

IP Camera

(KaiCong IP camera SIP1201)

KaiCong Ares



SIP1201 User manual

2013-03-18 V1.0

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I、Product Description

Statement

If the user manual can't help you to solve the problem, please call our technology center for solutions. We will update the content for the new functions without notice.

Notice

1、Installation Environment

- ✎ Keep away from the places for high-temperature, heat source and direct sunlight;
- ✎ Keep away from water and when it gets wet, cut off the power immediately.
- ✎ Avoid using at damp environment; the reference range for operation humidity is below 85%RH.
- ✎ Avoid using in overheating and too cold environment, the reference range for operation temperature is $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$.
- ✎ Please install it horizontally or wall mounting, avoid strenuous vibration place and not put other equipments on the item.

2、Transport and Handling

- ✎ The package is well-designed to ensure the security during the delivery, so please do not change the package at random.
- 1, Do not move the ip cameras from overheated to super cool condition frequently, otherwise it will frost and shorten the service life.
 - 2, Do not move the item when it is on, otherwise the main board might be damaged.



Notice:

1. Please check the power supply before operating the camera.
2. Be careful do not bang the camera and avoid strong impacts or shocks.
3. Do not directly touch the optical components for the image sensor, if necessary, please clear with a clean and moistened cloth with alcohol and wipe the dirt gently; when not using the camera, please place the dust cover on to the item to protect

[Anything else ,please contanct me.](#)

the image sensor.

4. Do not aim the camera directly into the sun or at other intense light sources that could affect the image quality (it is not a problem for the ip camera), also shorten the service life for the image sensor.
5. The laser may burn down the image sensor, when using the laser gear, do not expose the surface of image sensor in the laser.
6. If the equipment is not working properly, please contact the store or the service center, do not disassemble or modify the equipment in any way. (Problems caused by unauthorized modification or repair should be at your own risk.)

Product introduction

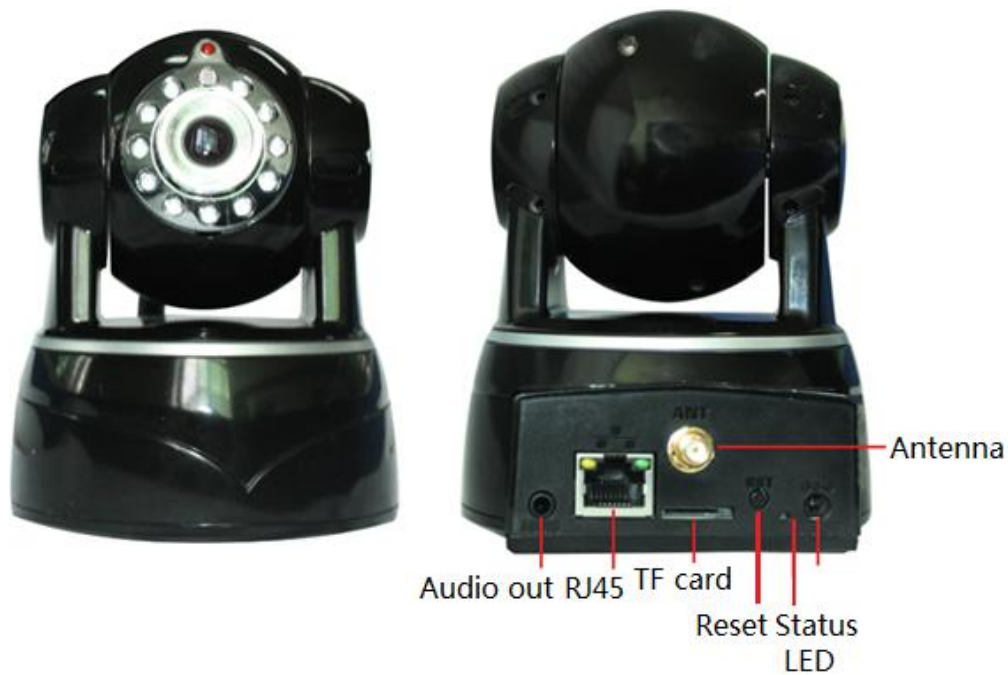
Product summary

Thank you for choosing our company' s M series IP camera, which has several models, including indoor HD PTZ camera, indoor HD cube camera, outdoor HD waterproof camera etc. It is very suitable for houses, shops, office building and so on.

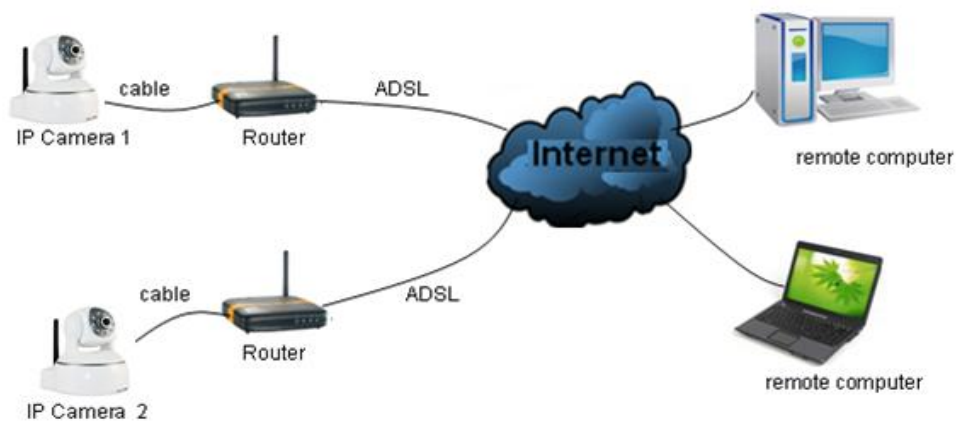
Main features for M series:

- ◆ Support simultaneously 3 kinds of H.264 video stream and 1 way MJPEG video stream, suitable for Local, Internet and Cross-platform view;
- ◆ Support resolution for 1280*720/640*360/320*180;
- ◆ Support 4 ways view in a video stream;
- ◆ Support two-way intercom function, G.711 and G.726 audio encoding;
- ◆ Support 802.11b/g/n protocol, build-in WiFi module to perform wireless monitoring function;
- ◆ Support max. 32G SD/TF card for storing the alarm video and pictures, timing snapshot and recording;
- ◆ Built-in web server, use one port to send all the data, it' s easy to do network setting;
- ◆ Support ONVIF and RTSP protocol, easy to integrate it to NVR or large client software;
- ◆ Support WPS/QSS function;
- ◆ Support POE function for some cameras, user optional;
- ◆ Support multi-languages web interface, support 1/4/9 split screen to perform several view at same time;
- ◆ Manufacturer attaches a label of DDNS at the bottom of each IP Camera. When IP Camera is connected to the internet, this URL can be used to visit the device;
- ◆ Provide free client software, support Multi-view, Long time recording, video replay, etc;
- ◆ Provide free software viewed by mobile phone.

II、Equipment Diagram



III、Equipment connection diagram



IV、Search IP Camera

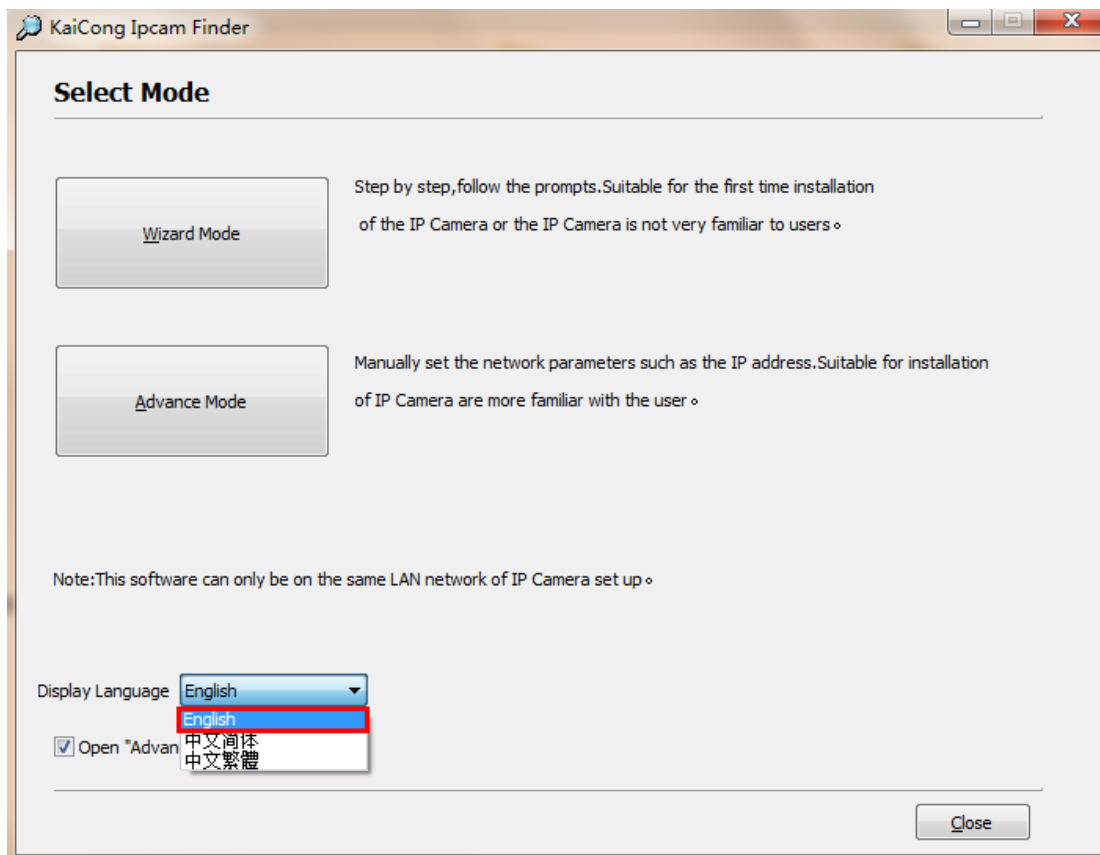
1、Download Software address

<http://kaicong.net/download/KaiCongIPCameraFinder.zip>

[Anything else ,please contantc me.](#)

2、Operate Software

Choose "English" and Click "Advance Mode ",search IP Camera.



