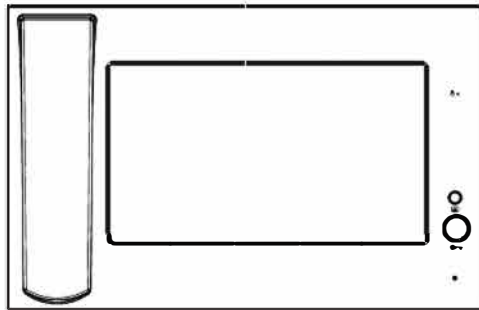


PRO 5801IP

Installation and Operation manual



Siera

Management Center

■ **Remark**

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

Our company applies ourselves to reformation and innovation of our products. No extra informing for any change. The illustration shown here only used for reference, if there is any difference please take the actual product as standard product.

CATALOG

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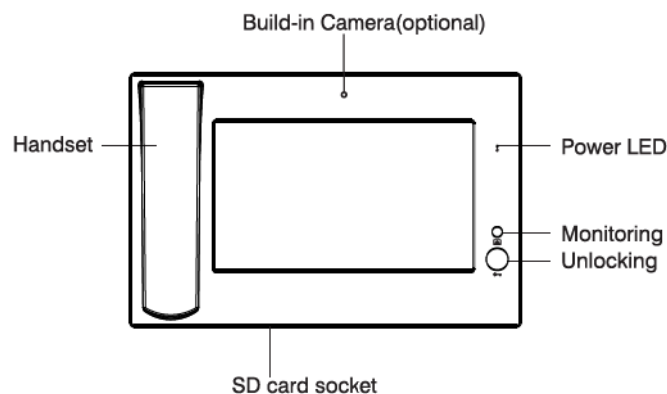
Product Features

1. Call indoor monitor
2. Monitor outdoor panel and wall station.
3. Monitor max. 8 pcs extra IP cameras.
4. Support auto answer, record the audio and video in SD card automatically or manually during the communication.
5. Receive the alarm records from indoor monitor.
6. Support SIP protocol to communicate with IP phone and SIP software.

Technology Parameters

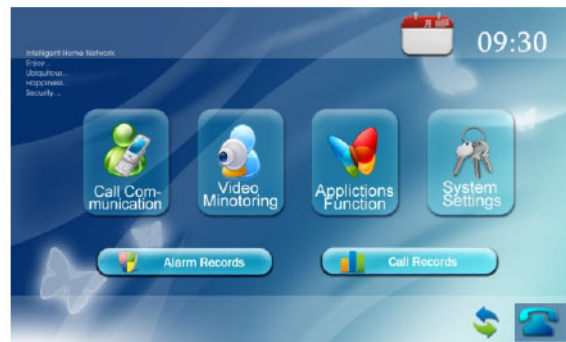
1. Rated voltage: DC12V
2. Rated power: 6W
3. Standby power consumption: 2.5W
4. Operating temperature: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Product Picture



Operations

■ Main interface



Main interface introduction

“Call Communication”: Click to calling & answering menu.

“Video Monitoring”: Click to monitoring menu.

“Applications Function”: Click to application functions setting menu.

“System Settings”: Click to system setting menu.

“Alarm Records”: Click to calling records menu.

“Call Records”: Click to alarm records menu.

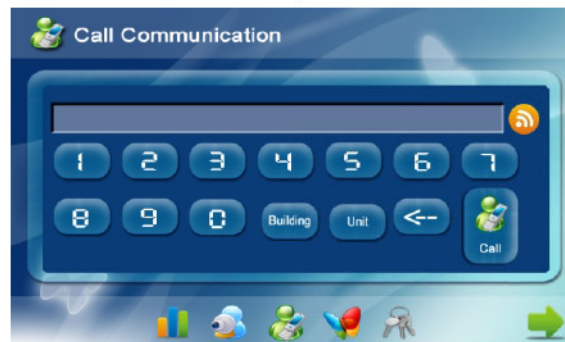
: Check whether the network is connected or not.

: Check whether it is registered in the SIP server or not.

