



# ORC-E3

Version 1.0 - Installation and User Manual

Please follow this user manual for the correct installation and testing, if there is any doubt please call our tech-support and customer centre.

The illustrations shown here are only used for reference, if there is any difference please take the actual product as standard product.

**Please ensure that you seek advice and correct IP settings before connecting any equipment to an IP network to ensure there is conflicts or incompatibilities.**

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## Basic Operation:

When programmed as outdoor panel, input floor and room number (the digit is 3 at least), then press "√" to confirm. If you forget to press "√" to confirm the input, it will call after 2 seconds automatically.

When the room number is <2 digits, you should press ""√"" key to confirm the calling. When programmed as wall station, input Building No. + "√" +Unit No. + "√" +room No.+ "√" button to call.

If the number is correct, the indoor monitor rings. If the number is incorrect or the indoor monitor does not exist, the outdoor panel will display "Failure". After 2 seconds, it will return to standby mode.

If the indoor monitor is busy, the outdoor panel will display "Busy", then auto return to standby mode.

During a call, press "X" button on the outdoor panel, to hang up the call.

## Management Centre Calling:

In standby mode, input (4 digits) "0000", then press "√" key to call management centre. If success, the outdoor panel will display "Calling", the management centre rings.

If the number is incorrect or the management centre does not exist, the outdoor panel will display "Failure". After 2 second, it will return to standby mode.

If the management centre is busy, the outdoor panel will display "Busy", then auto return to standby mode.

During a call, press "X" button on the outdoor panel, to hang up the call.

## Coded access unlocking:

### Unlocking by access password

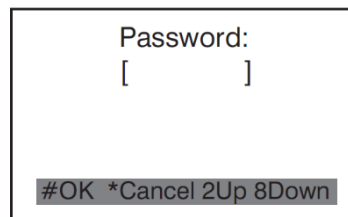
Press "√" key, enter the access password (The default is 0000). Then press "√" key to confirm. If the password is correct, the door will be unlocked; if not, it will display "Password Err" on the display.

### Unlocking by IC/ID card

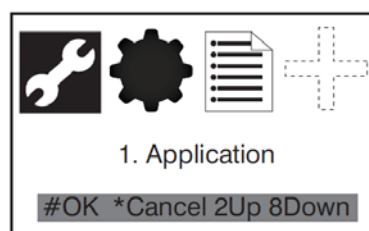
Put the registered IC/ID card on card reader area of the outdoor panel. If successful, the door will be unlocked.

## Basic Settings:

Press ("√") key twice, the LCD screen will show as following:



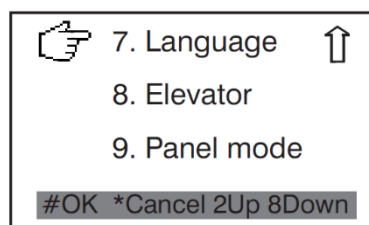
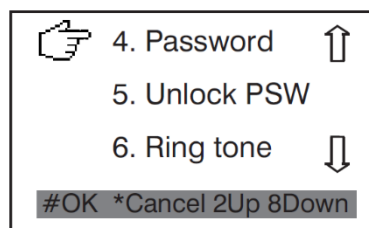
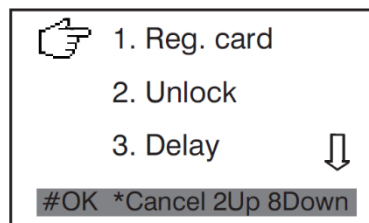
Enter the system password (Factory default one is 123456) to enter the main menu



In Set menu, you can set following items.

### Application

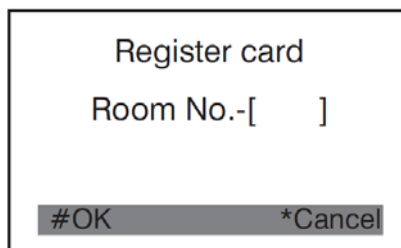
Press "√" key to enter the following setting screen:



Press "2" key to page up, press "8" key to page down; press "√" key to confirm; press "X" key to return.