KaiCong Ipcam Finder

Select Mode

Current Computer

Network Card: 11b/g/n Wireless LAN Mi

IP: 192.168.1.132

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3 210.22.84.3

Secondary DNS:

Equipment Information

General Others

Name:

HTTP Port: 0

Network:

IP:

Sub Mask:

Gateway:

☒ Custom ☐ Auto

Primary DNS:

Secondary DNS:

Inner access: Open

Outer access:: Check Open

Equipments

Series	Name	IP
F	IPCAM	192.168.1.152
F	KaiCongipcam	192.168.1.128
F	Warehouse...	192.168.1.67
F	kaicongipcam	192.168.1.12
F	310All	192.168.1.141
F	320 Hallway	192.168.1.148

Count: 19 Export

Auto Config Find Apply

Prev Next Close

Software interface

Select Mode

Current Computer

Network Card: 11b/g/n Wireless LAN Mi

IP: 192.168.1.132

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3 210.22.84.3

Secondary DNS:

Equipments

Series	Name	IP
F	IPCAM	192.168.1.152
F	KaiCongipcam	192.168.1.128
F	Warehouse...	192.168.1.67
F	kaicongipcam	192.168.1.12
F	310All	192.168.1.141
F	320 Hallway	192.168.1.148

Count: 19 Export

Equipment Information

General Others

Name:

HTTP Port: 0

Network:

IP:

Sub Mask:

Gateway:

☒ Custom ☐ Auto

Primary DNS:

Secondary DNS:

Inner access: Open

Outer access: Check Open

Auto Config Find Apply

Prev Next Close

Area A: Shows all the network parameters of the current computer, the most important is the LAN gateway address (IP address), in this case 192.168.1.1, the IP of the network cameras, gateway, DNS must be based on the current LAN gateway to set.

Area B: Display all KaiCong network cameras accessed in LAN, this instruction includes a total of 21 sets network cameras.

Area C: Select any network camera in area B, you can query and set the network camera parameters.

Notice:

If the search tools has not searched ip camera in the current LAN, network cameras, please make sure whether the ip camera is connected to the power, LAN, and computers in a local area network. If the computer installed antivirus software, please temporarily shut down antivirus software.

Set IP Camera -----Choose one and don't network parameter setting

Select Mode

Current Computer

Network Card: 11b/g/n Wireless LAN Mini-PCI-E

IP: 192.168.1.124

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3 210.22.84.3

Secondary DNS:

Equipments

Series	Name	IP
F	Warehouse...	192.168.1.14
F	218 Hallway	192.168.1.148
F	320 Hallway	192.168.1.148
F	Warehouse...	192.168.1.148
F	201window	192.168.1.138
F	1018 of R...	192.168.1.112

Count: 19 Export

Equipment Information

General Others

Name: 201window

HTTP Port: 2014

IP: 192.168.1.138

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3

Secondary DNS:

Inner access: http://192.168.1.138:2014 Open

Outer access: Check Open

Auto Config Find Apply

Prev Next Close

Name: Camera Name:

port: Default port "80", please modify as a "non-80" port. The camera's port is 9605.

IP: Camera IP must and router in a gateway. The camera's IP address is 192.168.1.229.

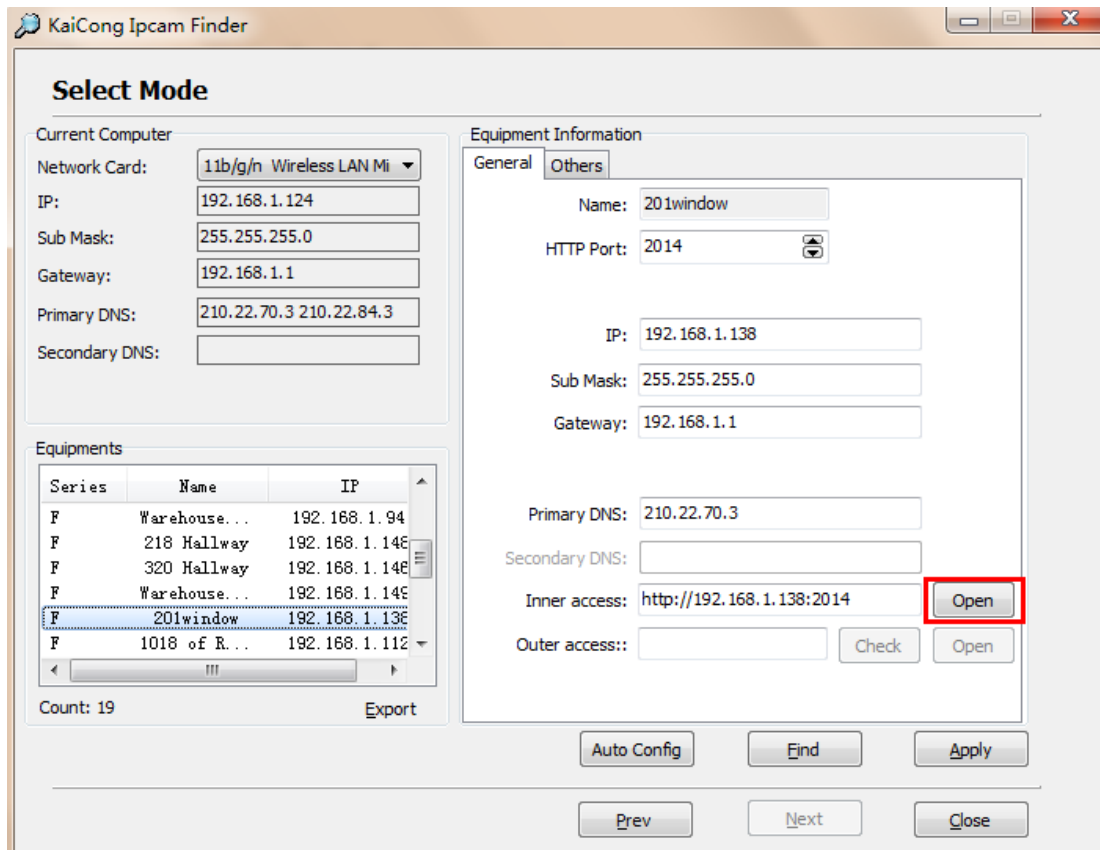
Sub Mask: Default 255.255.255.0.

Gateway: Gateway address is the router IP-----192.168.1.1

Primary DNS: Fill in router IP.

The end, click the "apply", the cameras begins to restart, remain energized.

Click "Open", fill in the camera's user name and password(default admin &123456), login camera.



KaiCong Ipcam Finder

Select Mode

Current Computer

Network Card: 11b/g/n Wireless LAN Mi

IP: 192.168.1.124

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3 210.22.84.3

Secondary DNS:

Equipments

Series	Name	IP
F	Warehouse...	192.168.1.94
F	218 Hallway	192.168.1.146
F	320 Hallway	192.168.1.148
F	Warehouse...	192.168.1.149
F	201window	192.168.1.138
F	1018 of R...	192.168.1.112

Count: 19 Export

Equipment Information

General Others

Name: 201window

HTTP Port: 2014

IP: 192.168.1.138

Sub Mask: 255.255.255.0

Gateway: 192.168.1.1

Primary DNS: 210.22.70.3

Secondary DNS:

Inner access: http://192.168.1.138:2014 **Open**

Outer access: Check Open

Auto Config Find Apply

Prev Next Close



Windows Security

The server 192.168.1.229 at ipcamera_78A5DD077F3D requires a username and password.

Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).

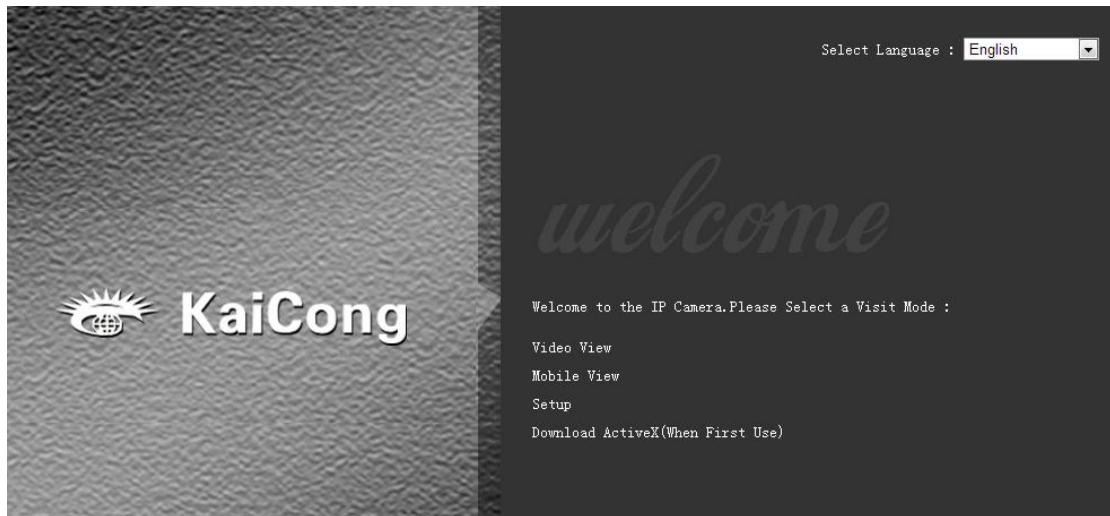
User name

Password

☐ Remember my credentials

OK Cancel

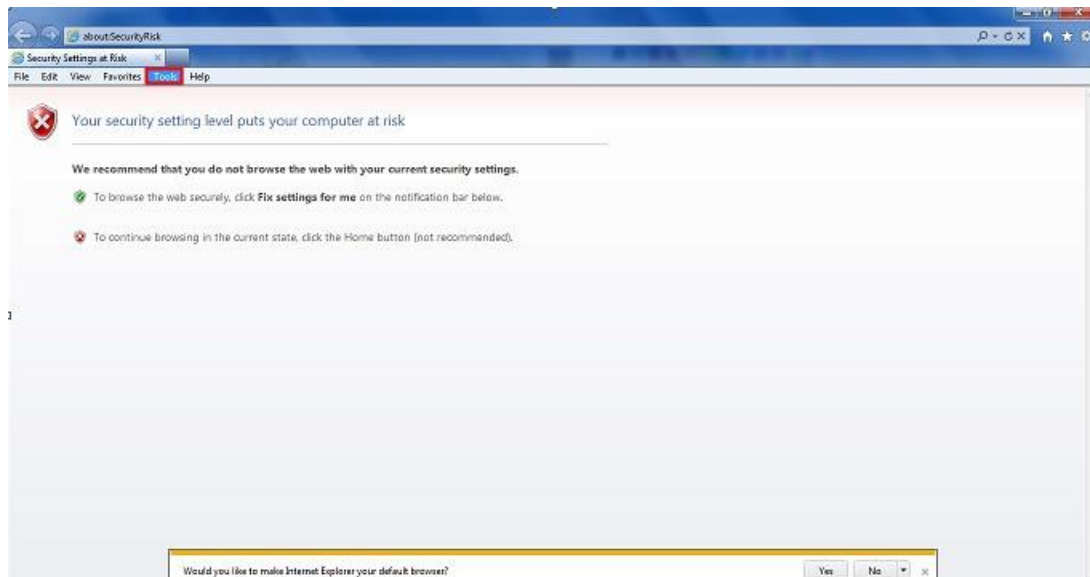
Select the language "English mode".