■ Call Communication

1. Call indoor monitor


Click "Call Communication" icon, the system will enter into the following interface:



Input 1 ~ 4 digits + "Building"+ 1~ 2 digits + "Unit" + 1~ 2 Building No. +1 ~ 2 room No., then click "Call" icon to call (the last 1 ~ 2 digit is regarded as Room No.).

For example, you want to call indoor monitor :0001010807. Input 1+ "Building" , then 1+ "Unit" + 08(floor No.) +07(room No.) , click "Call" icon to call. If you do not input floor No., the call is invalid.

2. Call sub management center

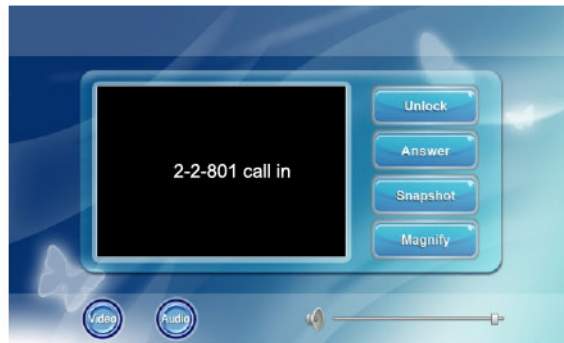
If connects with main and sub management center, click  icon to call the sub management center.

1. When the main management center calls sub management center, if center 1 is busy, it will call the next management center from 2~4.

2. When the main management center calls sub management center, 4 sub management centers will ring at the same time.

2. Answering

When someone calls in, the system will enter into the following interface:



To answer the call from indoor monitor/ outdoor panel/ help station/ wall station/management center, just click “Answer” icon.

During the intercom:



1. Click “Unlock” icon to open the door;
2. Click “Hang up” icon to end the call;
3. Click “Snapshot” icon to take/save the visitor’s image;
4. Click “Magnify” icon to watch the video in full screen.



■ Call Records

Click “Call Records” icon, the system will enter into the following interface:



You can check communication records.


 refers to outgoing call;  refers to incoming calls;  refers to missed calls.

Click  or  icon to review each record.

Click "Delete" icon to delete the selected record.

There will be total 20 pcs communication records.

Select one record, then click "Call back" icon to call back the corresponding number.

Icon  indicates the snapshot record with image, click it to see the image.

■ Alarm Records

Click "Alarm Records" icon, the system will enter into the following interface:



NO.	Date&Time	Address	Zone	Sensor	Type
1	2011-02-01 09:20	1010918	Zone:1	Smoke	24Hour
2	2013-08-04 14:20	1010804	Zone:1	Smoke	24Hour
3	2013-06-03 15:47	1010278	Zone:1	Smoke	24Hour
4	2013-05-30 10:08	2020102	Zone:1	Smoke	24Hour



When alarm sensor is triggered, the management center will make a loud alarm, and the system will enter into the following interface:



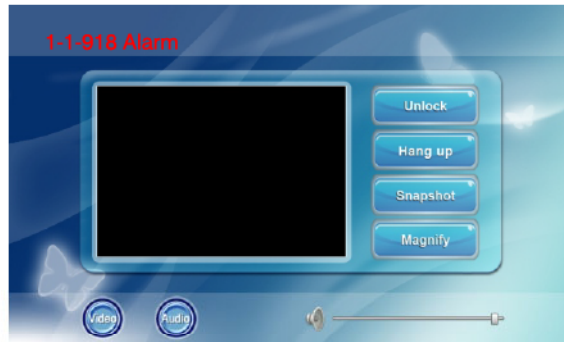
NO.	Date&Time	Address	Zone	Sensor	Type
1	2010-01-01 09:20	1010918	Zone:1	Smoke	24Hour
2	2013-08-04 14:20	1010804	Zone:1	Smoke	24Hour
3	2013-06-03 15:47	1010278	Zone:1	Smoke	24Hour
4	2013-05-30 10:08	2020102	Zone:1	Smoke	24Hour

You can check the detailed alarm record from the corresponding apartment.

Now click "Alarm processing" icon to terminate the alarm.