## Reg. card

Press "√" key to enter the following setting screen:

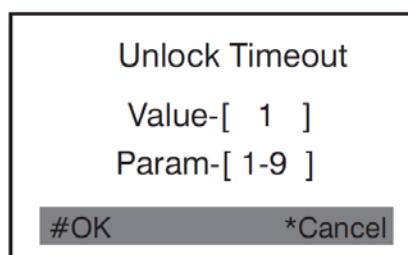


Register card  
Room No.-[    ]  
#OK                    \*Cancel

When in this mode enter the room number that you want to assign access card to. Touch ID card to the panel reader. Press "√" to confirm.

## Unlock

Press "√" key to enter the following setting screen:



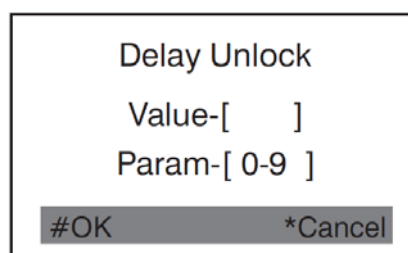
Unlock Timeout  
Value-[ 1 ]  
Param-[ 1-9 ]  
#OK                    \*Cancel

Input the value (1-9 corresponding 1-9 seconds). Then press "√" key to confirm. it will show you "Success" on the display.

For example, if you select 8, it indicates that the unlocking timeout is 8 seconds. When the user unlocks the door, it will be closed after 8 seconds automatically.

## Delay

Press "√" key to enter the following setting screen:



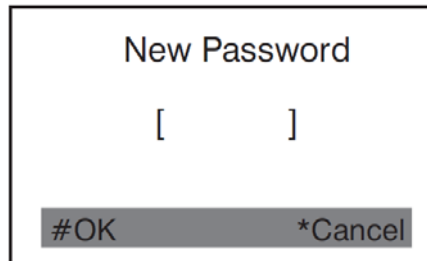
Delay Unlock  
Value-[    ]  
Param-[ 0-9 ]  
#OK                    \*Cancel

Input the value (0-9 corresponding 0-9 seconds). Then press "✓" key to confirm. it will show you "Success" on the display.

For example, if press 5, it indicates that the delay unlocking time is 5 seconds. When the user unlocks the door, it will be unlocked after the 5 second delay has lapsed.

### Password

Press "✓" key to enter the following setting screen:



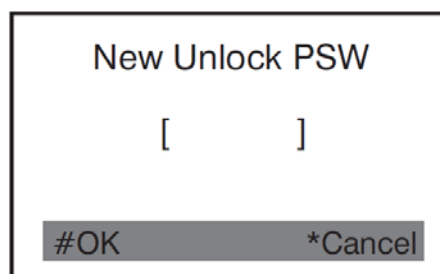
A rectangular screen with a black border. At the top, the text "New Password" is centered. Below it, there are two empty square brackets "[ ]" for input. At the bottom, there is a dark grey bar with "#OK" on the left and "\*Cancel" on the right.

Input new system password (1-6 digits), press "✓" key, it will show you "Success" on the display.

Note: Don't forget the password, otherwise you have to return the device to factory defaults to gain access.

### Unlock PSW

Press "✓" key to enter the following setting screen:



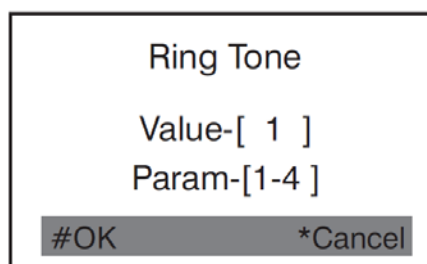
A rectangular screen with a black border. At the top, the text "New Unlock PSW" is centered. Below it, there are two empty square brackets "[ ]" for input. At the bottom, there is a dark grey bar with "#OK" on the left and "\*Cancel" on the right.

Input new unlock password (1-6 digits), press "✓" key, it will show you "Success" on the display.

The outdoor panel can store 8 different unlock passwords.

### Ring tone

You will hear a ring-back tone when calling others, four kinds of rings for option, press "✓" key to enter the following setting screen:



A rectangular screen with a black border. At the top, the text "Ring Tone" is centered. Below it, the text "Value-[ 1 ]" is centered, followed by "Param-[1-4 ]" on the next line. At the bottom, there is a dark grey bar with "#OK" on the left and "\*Cancel" on the right.

Input digit from 1–4 to select different ring tone. Then press “√” button to confirm the, it will show you “Success” on the display.