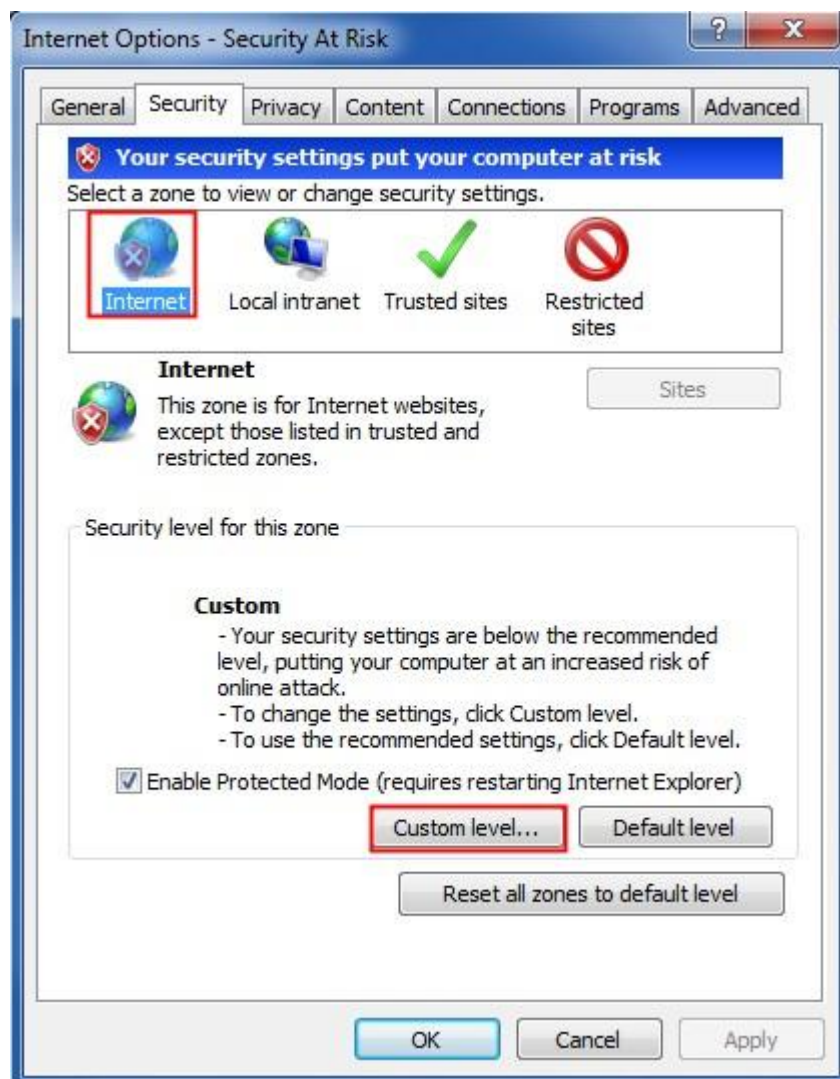
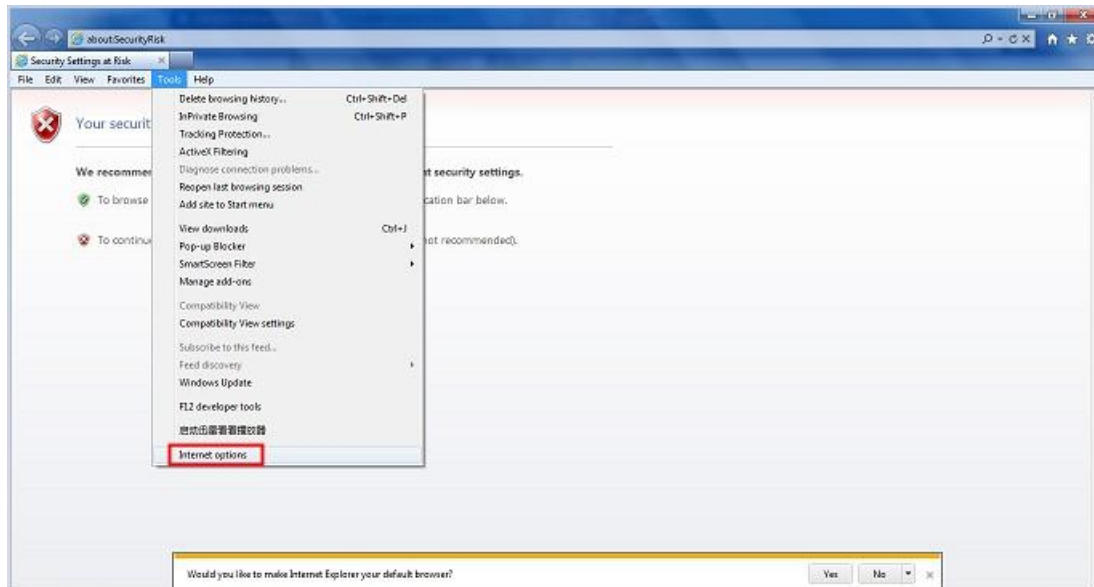
First login the device, you need install Browser plug-in of camera, click f5, login the device again.

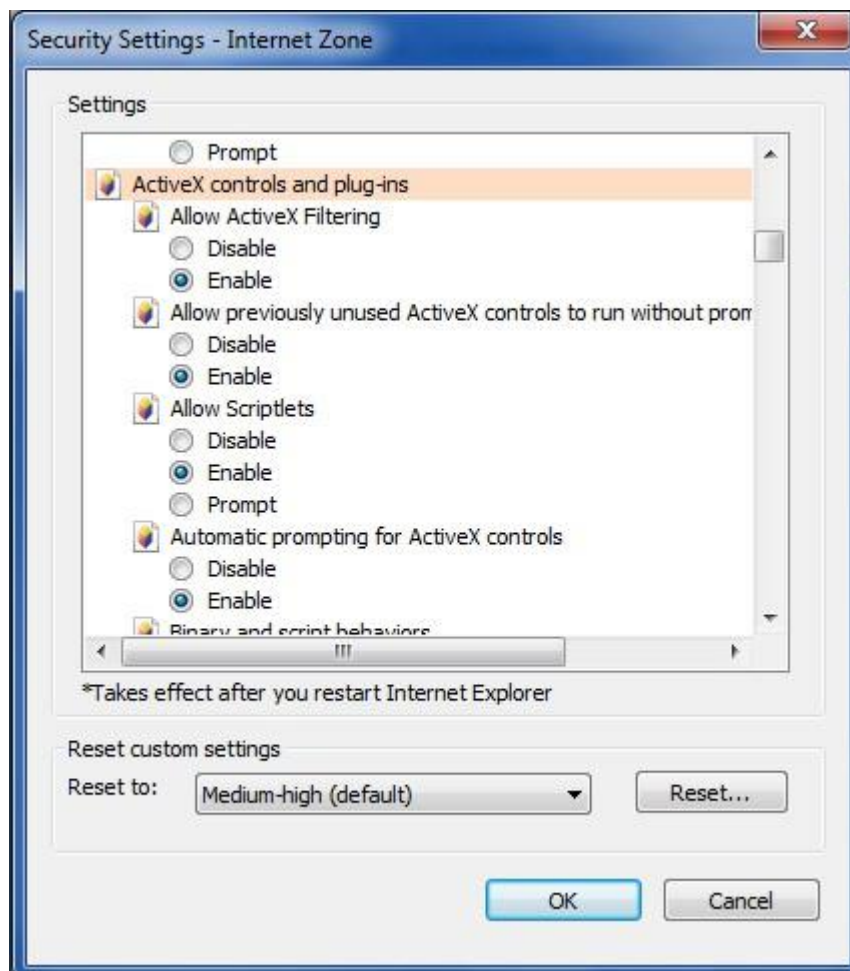
Browser Control Installation

IE browser Click "Tools" --- "internet options" --- "security" in the "Security" tab Click the "internet" and "Trusted sites" (Windows 7 for credible sites ") under" custom Level "in the sub-option" ActiveX controls and plug-ins ", select Enable three: ActiveX controls and plug-ins, ActiveX controls not marked as safe for scripting the early start and execute the script, Download unsigned ActiveX controls, click on the "OK" and restart the browser.

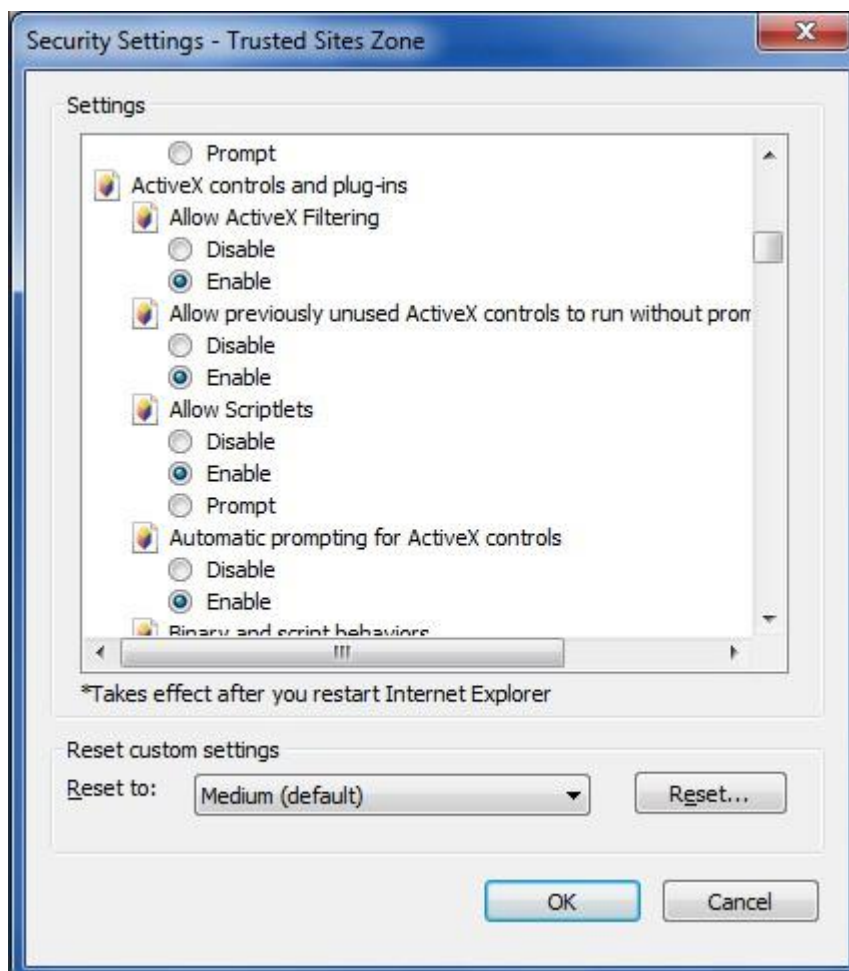


[Anything else ,please contact me.](#)