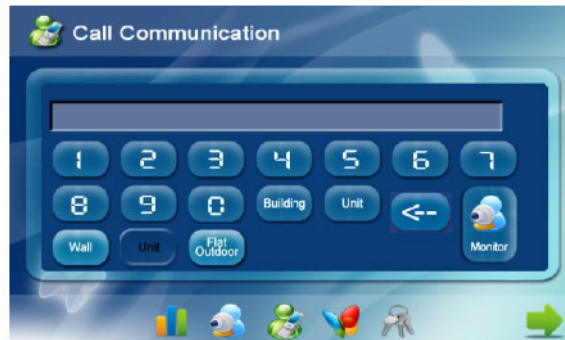
Select one alarm record, then click "Call back" icon to call the corresponding indoor monitor. Click  or  icon to review records.

If the management center is under communication status and there is new alarm notice, the screen will display the alarm address with red front as following interface:



■ Video Monitoring

Click "Video Monitoring" icon , the system will enter into the following interface:



2.1 Monitoring the wall station

Click "Wall" icon, input 2 digits wall station No., then click "Monitor" icon.

2.2 Monitoring the outdoor panel

Click "Unit" icon, input 4 digits building No.+ 2 digits unit station No. +1 digit (from 1~4) outdoor panel address(one unit can install max. 4 outdoor stations), then click "Monitor" icon to start monitoring.

2.3 Monitoring the flat outdoor station/ help station

Click "Flat Outdoor" icon, then input 4 digits building No. +2 digits Unit No. + 4 digits Room No. + 1 digit flat outdoor station/ help station No., then click "Monitor" icon to start monitoring;

Click  icon to delete the single digit.

During the monitoring, it will show you the following interface:



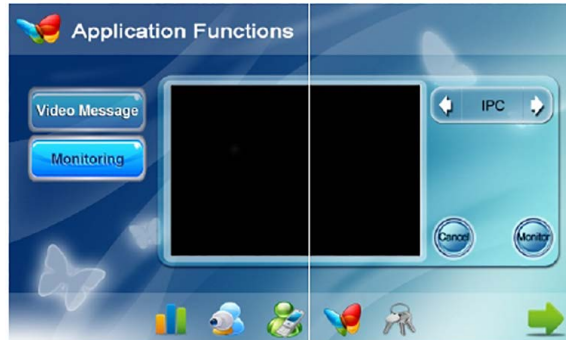
Click "Unlock" icon to unlock the door; click "Hang up" icon to end the monitor; click "Snapshot" icon to take/save the visitor's image; click "Magnify" icon to watch the video in full screen.

■ Application Functions

Click "Applications Functions" icon on the main interface to enter into application function interface.

Monitoring

Click "Monitoring" icon, the system will enter into the following interface:



The PRO 5801IP supports IP Camera with standard RTSP streaming mode, IP Camera code can be MPEG4 or H.264.etc. If IP Camera supports ONVIF protocol, IP Camera Add will be searched and obtain RTSP URL automatically; if not support ONVIF protocol, it will need to input RTSP URL of IP Camera in CHI frame. There will be added max.8 IP Cameras.

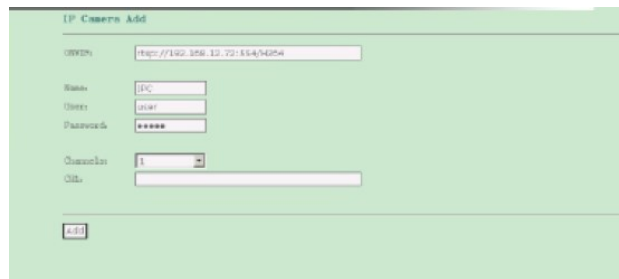
2.1 IP Camera set and add

Connect computer with management center in the same network(mutual intelligibility), open browser to input: <http://198...>(management center's IP address), and enter into the interface of IP Camera Settings. Input user name and password (the default user name is "user" and the password is 1234). Then click "IPC Set" to set IP Camera.