## Language

Press “√” key to enter the following setting screen:

Language

Value-[ 1 ]

1: CN 2: EN 3: RUS  
4: TW 5: TUR 6: PL

Input digit “1” for simplified Chinese, “2” for English, “3” for Russian, “4” for Traditional Chinese, “5” for Turkish, “6” for Polish, then press “√” key to confirm. After that, the system will restart and switch to the language you have selected.

## Panel Mode

Press “√” key to enter the following setting screen:

Panel Mode

Value-[ 1 ]

Unit-[ 0 ] Wall-[ 1 ]

#OK \*Cancel

This device can be used as the outdoor panel or wall station by setting the panel mode.

Input “0”, this device is used as unit (outdoor panel for one building), and input “1”, it is used as wall station (outdoor panel for global access). Then press “√” key to confirm, it will show you “Success” on the display.



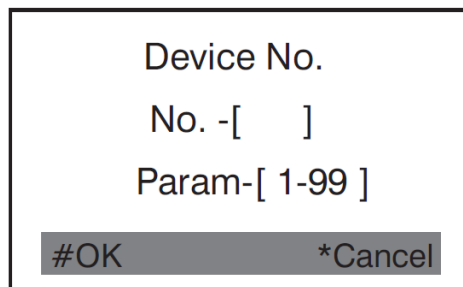
## System Setup

In System Setting menu, you can do the following settings:

### Device No

You can install 99 outdoor panels in one building. If you want to install more than one outdoor panel in one building, you need to set your outdoor panel into two type: main & sub outdoor panel.

Press "√" key to enter the following setting screen:

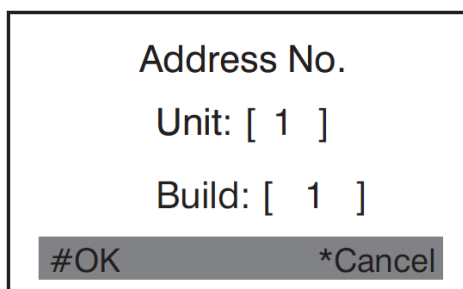


Device No.  
No. -[ ]  
Param-[ 1-99 ]  
#OK \*Cancel

Input digits between 1 to 99 to set the outdoor panel as main or sub. When you input digit "1", the outdoor panel is set to be the main outdoor station; when you input digit between 2 to 99, the outdoor panel is set to be the sub outdoor panel. After setting the main & sub outdoor panel, the indoor monitor can switch to monitor the main & sub outdoor panel.

### Address No

Press "√" key to enter the following setting screen:

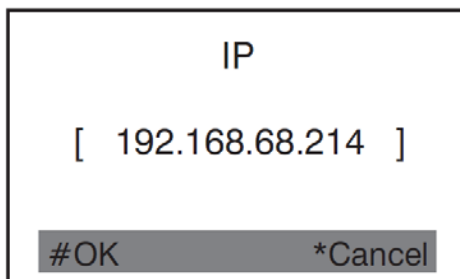


Address No.  
Unit: [ 1 ]  
Build: [ 1 ]  
#OK \*Cancel

When the device is used as outdoor panel, input (3 digits) building No. + (2 digits) unit No., then press "√" key to confirm, it will show you "Success" on the display; when the device is used as wall station, the item will be invalid.

## IP

Press "√" key to enter the following setting screen:



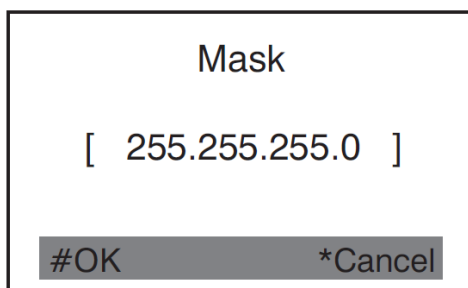
A rectangular dialog box with a black border. At the top center, the word "IP" is displayed. Below it, the IP address "192.168.68.214" is shown within square brackets. At the bottom, there are two buttons: "#OK" on the left and "\*Cancel" on the right, both with a grey background.

The IP address is unique in the same LAN network. If the total quantity of the IP address in one community or project is  $\leq 255$ , you only need to revise last 3 digits (0~255); if the total quantity of the IP address is  $> 255$ , you need to revise last 6 digits (0~255; 0~255), then press "√" key to confirm, it will show you "Success" on the display.