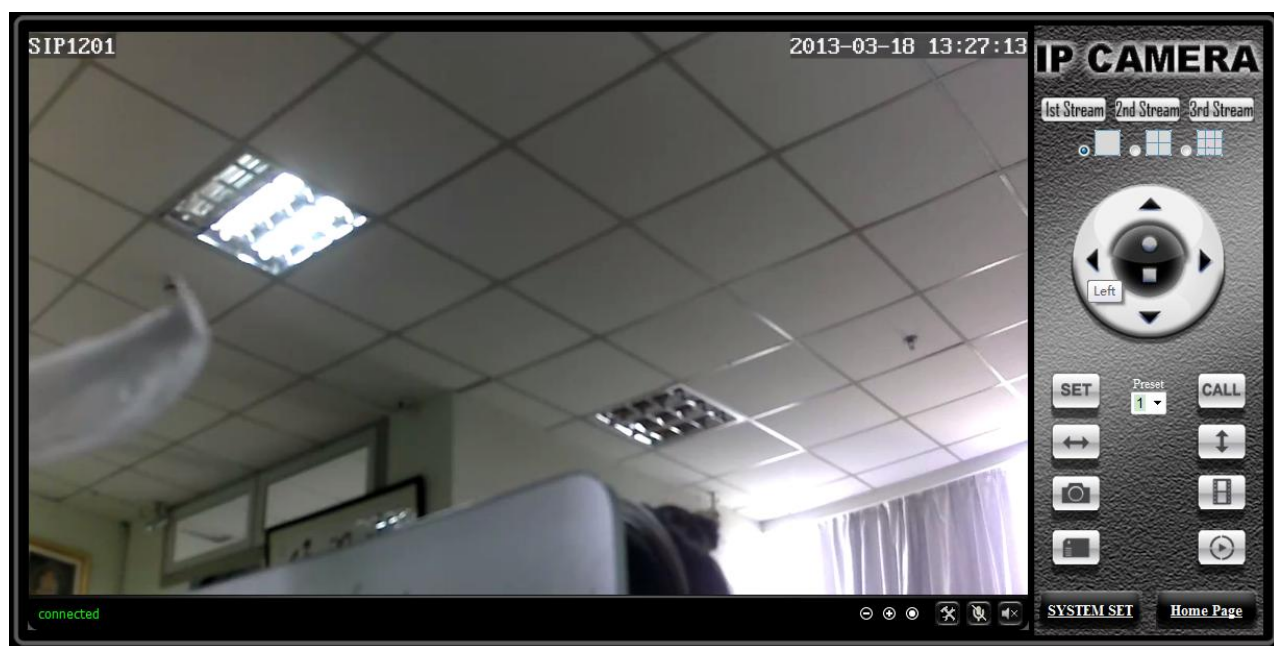








Click "OK", restart IE, login IP Camera again. Download IE plug-in, choose "English Mode ", type the user name (default: admin) and password (default: 123456).



View video



Figure 8

Status bar



Figure 9


- ① Display connection status;
- ② Display record status: if click “Record”, it will show “REC” which stands for recording; click record button again, it will stop;
- ③ Zoom out, zoom in and restore digital zoom;
- ④ Set saving file path: set the location for recording and capturing file storage;
- ⑤ Talk button: Click this button to hear what the person at the side of computer talks. Click it again, it will stop playing;
- ⑥ Audio monitor button: Click this button to hear what people talking about at the side of IP Cameras.



Choose video stream

You can choose primary stream, second stream or third stream to view the video. Recommend to view by primary stream in LAN, by second stream in WAN and by third stream in mobile phone.


You can view the video by four, nine pictures in same screen, but need to set the camera in 3.6.6 multiple setting.

PTZ control

If the camera supports PTZ function, you can click up, down, left, right arrow to control the camera moving, click  button to center and stop the camera.

When you set camera to a preset position, and then click ‘’, after the camera has been changed to another direction, click  can move the camera to the previous position.

Snap /record / SD card/playback

- ◆ Click “Snap” button, to take a photo and save it to the specified file.
- ◆ Click “Record” button to start record. Click again to stop record.
- ◆ Click “Check TF/SD card” can browse the files in the SD card (If the SD card already equipped inside the camera), you can select directly and download;
- ◆ Click “Playback” button, it will show a player which can play the record video. For these buttons  means: play; stop; open video file; play slowly; play quickly.

Video setting

Video parameters

The screenshot shows a video settings window with the following sections and parameters:

- Power Line Frequency :** 50Hz
- First stream**
 - Resolution :** 1280x720
 - Bit Rate :** 4096 kbps
 - Frame Rate :** 25 fps
- Second stream**
 - Resolution :** 640x360
 - Bit Rate :** 1024 kbps
 - Frame Rate :** 25 fps
- Third stream**
 - Resolution :** 320x180
 - Bit Rate :** 256 kbps
 - Frame Rate :** 25 fps
- JPEG Stream**
 - Resolution :** 320x180
- Overlay Options**
 - Time Stamp :** ☒ On ☐ Off
 - Camera Name :** ☒ On ☐ Off
 - Name :** IP Camera

Red annotations with arrows point to specific settings:

- Annotation: "If pictures have ripple, can adjust it to elimininate ripple here" points to the Power Line Frequency dropdown.
- Annotation: "The bigger the bit rate , the video is more fluent , take up more bandwidth." points to the Bit Rate dropdown of the First stream.
- Annotation: "The higger the frame rate, the more smooth image." points to the Frame Rate dropdown of the Second stream.
- Annotation: "They will be displayed at monitoring image when selected 'on'" points to the Time Stamp and Camera Name radio buttons.

Buttons at the bottom: Apply, Cancel.

Figure 10

JPEG stream is for viewing by non windows platform, for example, click 'mobile view' in homepage, it transmit actually the JPEG stream.

Audio parameters

The screenshot shows a dialog box titled "Audio Options" with the following settings:

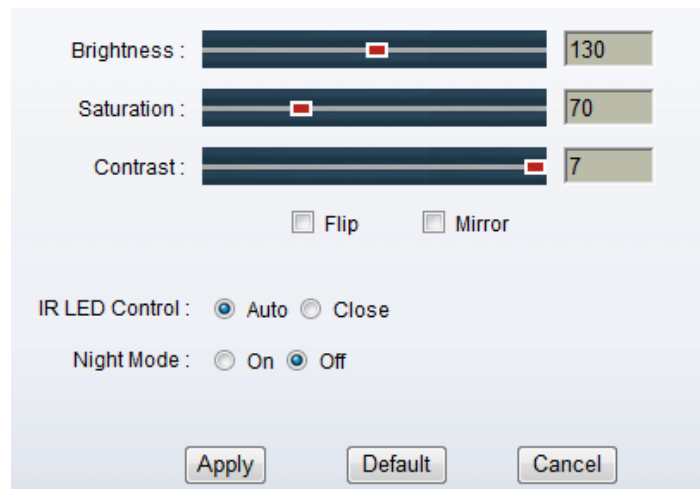
- Audio Options**
 - Input Volume : 65 (1-100)
 - Output Volume : 45 (1-100)
- First stream**
 - Audio Capture : ☒ On ☐ Off
 - Audio Type : G.711 **⇒ G.711 sound quality is good but takes up more bandwidth.**
- Second stream**
 - Audio Capture : ☒ On ☐ Off
 - Audio Type : G.726 **⇒ G.726 sound quality is worse but takes up less bandwidth.**
- Third stream**
 - Audio Capture : ☒ On ☐ Off
 - Audio Type : G.726

At the bottom are "Apply" and "Cancel" buttons.

Figure 11

The camera supports G.711 and G.726 audio encoding format. The sound of the G.711 is better, but it occupies more bandwidth. If you click "On" of the audio capture, so it will transmit audio in corresponding video stream. Please open the audio here, then you will hear the sound when clicking audio play button in figure 9.

Image parameters



Brightness : 130

Saturation : 70

Contrast : 7

☐ Flip ☐ Mirror

IR LED Control : ☒ Auto ☐ Close

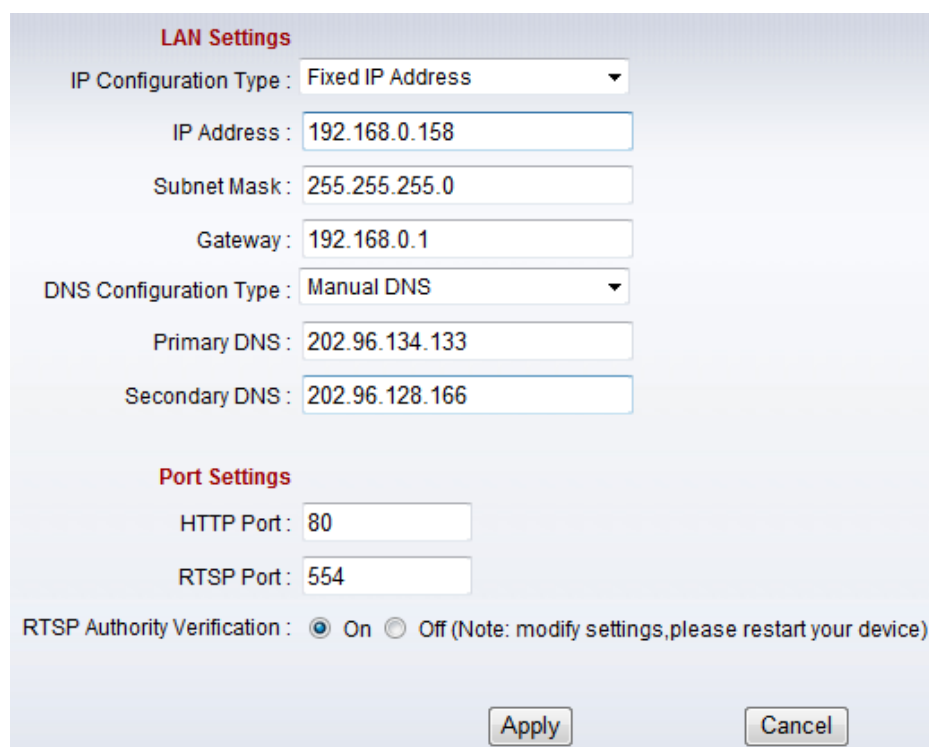
Night Mode : ☐ On ☒ Off

Figure 12

You can select “close” to disable IR LED when you don’ t need it. It will cut automatically frame rate to enhance night vision at night when select “on”.