The image shows a web form titled "IP Camera Settings". It contains two rows of input fields for camera configuration. Each row has fields for "Device ID", "User", "Password", and "RTSP URL". The first row has "Device 1" with "IP1" in the Device ID field, "admin" in the User field, "1234" in the Password field, and "rtsp://198.1.1.10:554/1024" in the RTSP URL field. The second row has "Device 2" with "IP2" in the Device ID field, "admin" in the User field, "1234" in the Password field, and "rtsp://198.1.1.10:554/1024" in the RTSP URL field. A "Submit" button is located at the bottom of the form.

“User name” and “password” can be changed by yourself, click “Remove” to delete the device, and click “Submit” to store and submit the information.

Click “IPC Add”, the system will enter into the following interface:



After setting, click “Logout”, the system will enter into the following interface, click “Submit” to logout the setting.



Remark: If it is difficult to search IP Camera, we suggest to download “wireshark” software for help from the Internet. Please download it accordingly and process as below:

1. Install the wireshark software
2. Click Capture on wireshark software-->interface-->start
3. Enter the :“RTSP ”in that Filter in wireshark software



4. Then you will get the RTSP address.

5. Enter the management center's IP address on setting interface, then enter that above RTSP you get from "wireshark".

■ System Setting

Click "System Settings" icon to enter into System Settings interface.

1. Normal setting

Normal setting includes: Intercom and Date&Time.



Click "ON" or "OFF" icon to set the camera, video and audio as ON/OFF.

Camera: to turn on/off of the built-in camera (optional).

Video and Audio REC: If there is one call from outdoor panel and no answer from the management center for 25 seconds, the visitor can leave the voice message for 30 seconds.

Set Video or Audio as ON to record the video and audio. Set it as OFF to cancel recording.

After setting, click "Confirm" icon to save the setting.

Click "Date& Time" icon to enter into the following interface and you can set TimeZone and DateTime:



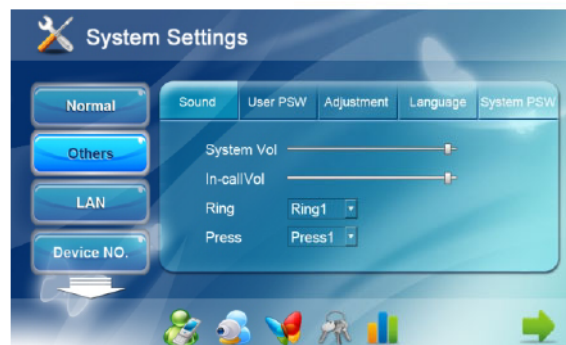
After setting, click "Confirm" icon to save it.

Remark: If the management center connects with management software or Internet, the date and time will be synchronized automatically.

If not connects with management software or internet, when the power recovers after outage, the date and time will be returned to factory default mode, you must set it again.

2. Others settings

Click "Others" icon to enter the others setting menu. Others setting include Sound, User Password Revise, Adjustment, Language and System Password Revise.



- **Sound**

You can set System, Talk VOL, Ring and Press type.

System VOL: the volume of warning tone.

Talk VOL: the volume of communication.

Ring type: choose different ring tone.

Press type: choose different touch tone.

- **User Password Revise**

Click "User PSW" icon to enter the following interface:



You can revise the user password. It is used for security setting. The default password is 1234.

- **Adjustment**

Click "Adjustment" icon to enter the following interface:



You can adjust the brightness or contrast.

- **Language**

Click "Language" icon to enter the following interface:



You can choose the available language.

- **System Password Revise**

Click "System PSW" icon to enter the following interface:



You can revise the system password. It is used for system setting. The default password is 123456.

3. LAN setting

⚠ Warning: End-user is not allowed to set this menu.

Click "LAN" icon, then input system password with 6 digits (the default password is 123456), the system will enter into the following interface:



IP: the IP address is unique in one system.

Mask: the default subnet address is 255. 255. 255. 000. Generally, it is unnecessary to modify. If you want to modify, please click the setting box, it will popup a keypad. Enter your new IP address, then click "Confirm" icon.

Gateway: fill it according to IP network segment distribution.

Server: the IP address of computer which installed management software.

DNS: the IP address of DNS server.