Remark: the IP address of all the outdoor stations must be in the same segment.

## Mask

Press "√" key to enter the following setting screen:

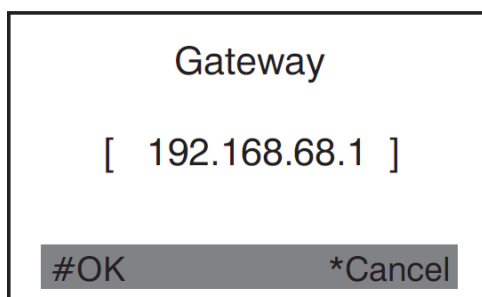


A rectangular dialog box with a black border. At the top center, the word "Mask" is displayed. Below it, the mask address "255.255.255.0" is shown within square brackets. At the bottom, there are two buttons: "#OK" on the left and "\*Cancel" on the right, both with a grey background.

The default Mask address is 255.255.255.0. Normally, it is unnecessary to revise.

## Gateway

Press "√" key to enter the following setting screen:



A rectangular dialog box with a black border. At the top center, the word "Gateway" is displayed. Below it, the gateway address "192.168.68.1" is shown within square brackets. At the bottom, there are two buttons: "#OK" on the left and "\*Cancel" on the right, both with a grey background.

The default is **192.168.68.1**. The setting of gateway address should be accessible to the IP address given to the device. Just to confirm the Gateway address is also in the same network segment.

### Server

Press "√" key to enter the following setting screen:

Server IP

[ 192.168.68.180 ]

#OK                      \*Cancel

Enter the address of management server if one is being used on the system.

### Default

Press "√" key to enter the following setting screen:

Default Setting

Value- [ 1 ]

1-OK                      0-Cancel

#OK                                      \*Cancel

Input "1" to indicate that confirm to recover, input "0" to indicate that cancel it. Press "√" button to confirm.

### Reboot

Press "√" key to enter the following setting screen:

Reboot

Value- [   ]

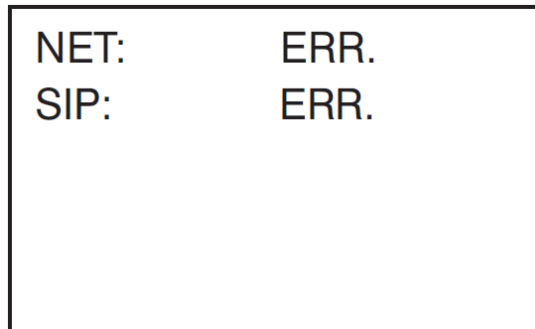
1-OK                      0-Cancel

#OK                                      \*Cancel

Input "1" to indicate that confirm to restart, input "0" to indicate that cancel it. Press "√" button, the system will restart.

## System Information

Press "√" key to enter the following setting screen:



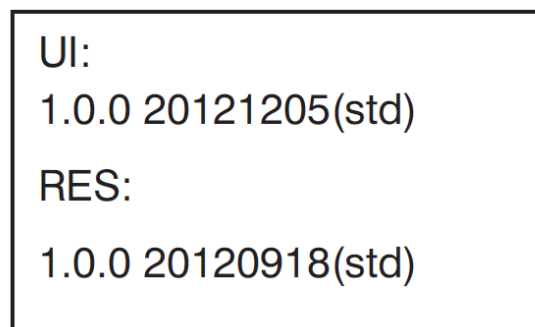
Press "2" up or "8" down key to check the relevant information of system.

NET: network connectivity status. When the system display "ERR", the network is disconnected; when it displays "OK", the network is connected.

SIP: registration status of SIP server. When the system displays "ERR", the SIP server is unregistered; when it displays "OK", the SIP server is registered.