Web setting

Basic web setting



LAN Settings

IP Configuration Type : Fixed IP Address ▼

IP Address : 192.168.0.158

Subnet Mask : 255.255.255.0

Gateway : 192.168.0.1

DNS Configuration Type : Manual DNS ▼

Primary DNS : 202.96.134.133

Secondary DNS : 202.96.128.166

Port Settings

HTTP Port : 80

RTSP Port : 554

RTSP Authority Verification : ☒ On ☐ Off (Note: modify settings,please restart your device)

Figure 13

The cameras support RTSP protocol, if select “on” of “RTSP authority verification”, you need to enter user name and password when invoking video by RTSP protocol.

[Anything else ,please contact me.](#)

Remote visit setting

In chapter 2.3, you have known how to do port forwarding. After the success of the Dst port setting, you can also visit camera by DDNS. The manufacturer has established a DDNS system, and allotted a DDNS to every device, the user can view it from remote PC, example of figure 14.

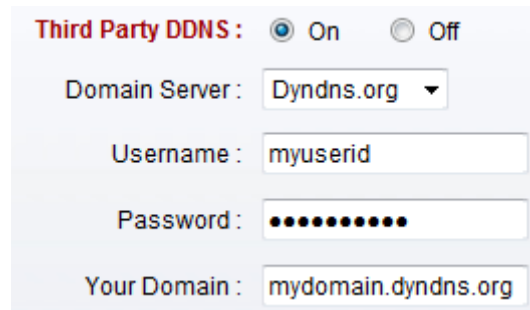


Manufacture's DDNS : ☒ On ☐ Off

Manufacture's Domain :

Figure 14

User can also use third party DDNS, such as www.dyndns.com. User applies a free domain name from this website and fills the info into below blanks (Figure 15) and saves the settings. Then the domain name can be used.



Third Party DDNS : ☒ On ☐ Off

Domain Server :

Username :

Password :

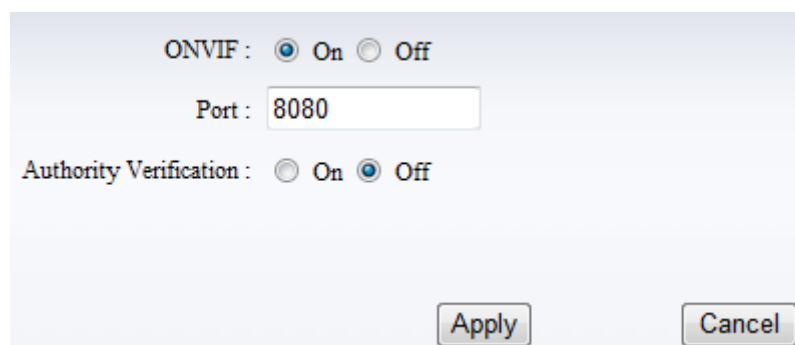
Your Domain :

Figure 15

Notice: Using the third party DDNS, if the http port is not 80, the port number should be added to the domain name with colon.

Example: <http://mydomain.dyndns.org:81>.

ONVIF setting



ONVIF : ☒ On ☐ Off

Port :

Authority Verification : ☐ On ☒ Off

Figure 16

The camera supports ONVIF protocol, so it can be interconnected with other factory camera with ONVIF.

[Anything else ,please contact me.](#)

Alarm setting

External Alarm Input

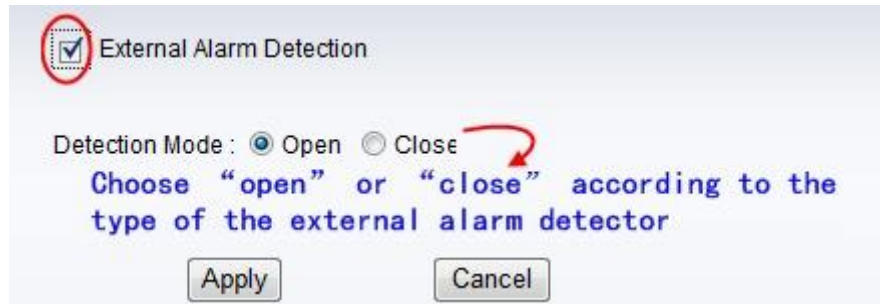


Figure 17

The camera should have external alarm input port to enable this functions. Connect external alarm detector to the input port, the detector will output switching signal when it detects any abnormal, input port of the camera will detect the level change, so it will detect the alarm, therefore the detector should be switching sensor (same as switch)

Motion Detection Setting

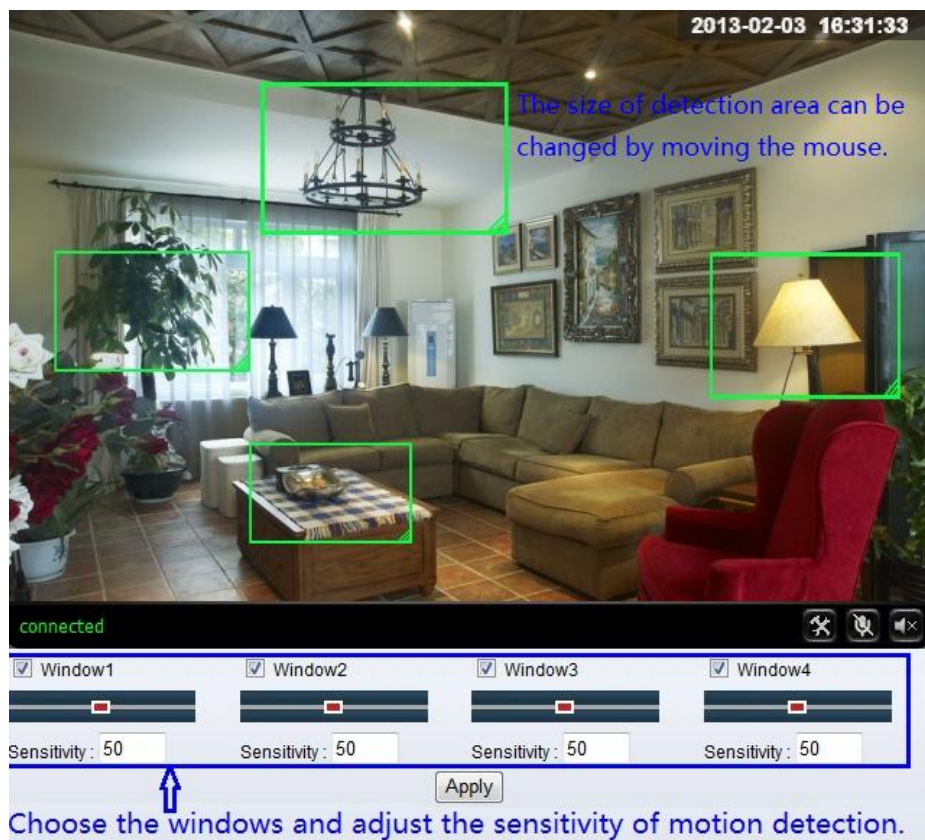


Figure 18

Please click "apply" after the settings are done, and motion detection takes effect.

[Anything else ,please contact me.](#)

The higher the value is, the higher sensitivity will be. The camera will trigger corresponding alarm when any change occurs in the detection area.

Alarm mode setting

After detecting any change, it will alarm as several mode, example of figure 18.

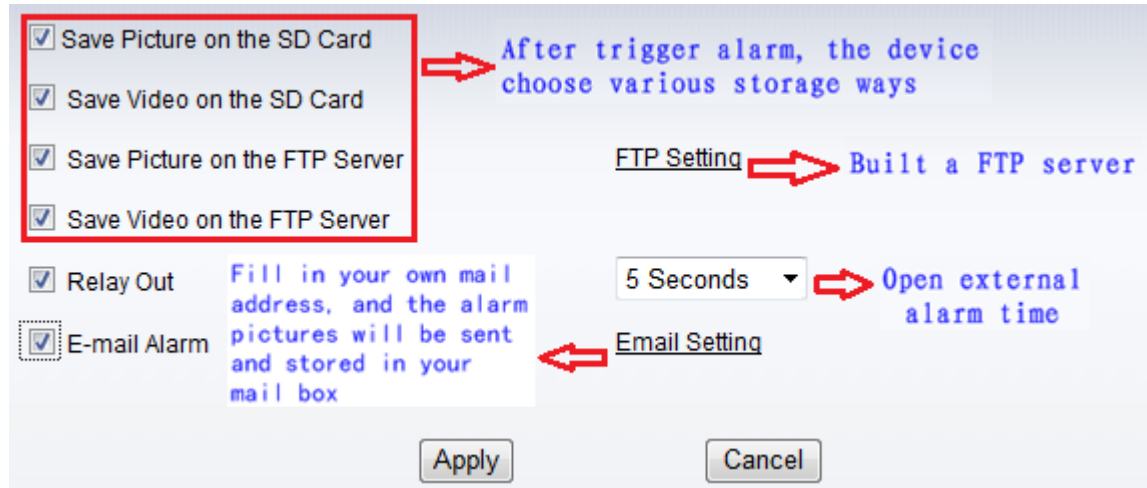


Figure 19

Alarm time setting

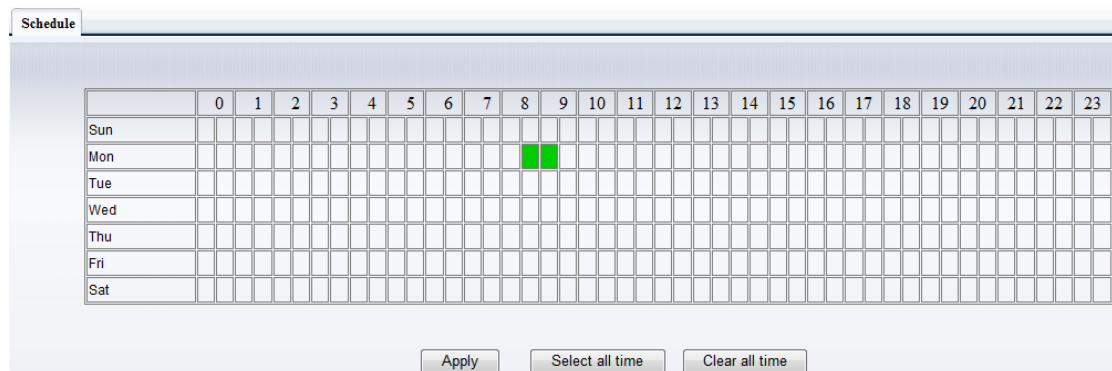


Figure 20

The device will trigger the alarm only during the scheduled time period, you can select the scheduled time according to your request. Example of figure 20, set armed time from Mon 8:30 to 9:00, you only need to click the corresponding time block to set them, the time block will become green when you selected.