4. Device No. setting

Click "Device NO." icon, the system will enter into the following interface:



1. Address No.: refers to the No. of management center, it has 2 digits.
2. Sub: ①When the sub is set to be 0, we regard the management center as the main management center; when the sub is set from 1 to 4., the management center will be sub management center. When indoor monitor calls management center, 5 management centers will ring at the same time.
②When the sub of 5 management center are set as 0, and Address No. is 1 to 5. When indoor monitor calls management center, if the first management center is off-line or busy, it will transfer to the next management center.
3. Sync: Please change synchronous code (6 digits) as soon as possible after reading this instruction. Synchronous codes is used for the main and sub indoor monitor. Only when the synchronous codes of main and sub indoor monitor are consistent, they will coordinate together.

5. VOIP setting

Click "VOIP" icon, the system will enter into the following interface:



Proxy: sip proxy server URL, the form is sip:ip or sip: realm name.

Realm: the scope for the device, is the same with IP or realm name.

Password: the password switched in proxy server, offered by the administrator of sip proxy server.

Stun IP and Port: the public network server IP and port crossed by audio/video NAT.

6. Upgrade

⚠ During upgrading, the power supply of management center should not be cut off.

Click "Upgrade" icon, then input 6 digits of password (the default password is 123456) to enter into the following interface:



Upgrade application program, resource file and inner core .etc.

During the upgrade, please keep power-on, otherwise it will lead to upgrade failed.

After upgrade completion, the system will restart automatically.

End user should not upgrade by yourself, it needs the engineer to help upgrade.

7. Version

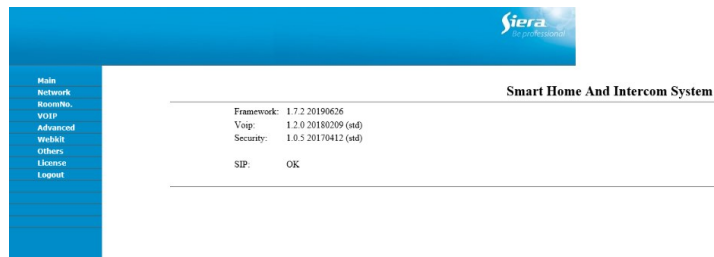
Click "Version" icon to see the related version information of this equipment.



■ Web Setting

Connect the management center and computer by network switch. Input the management center's IP address in the browser(the IP address of computer and the management center should be in the same network segment).

Then input user name and password (the default user name is "admin", the password is "123456" to enter into the following interface:

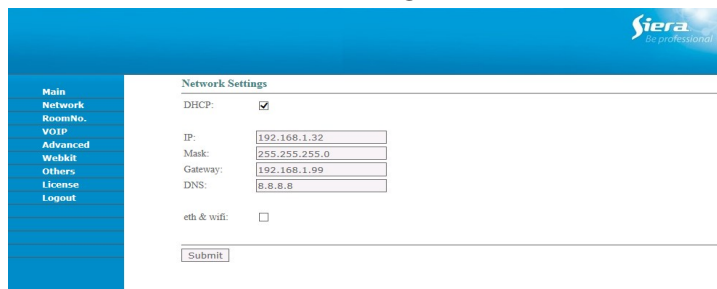


The screenshot shows the Siera web interface. On the left is a blue navigation menu with the following items: Main, Network, RoomNo., VOIP, Advanced, Webkit, Others, License, and Logout. The main content area has a blue header with the Siera logo and the text "Smart Home And Intercom System". Below the header, the following system information is displayed:

Framework:	1.7.2.20190626
Voip:	1.2.0.20180209 (std)
Security:	1.0.5.20170412 (std)
SIP:	OK

1. Network

Click "Network" icon to enter into the following interface:



The screenshot shows the Siera web interface with the "Network" menu item selected. The main content area is titled "Network Settings" and contains the following configuration options:

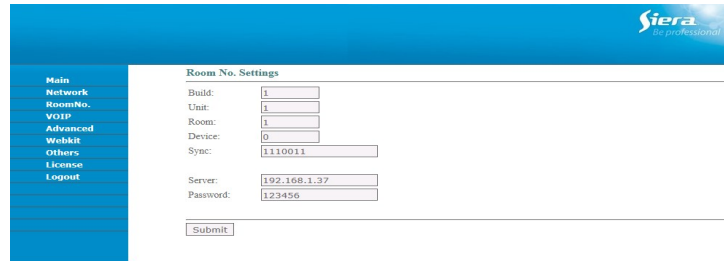
DHCP:	<input checked="" type="checkbox"/>
IP:	<input type="text" value="192.168.1.32"/>
Mask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.1.99"/>
DNS:	<input type="text" value="8.8.8.8"/>
eth & wifi:	<input type="checkbox"/>

At the bottom of the form is a "Submit" button.

