interfaces: consequently the risk to network security is not significant.



sales@aesglobalonline.com
technical@aesglobalonline.com
TEL: +44 (0) 288 6390 693
www.aesglobalonline.com



sales@aesglobalus.com
technical@aesglobalus.com
TEL: +1 (321) 900 4599
www.aesglobalus.com



support@aesglobaltelecom.com
TEL UK-EU: +44 (0) 288 6390 693
TEL USA: +1 (321) 900 4599
www.aesglobaltelecom.com