Note: Please make sure your system time is correct before you set the alarm time period. Please refer to chapter 3.6.2 to set system time.

[Anything else ,please contact me.](#)

Advanced setting

User management

purview	User Name	Password	Re-Type Password
Administrator	<input type="text" value="admin"/>	<input type="password" value="....."/>	<input type="password" value="....."/>
Operator	<input type="text" value="user"/>	<input type="password" value="...."/>	<input type="password" value="...."/>
Guest	<input type="text" value="guest"/>	<input type="password" value="....."/>	<input type="password" value="....."/>

Figure 21

There are 3 levels of user authorization in it.

- ◆ Administrator: “admin” has the highest authority. It can do any settings. The factory default password: 123456.
- ◆ User: user can only operate the device but can’ t do any settings. The default password is user.
- ◆ Guest: User can view the video, but can’ t operate the device. The default password is guest.

Note: Please change these 3 level passwords at the first time when using to ensure your safety.

Auto Capture Setting

TF/SD Card Interval :	<input type="text" value="60"/>	Seconds
<input checked="" type="checkbox"/> Save Images To the TF/SD Card		
FTP Interval :	<input type="text" value="60"/>	Seconds
<input type="checkbox"/> Save Images To an FTP Server		FTP Setting
<input type="button" value="Apply"/>		<input type="button" value="Cancel"/>

Figure 22

Tick “Save Images to the TF/SD card”, the snapped pictures will be stored into SD card during the setting time.

Timer recording

Schedule Recording : ☒ On ☐ Off

Record Files Duration : Seconds

Stream :

Schedule Record Time :

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

Figure 23

Example: figure 23, set recording time from Mon 8:30 to 9:00.

E-mail Setting

SMTP Server Name : Server Port SSL ☐

Authentication : ☒ On ☐ Off

User Name :

Password :

Send To : (e-Mail Address 1)

(e-Mail Address 2)

(e-Mail Address 3)

Sender : (Return e-Mail address)

Subject :

Message :

(The maximum length of 255 Characters)

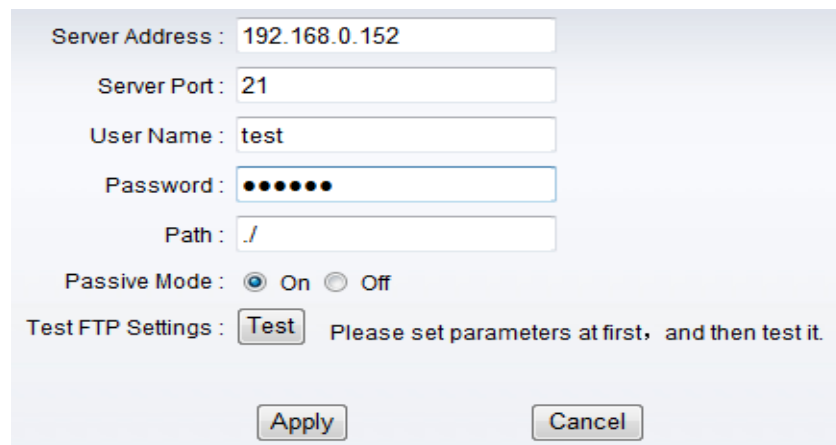
Test Email settings : Please set parameters at first, and then test it.

Figure 24

The SMTP server name: It is email address server, for example of SOHU email address, it is "smtp.sohu.com". Please fill all blanks which we filled above in figure 24 as example. Otherwise, the settings will fail.

Please click “Test” to test if the E-mail setting is successful.

FTP setting



Server Address : 192.168.0.152

Server Port : 21

User Name : test

Password : ●●●●●●

Path : ./

Passive Mode : ☒ On ☐ Off

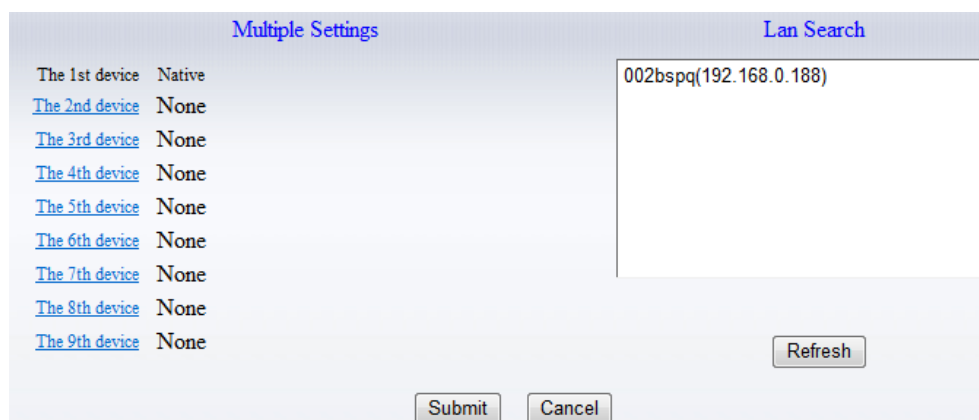
Test FTP Settings : Please set parameters at first, and then test it.

Figure 25

Before using FTP function, first of all, apply on the FTP server the FTP user name, password, FTP storage space and the authority to create sub-category to store the video or pictures.

Notice: The password should not be special character; otherwise the camera can't identify it.

Multiple settings



Multiple Settings

The 1st device	Native
The 2nd device	None
The 3rd device	None
The 4th device	None
The 5th device	None
The 6th device	None
The 7th device	None
The 8th device	None
The 9th device	None

Lan Search

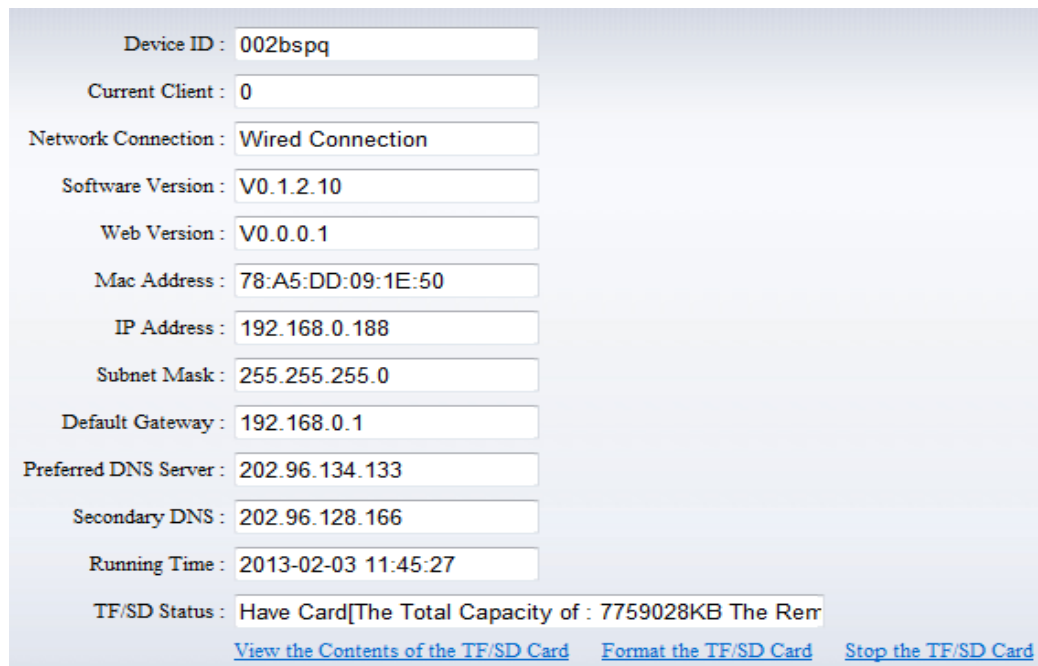
002bspq(192.168.0.188)

Figure 26

Please set multiple devices here first to view 4 or 9 split screen at chapter 3.1 in the view interface.

System setting

Device information



Device ID :	002bspq
Current Client :	0
Network Connection :	Wired Connection
Software Version :	V0.1.2.10
Web Version :	V0.0.0.1
Mac Address :	78:A5:DD:09:1E:50
IP Address :	192.168.0.188
Subnet Mask :	255.255.255.0
Default Gateway :	192.168.0.1
Preferred DNS Server :	202.96.134.133
Secondary DNS :	202.96.128.166
Running Time :	2013-02-03 11:45:27
TF/SD Status :	Have Card[The Total Capacity of : 7759028KB The Rem

[View the Contents of the TF/SD Card](#) [Format the TF/SD Card](#) [Stop the TF/SD Card](#)

Figure 27

SD status shows the free capacity if SD card is installed.

Notice: the device supports max 32G SD card. Please format the SD card to FAT32 before using the card on camera. Please check whether the SD Card matches the camera or not before purchasing the SD Card.

Date and time setting



Current Date & Time :	2013-01-18 12:53:18
Network Time Protocol	<input checked="" type="checkbox"/>
NTP Server :	time.windows.com ▼
Time Zone	(GMT+08:00) Beijing,Chongqing,Hong Kong,Urumqi ▼

Figure 28

Example: figure 28, please select the time zone first, then select a NTP server and obtain time from network time server.