## About Us

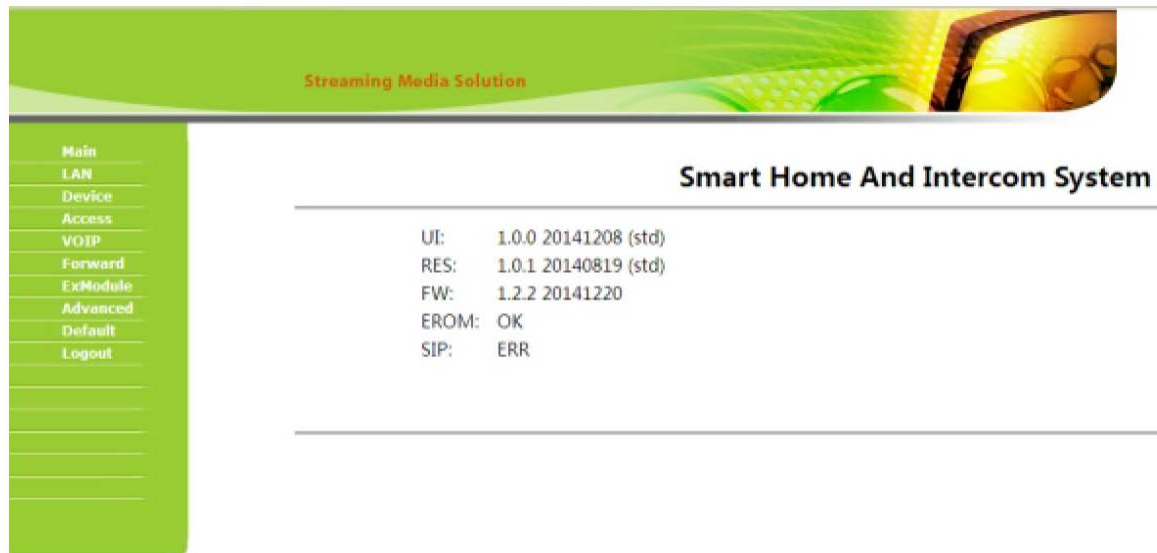
Press "√" key to enter the following setting screen:



You can see the relevant information of system software version.

## Web Settings

Connect outdoor panel and PC in the network switch and make them in the same LAN. Input IP address of outdoor panel in the web browser of PC (For best results please use Internet explorer), then input the user name and password (the default name is admin, the password is 123456) to enter into the following interface:



LAN setting:

Click "LAN" icon on the interface to enter into the following interface:



**IP:** IP address should be unique in the same LAN.

**Mask:** the default Mask is 255.255.255.0.

**Gateway:** it depends on IP address.

**DNS:** it depends on LAN.

**Server IP:** it is the same as the IP address of management PC.

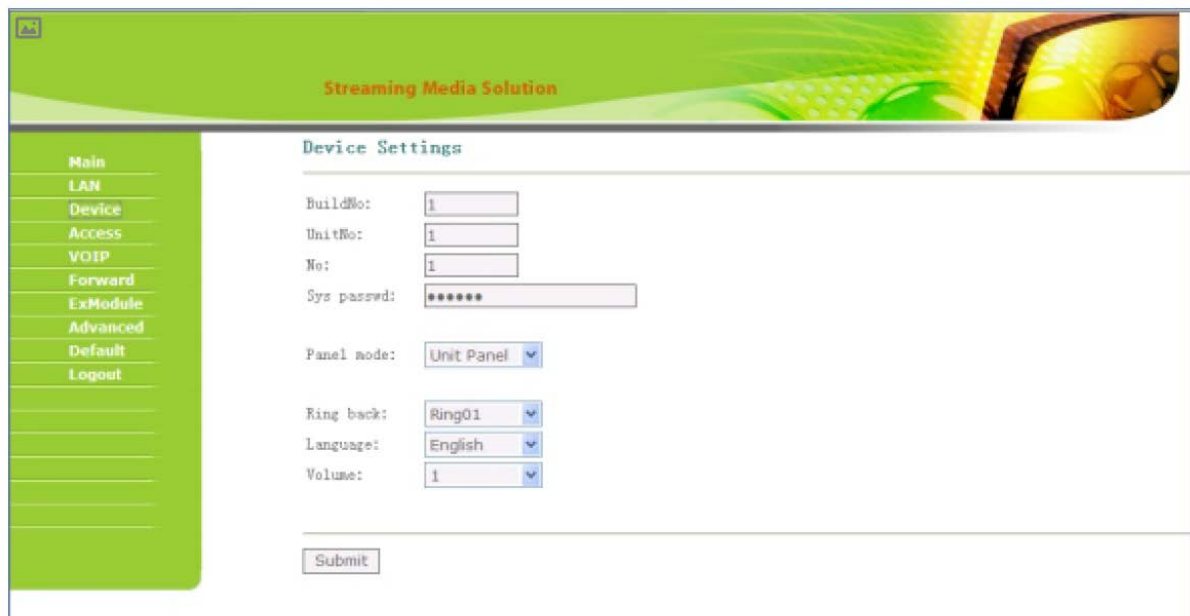
**NTP:** it refers to network time protocol source address.