The user can change the IP address of indoor monitor here. Checking the box of the eth wifi, wifi and wired network will work synchronously, but this is only valid for those indoor monitors with wifi function.

2. RoomNo

Click "RoomNo" icon to enter into the following interface:



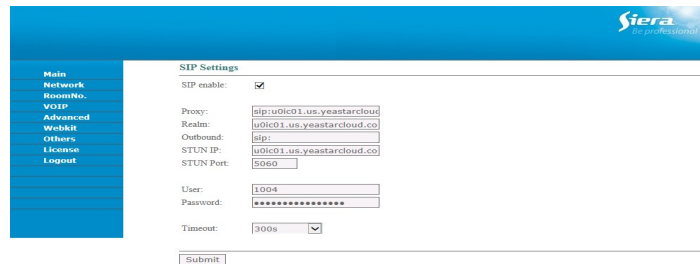
The screenshot shows the Siera professional web interface. On the left is a blue navigation menu with the following items: Main, Network, RoomNo., VOIP, Advanced, Webkit, Others, License, and Logout. The 'RoomNo.' item is highlighted. The main content area is titled 'Room No. Settings' and contains the following fields:

Build:	<input type="text" value="1"/>
Unit:	<input type="text" value="1"/>
Room:	<input type="text" value="1"/>
Device:	<input type="text" value="0"/>
Sync:	<input type="text" value="1110011"/>
Server:	<input type="text" value="192.168.1.37"/>
Password:	<input type="text" value="123456"/>

At the bottom of the form is a 'Submit' button.

3. VOIP

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



The screenshot shows the Siera professional web interface. On the left is a blue navigation menu with the following items: Main, Network, RoomNo., VOIP, Advanced, Webkit, Others, License, and Logout. The 'VOIP' item is highlighted. The main content area is titled 'SIP Settings' and contains the following fields:

SIP enable:	<input checked="" type="checkbox"/>
Proxy:	<input type="text" value="sip:u0ic01.us.yeastarcloud"/>
Realm:	<input type="text" value="u0ic01.us.yeastarcloud.co"/>
Outbound:	<input type="text" value="sip"/>
STUN IP:	<input type="text" value="u0ic01.us.yeastarcloud.co"/>
STUN Port:	<input type="text" value="5060"/>
User:	<input type="text" value="1004"/>
Password:	<input type="password" value="*****"/>
Timeout:	<input type="text" value="300s"/>

At the bottom of the form is a 'Submit' button.

The settings are the same as the ones of indoor monitor.

To connect with SIP phone, check "SIP Enable", and input the number registered in SIP server.

Timeout: Talking time settings.

Click "Submit" icon to save the settings.

4. Advanced

Click "Advanced" icon to enter into the following interface:

The screenshot shows the 'Advanced Settings' page in the Siera Professional interface. The left sidebar menu is highlighted on the 'Advanced' option. The main content area contains the following settings:

- Ex Phone:
- Auto Pickup:
- ONSJ Pass:
- Deaf Mode:
- Quick Call:
- URL:
- DTMF Unlock:
- DTMF:
- RTSP Feed:

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

Ex Phone: input IP address of other manufacturer's SIP device. It refers to other factory's VOIP device which is used as sub indoor monitor. When outdoor panel calls indoor monitor, SIP device will ring at the same time. Other terminals will stop ringing when one of the indoor monitor or SIP device answers the call. Auto Pickup: checking the box, the indoor monitor will automatically answer the call, when outdoor panel calls but there is no answer within 10s. Quick Call: If you want to press Management Center Calling icon to call other SIP device (for example IP address is 192.168.15.100), you can check this option, input for example sip:1@192.168.15.100 (1 can be any number), and then save the settings.