[Anything else ,please contact me.](#)

Initialize setting

Reboot Camera :	<input type="button" value="Confirm"/>
Restore Factory Default :	<input type="button" value="Confirm"/>
Backup Settings Data :	<input type="button" value="Confirm"/>
Restore Settings Data :	<input type="text"/> <input type="button" value="Browse"/> <input type="button" value="Confirm"/>
Firmware Upgrade :	<input type="text"/> <input type="button" value="Browse"/> <input type="button" value="Confirm"/>

Figure 29

If you click “Confirm” of Backup setting data, the camera will create a file, you can store it to your computer, and you can directly use this file to restore the settings. The function helps to manage the cameras and no need to do all the settings again.

The firmware upgrade is for updating system firmware and web UI.

System Log

System Log	
[2013_01_17 20:36:23]	ipc_server start.
[2013_01_18 10:52:00]	user(admin) login for live stream.
[2013_01_18 11:02:43]	user(admin) logout from live stream.
[2013_01_18 11:03:09]	user(admin) login for live stream.
[2013_01_18 11:04:17]	user(admin) logout from live stream.
[2013_01_18 11:06:42]	user(admin) login for live stream.
[2013_01_18 11:08:12]	user(admin) logout from live stream.
[2013_01_18 12:38:21]	user(admin) login for live stream.
[2013_01_18 12:39:15]	user(admin) logout from live stream.

Figure 30

WiFi connection to LAN

After finishing the wired connection as chapter 2.1, you can connect the camera by WiFi.

Login camera in wired connection and enter wifi setting, and then operate as the following step, example of figure 5.



Figure 5

Select 'On' and click 'Search', and then select wireless router in pop up menu, click 'OK' and enter its password, click 'apply' to save the wireless settings. And you can click 'check' to check if the wireless setting is successful. After setting successfully, please pull out network cable and reboot the camera to use the wireless function.

Because the camera supports WPS/QSS, you can set wireless by simple way as below. Please confirm if the router which is connected to camera supports WPS/QSS (you can check user manual of the router or get the support from router factory);

Press WPS/QSS button on the router, it will launch the function.

Press and hold on reset button for 2~5 seconds after it ran normally (not need connect cable), it will launch the WPS/QSS function, then match the setting with the router, the status LED always on when it was matching, and it will flash after matching successfully.

Unplug power adaptor and reboot the camera, then you can use the wireless connect function.

Note: The camera will automatically stop the function when the matching is unsuccessful after continuing 50 seconds. Due to different kinds of the router, we are not sure our camera can be connected to all routers successfully.

Connection to WAN

You should connect it to LAN network and do the port forwarding at first, and then connect the LAN network to WAN, connect as figure 6.

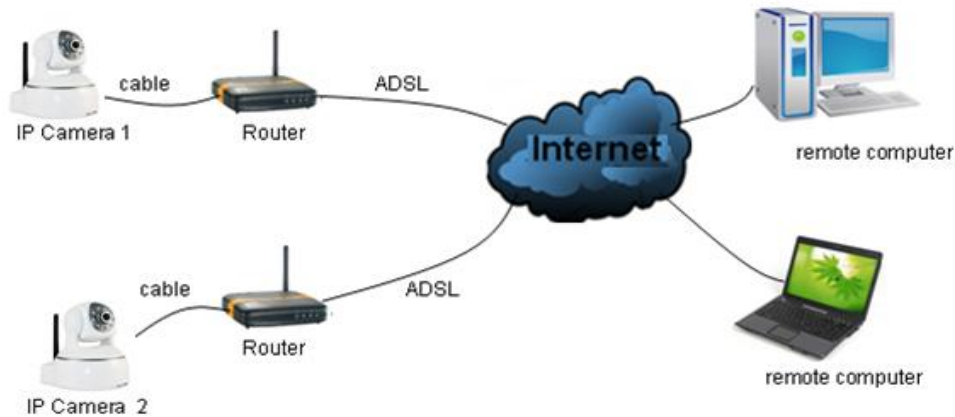


Figure 6

For example: operation step of port forwarding as figure 7.

The figure displays four screenshots from the Netgear SmartWizard configuration interface, illustrating the steps for port forwarding:

- Top Left:** The 'Basic Settings' tab is selected. Under 'Does Your Internet Connect', 'Yes' is chosen. A red arrow points to the 'Port Forwarding / Port Triggering' option in the left sidebar, labeled with a red '1'.
- Top Right:** The 'Please select the service type' section shows 'Port Forwarding' selected. Below, the 'Add Custom Service' button is highlighted with a red box and labeled with a red '2'.
- Bottom Left:** The 'Ports - Custom Services' dialog box is shown. The 'Service Name' is 'IP', 'Service Type' is 'TCP/UDP', 'Starting Port' and 'Ending Port' are both '9191', and 'Server IP Address' is '192.168.1.158'. A red arrow points to the 'Starting Port' field, labeled with a red '3'.
- Bottom Right:** The same 'Ports - Custom Services' dialog box is shown, but with a red arrow pointing to the 'Apply' button, labeled with a red '4'.

Figure 7

- 1) Please go to the setting interface of Router, and choose "Port Forwarding" ;
- 2) Choose "Add custom Service" ;
- 3) Input IP camera http port;
- 4) Input LAN IP Address of the camera, click "Apply" (port number and IP address

as you set in figure 2)

After finishing the port forwarding, you can use WAN IP address of router and http port of camera to visit the camera by remote computer as figure 6.

Notice: because the routers are different, so the interface and setting method of router are also different, how to do the port forwarding for various routers, please refer to the user manual of your router or consult with router manufacturer.

Visiting device by other software

Other web browser

In the Windows OS, for using browser with IE kernel, user must download the ActiveX. While for Safari and Firefox browsers, please Download “QuickTime” plug-in and install it to access the IP camera. After installation, please run the QuickTime program to access the QuickTime Preferences dialog box from Edit Menu, example as figure 31. Click “Advanced”, select “custom.” in the Transport Setup. It pops up the Streaming Transport dialog box. Please select “HTTP” for transport protocol and “80” as port ID, click “ok”, and then return to Transport Setup to change “Custom” to “Auto”. Finally, click “ok” at the bottom. After finishing these settings, run the Firefox or Safari browser to view the video.

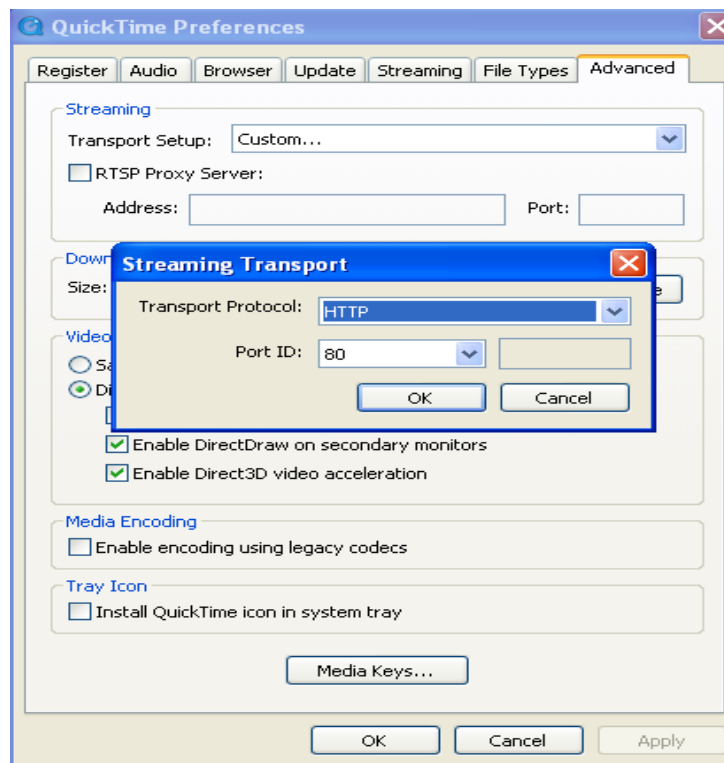


Figure 31

In Mac computer, the Quick time is installed by default, so the user simply accesses setting tool folder at application folder and run the command program, enter command

[Anything else ,please contact me.](#)

by command line mode:

```
qtdefaults write Transport Settings HTTP 80
```

And then run the Safari browser to view the video.

Note: Please select the G.711 audio code format for hearing sound in Quick time plug-in.

CMS

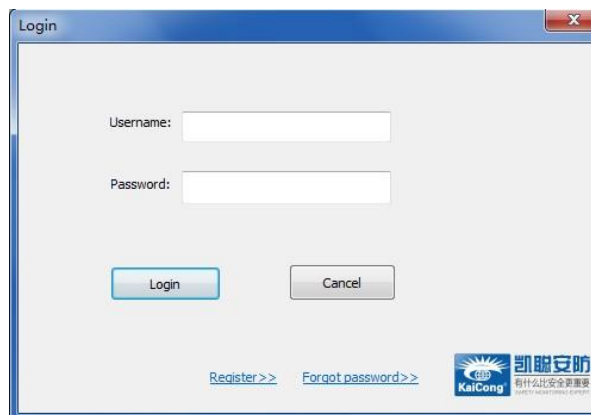
Download CMS

<http://kaicong.net/download/KaicongCMS.zip>

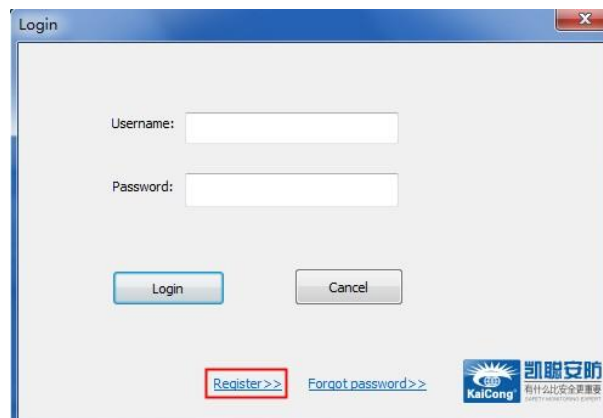


Register and Login

Open “KaiCongCMS_EN.exe”



This version of client need a computer linked to the Internet and registered and activated DDNS server.



[Anything else ,please contact me.](#)

Welcome Register Cachon the Official dynamic DDNS! You can choose to register Gmail, Hotmail and other free e-mail.