Usually, the communication among management centre, indoor monitor and outdoor panel will be available in the same LAN; if they are not in the same LAN, you need to set SIP server to support the communication.

Click "Submit" icon to confirm settings.

1. Device setting:

Click "Device" icon on the interface to enter into the following interface:



The settings of **building No** and **Unit No**. should be the same as that of corresponding outdoor panel No.

It is a unique number for the outdoor panel. You can have max.9 outdoor panels in one house, and you need to distinguish their numbers from 1 to 9.

**Sys password:** you can change the login password as you like (the default password is 123456).

**Panel mode:** unit panel, wall panel and personal panel for option.

Unit panel: Used in one unit, calls residents in the unit and management centre; Wall panel: Used in the entrance of community, call all outdoor panel in the community and management centre;

Person panel: It is reserved.

You can choose different **ring back** tone and language, also adjust the ring back volume.

Click "Submit" icon to confirm settings.

### Access setting:

Click "Access" icon on the interface to enter into the following interface:

Streaming Media Solution

Access Settings

Unlock timeout: 1s

Unlock delay: 0s

Elev refer: 1

Admin Card: 5208529

Security ON/OFF:

Unlock passwd: 0000 \*\*\*\*

\*\*\*\*

\*\*\*\*

\*\*\*\*

\*\*\*\*

Submit

**Unlock timeout:** After 1-9 seconds, the door is closed.

**Unlock delay:** The door lock is unlocked after 0~9 seconds.

**Elev refer:** It is reserved.

**Security ON/OFF:** It is reserved.

**Unlock password:** It is used for unlocking the door, the default is 0000, you can set 8 groups of password.

Click "Submit" icon to confirm settings.

### Card registration:

1. Register admin card: input "0" in the frame, and confirm the setting. Touch the admin card to the card reader, and the outdoor panel will sound a tone. It indicates that admin card registration is successful.

2. Register the unlock cards: swipe admin card firstly, then swipe the new unlock card within 10 seconds. It will sound a tone and indicate the unlock card is successfully registered. If exceeds the time, it will be delayed for 10 seconds.

Note: the admin card cannot be regarded as unlock card and open the door.

## VOIP:

Click "VOIP" icon on the interface to enter into the following interface:

The screenshot shows the 'SIP Settings' configuration page. The page title is 'Streaming Media Solution'. The left sidebar contains the following menu items: Main, LAN, Device, Access, VOIP, Forward, ExModule, Advanced, Default, and Logout. The main content area is titled 'SIP Settings' and contains the following fields and controls:

- SIP enable:
- Proxy:
- Realm:
- Outbound:
- STUN IP:
- STUN Port:
- User:
- Password:
- Bitrate:
- Timeout:
- Ring time:
- Host2id:

A 'Submit' button is located at the bottom of the form.

Input the relevant information if you have a SIP server or network/system engineer.

**Proxy:** Enter the IP address of the SIP register server.

**Realm:** Enter the Realm name or IP address. If unknown use same as proxy server.

**Outbound:** If an outbound SIP server is being used enter the address here.

**STUN IP:** STUN server Address.

**STUN Port:** STUN server port number.

**User:** SIP Username given by proxy server.

**Password:** SIP account password given by proxy server.

**Bitrate:** Select bitrate for bandwidth control (Recommend to leave as default)

**Host2ID:** Enabled use a combination of building, unit, flat and device number to make up SIP user part in SIP From message.

Disabled uses the User as the SIP user part in the SIP from address when setting up call. (Recommended Setting)



Forward: (Call transfer):

Click "Forward" icon on the interface to enter into the following interface:

RoomNo:	Account:	RoomNo:
101	0008	

1. Make the call to another SIP extension (with SIP server)

For example, you want to call SIP extension 100, you can set it like this:

RoomNo:	Account:	RoomNo:
100	100	

So, when you press 100 on the outdoor panel, it will call extension 100 via the SIP server.