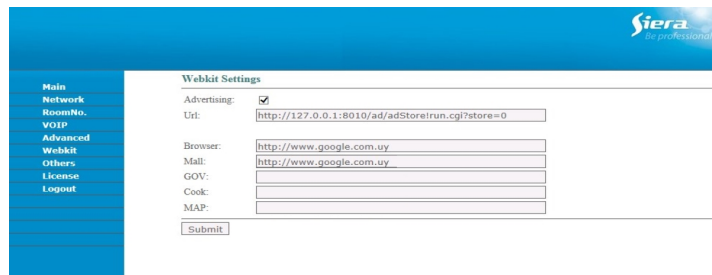
When you press the icon, it will call this SIP device.

Remark: the address can be the SIP address of indoor monitor or other factory's VOIP device.

Click "Submit" icon to save the settings.

5. Webkit

Click "Webkit" icon to enter into the following interface:



The screenshot shows the Siera Webkit Settings interface. On the left is a blue navigation menu with the following items: Main, Network, RoomNo., VOIP, Advanced, Webkit, Others, License, and Logout. The 'Webkit' item is highlighted. The main content area is titled 'Webkit Settings' and contains the following fields:

- Advertising:
- Uri:
- Browser:
- Mail:
- GOV:
- Cook:
- MAP:

At the bottom of the settings area is a 'Submit' button.

Advertising: use web page as the image. Checking the box, when there's advertisement pushed from management software, it will display when the indoor monitor is in standby state.

Browser: input the linking address in the box. As there is a "BROWSER" icon on the indoor monitor, when the user clicks the icon, it will switch into the linking web page.

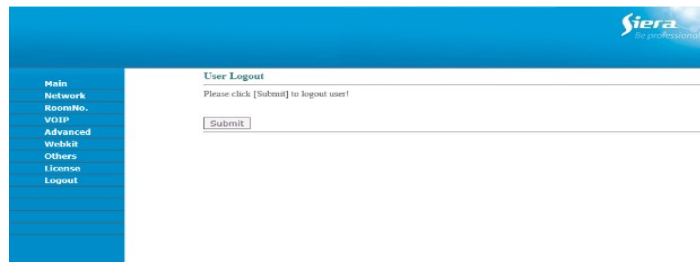
Click "Submit" icon to save the settings.

6. License

It is reserved.

7. Logout

Click "Logout" icon to enter into the following interface:




The screenshot shows the Siera User Logout interface. On the left is a blue navigation menu with the following items: Main, Network, RoomNo., VOIP, Advanced, Webkit, Others, License, and Logout. The 'Logout' item is highlighted. The main content area is titled 'User Logout' and contains the following text and button:

User Logout
Please click [Submit] to logout user!


At the bottom of the interface is a 'Submit' button.

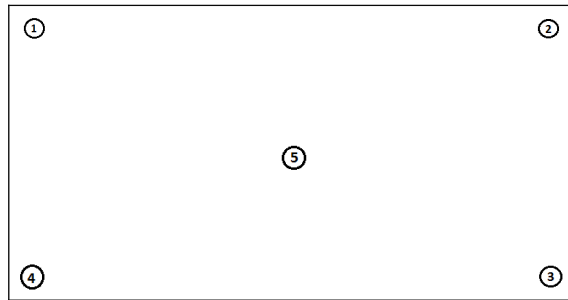
Clicking "submit" icon, it will log out the system.