2. Make the SIP call to another SIP device (Without SIP server, Direct SIP calling)

For example, you want to call a SIP device with IP address 192.168.15.100, you can set it like this:

[SIP:1@192.168.15.100](#) (Note: “1” has no indication of the number being called. “1” can be any factious number)

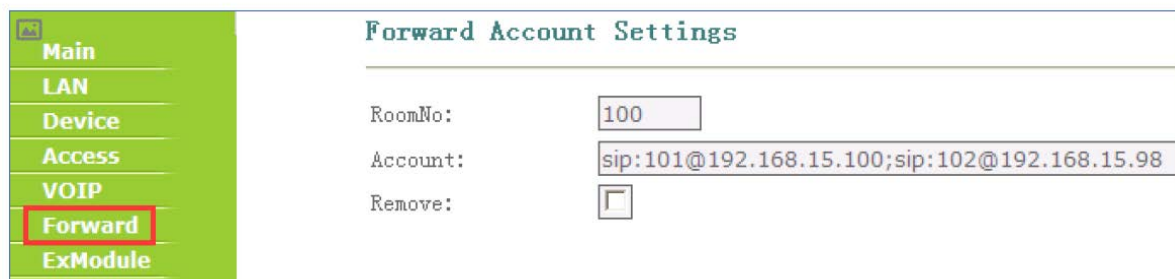


RoomNo:	<input type="text" value="100"/>
Account:	<input type="text" value="sip:1@192.168.15.100"/>
Remove:	<input type="checkbox"/>

When you press 100 on the outdoor panel, it will call the SIP device with IP address 192.168.15.100.

3. Forward to multiple devices (One by One or All at once)

If you want to make several devices ring together or ring one by one, you can set like this:



RoomNo:	<input type="text" value="100"/>
Account:	<input type="text" value="sip:101@192.168.15.100; sip:102@192.168.15.98"/>
Remove:	<input type="checkbox"/>

If you select Forward type as “one by one” in the “Device” settings ,when you dial 100 on the outdoor panel, these two devices will ring one after another.

If you select Forward type as “All at once” in the “Device” settings, when you dial 100 on the outdoor panel, these two devices will ring together.

NOTE: The number of forwarded devices is unlimited.

**ExModule:**

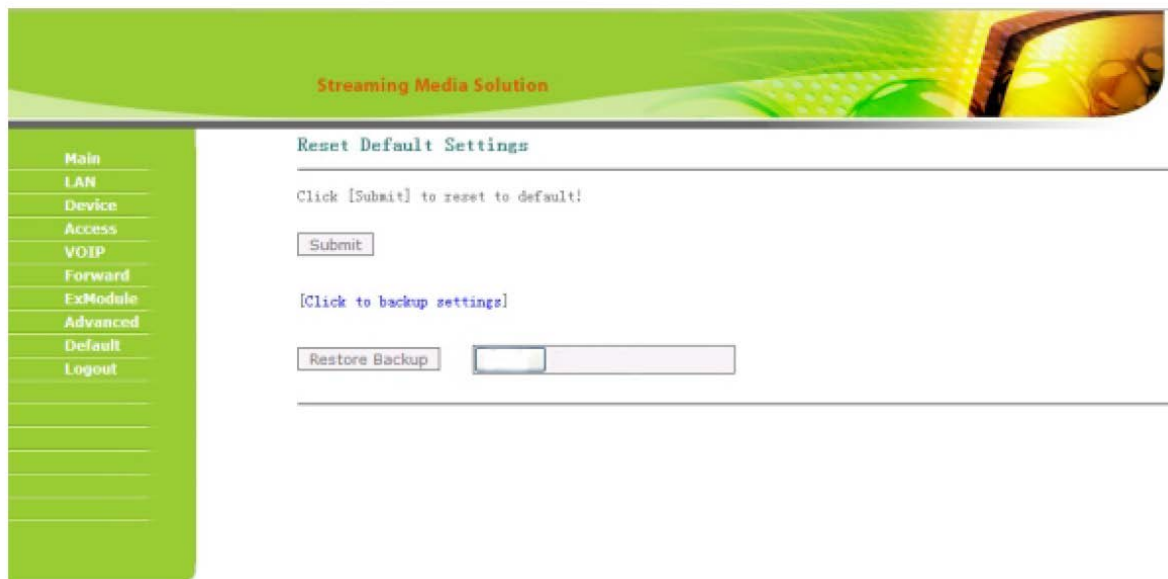
It is reserved.

**Advanced:**

It is reserved.

## Default:

Click “Default” icon on the interface to enter into the following interface:



The screenshot shows the 'Reset Default Settings' page. The page has a green header with the text 'Streaming Media Solution'. On the left, there is a vertical navigation menu with the following items: Main, LAN, Device, Access, VOIP, Forward, ExModule, Advanced, Default, and Logout. The main content area contains the following text and controls:

**Reset Default Settings**

---

Click [Submit] to reset to default!

[Click to backup settings]

---

Click “Submit” icon, now all the registered cards are deleted (admin card cannot be deleted).

To back up all the setting on the outdoor panel;

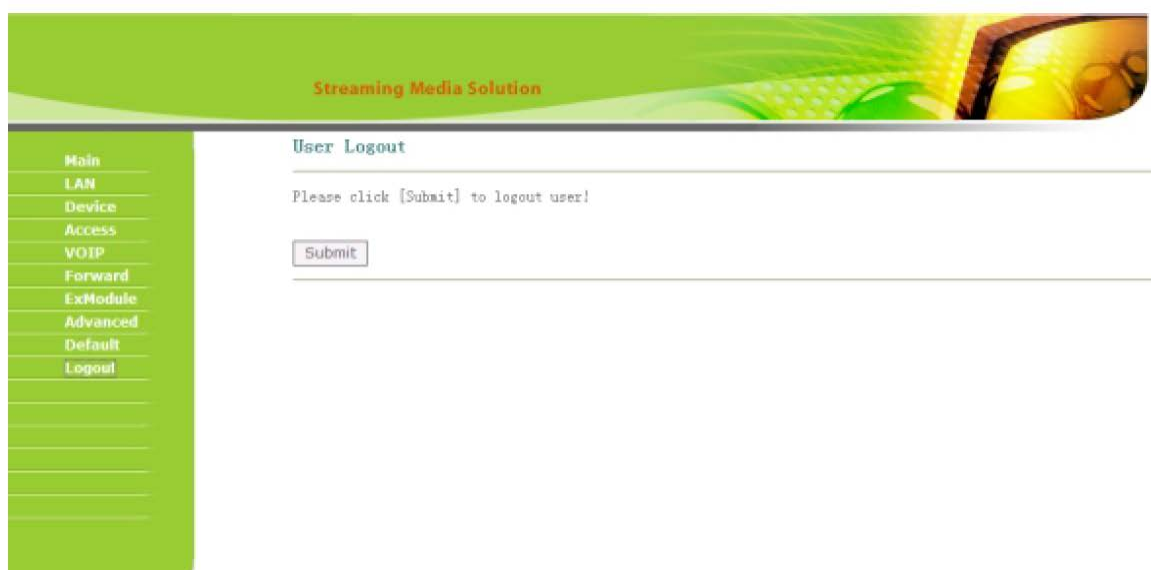
Click “Click to backup settings” icon, the system will back up the current settings. Save the downloaded file for future restores or changes.

To restore all the setting from a backup file;

Click “Restore Backup” icon to select the backup file to restore the settings.

## Logout:

Click “Logout” icon on the interface to enter into the following interface:



The screenshot shows the 'User Logout' page. The page has a green header with the text 'Streaming Media Solution'. On the left, there is a vertical navigation menu with the following items: Main, LAN, Device, Access, VOIP, Forward, ExModule, Advanced, Default, and Logout. The main content area contains the following text and controls:

**User Logout**

---

Please click [Submit] to logout user!

---

Click “Submit” icon to logout the system.

## Maintenance of devices

- Keep the surface of the screen clean using a soft dry cloth only.
- Do not use benzene, thinner or organic solvents such as gasoline to clean, these solvents may cause damage to product.

## Please Note

- Read the instructions in this handbook carefully. Be sure to keep it for future reference.
- Be sure to use only the power adapter and that your power source matches the rating listed for it. If you are not sure, check with your dealer or with your local power company.
- Avoid strong hits or shocks. Do not use the power adapter if it has received any hard knocks or looks damaged in any way; immediately contact an authorised service centre.
- Don't clean the surface with chemicals but with soft and clean dry cloth.
- Don't press several buttons at the same time.
- Don't disassemble the machine without authorization, if the need for fault repair, please contact the distributors or the company's tech-supporting department.