■ Adjust screen

 **Warning: end user are not allowed to set this menu, please ask your installer for assistance.**

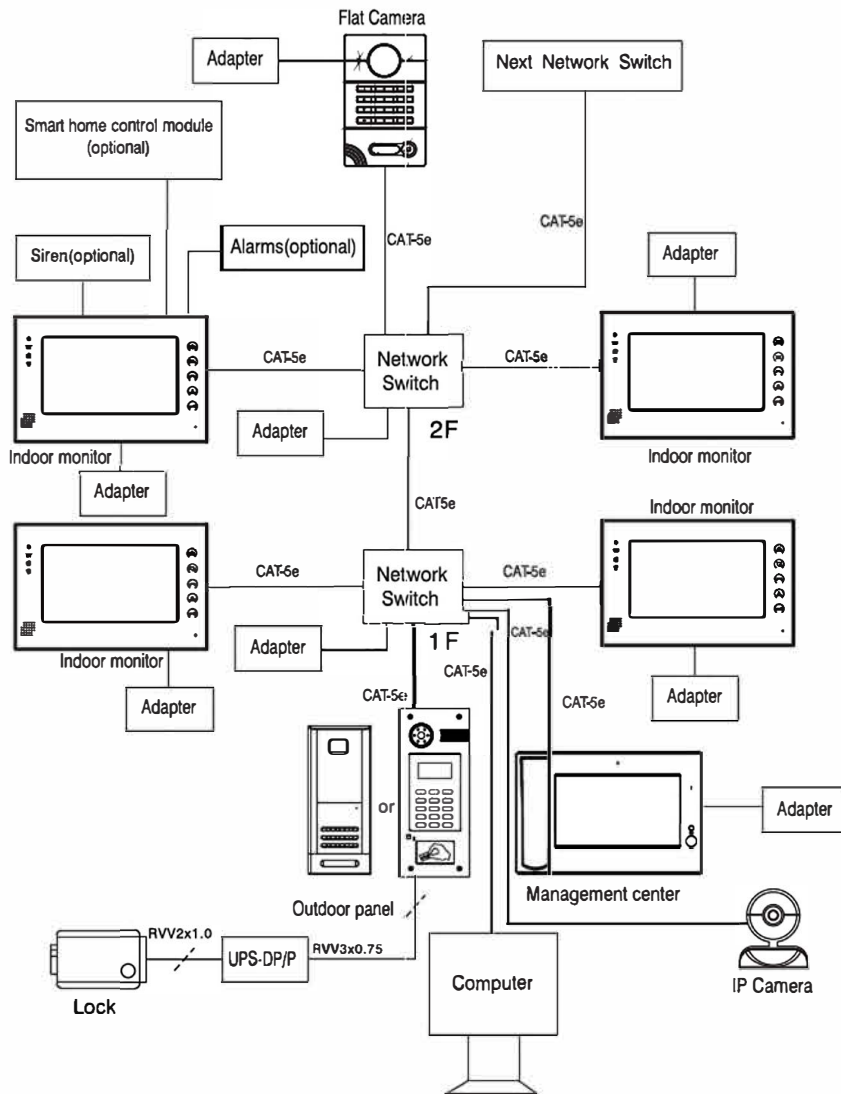
When you touch the screen and find the icons cannot react normally, please make the screen calibration by yourself.

If your indoor monitor has “” unlock button, press this button on the indoor monitor for 5 seconds, the system will enter into the following interface:



Then click the center of cross intersection from ① to ⑤ in turn. After adjustment, the system will be exited automatically.

System Configuration



Notes

Maintenance of devices

1. Keep the clearance of the surface and use soft dry cloth to clean the dust of the product.
2. Please turn off the power of indoor unit when clean the indoor device.
3. If there is hard dirty which cannot be cleaned with dry cloth, please use the soft towel dipped in the neutral diluted detergent to clean the machine and then clear it with dry cloth.
4. Do not use benzene, thinner or organic solvents such as gasoline to clean, these solvents may cause damage to the machine casing or the surface of machine and change colors.

Matters need to be noticed

1. Read the instructions in this handbook carefully. Be sure to keep it for future reference.
2. Be sure to use only the supplied AC 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.
3. Avoid strong hits or shocks. Do not use the AC adapter if it has received any hard knocks or looks damaged in any way; immediately contact an authorized service center.
4. The product should be placed where is stable, windy, air-dry, non-sunshine, non strong magnetic and non dusty.
5. Don't clean the surface with chemicals but with soft and clean dry cloth.
6. Don't press several buttons at the same time.
7. The outdoor and indoor unit must be matched with appointed specified models and cannot match with others that are not our products.
8. Don't disassemble the machine without authorization, if the need for fault repair, please contact the distributors or the company's tech-supporting department.