*Email Address:	<input type="text" value="grasseshu@126.com"/>	✓ Congratulations, your input on!
	The user name is your email address, please fill in the correct e-mail address through the mailbox to activate the account.	
*Password:	<input type="password" value="....."/>	✓ Password Strength: Medium
	6 to 16 characters, including letters, numbers, characters, symbols, and case-sensitive.	
*Confirm Password:	<input type="password" value="....."/>	✓ Password consistent
	Please enter the password again.	
*Verification code:	<input type="text" value="KPZF"/> <input type="text" value="KPZF"/>	
<input type="button" value="Register"/>		


Kai Cong DDNS server will automatically send an activation email to the registered email, landing register to use the mailbox to find the activation email, activate account CMS.

Hello: Please click on the link below to activate the account immediately (or copy the URL into the browser open):
<http://s.kaicong.info/Dvr/Active.aspx?activecode=1eafaabc-cdf3-4d93-a10b-aa52483b31e4&id=luming.hj@kaicong.info>

Login CMS

Login

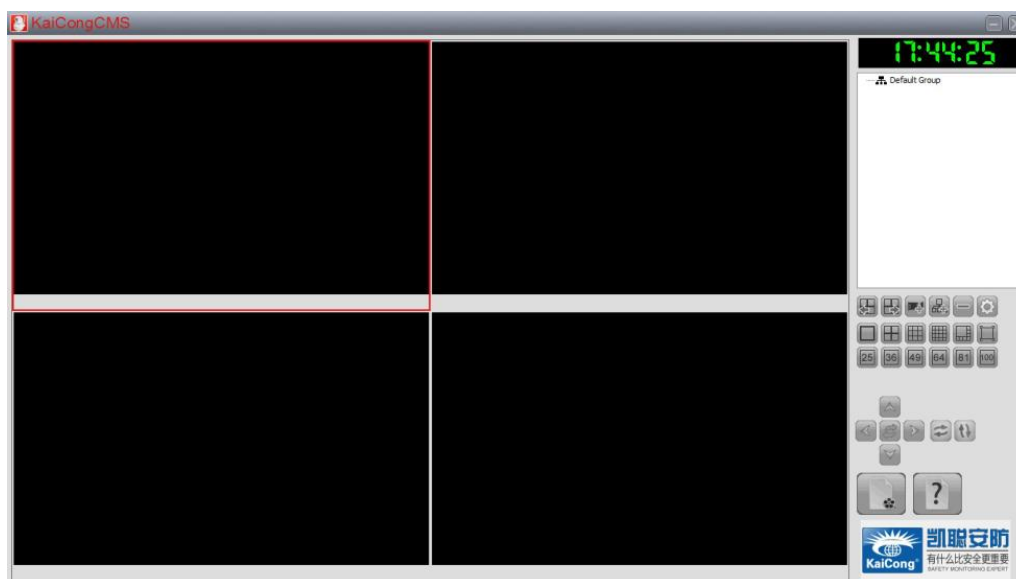
Username:	<input type="text" value="grasseshu@126.com"/>
Password:	<input type="password" value="....."/>
<input type="button" value="Login"/> <input type="button" value="Cancel"/>	
Register >> Forgot password >>	

 凯明安防
有什么比安全更重要
KaiCong

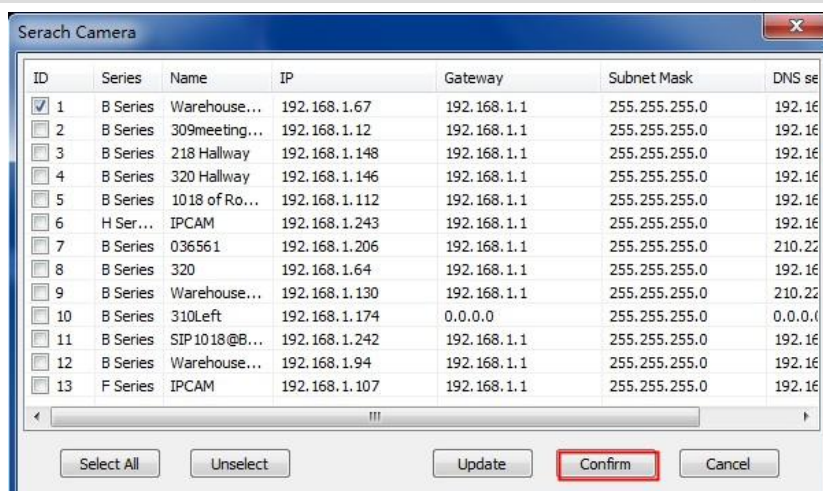
KaiCongCMS

Login Successful

KaiCong-Nothing important than safety!



Search IP Camera



[Anything else ,please contact me.](#)

KaiCong-Nothing important than safety!



Edit Camera Info

Camera Type: B Series

Camera Name: B Series-192.168.1.67

☒ IP Mode ☐ DDNS Mode (For WAN Visit)

Address: 192.168.1.67:94 Find

For example: IP Mode(Address:192.168.1.101:81), DDNS Mode(DDNS Name:xxxxx)

Camera Username: admin

Camera Password:

OK Cancel

Filled user & password

[Anything else ,please contact me.](#)

KaiCong-Nothing important than safety!

Edit Camera Info

Camera Type: B Series

Camera Name: B Series-192.168.1.67

☐ IP Mode ☒ DDNS Mode (For WAN Visit)

DDNS: 007033 | kaicong.info

For example: IP Mode(Address:192.168.1.101:81), DDNS Mode(DDNS Name:xxxxx)

Camera Username: admin

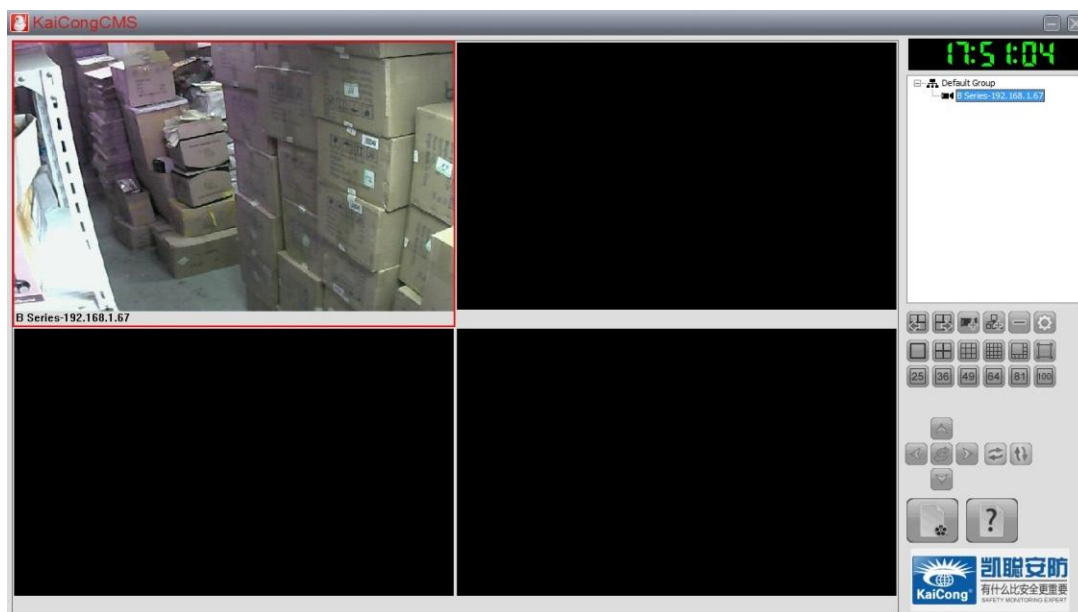
Camera Password:

OK Cancel

KaiCongCMS

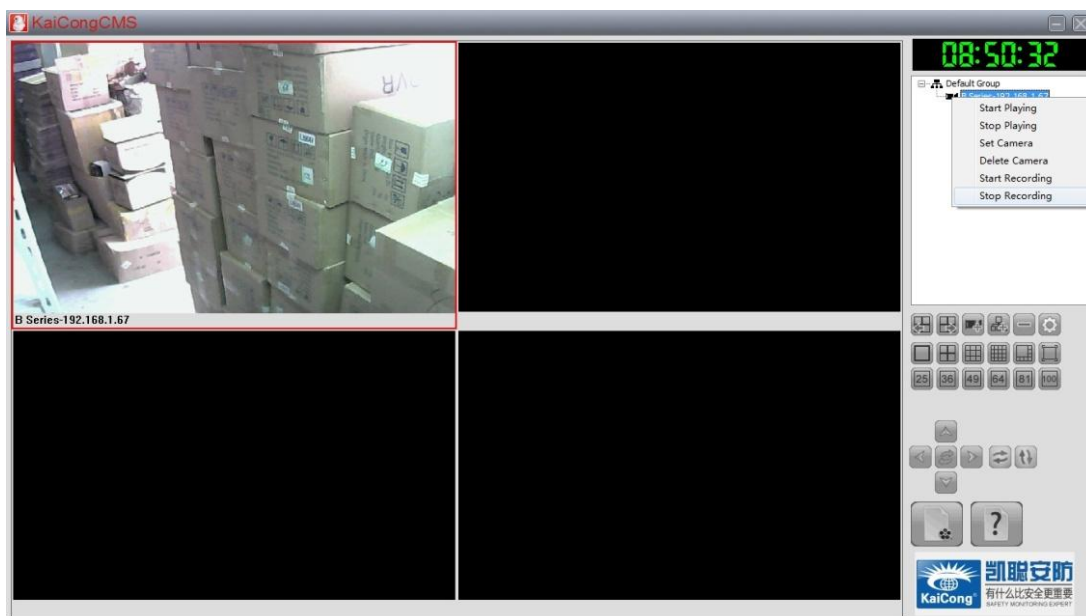
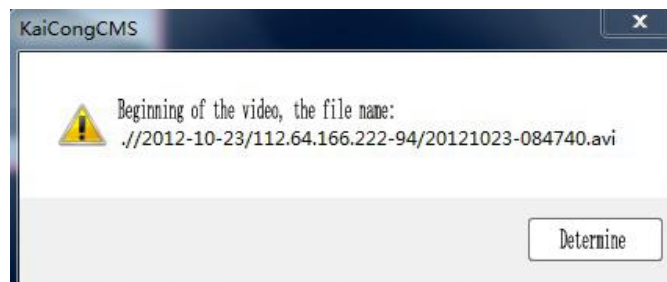
Add Successful ! Camera Info:112.64.166.222:94

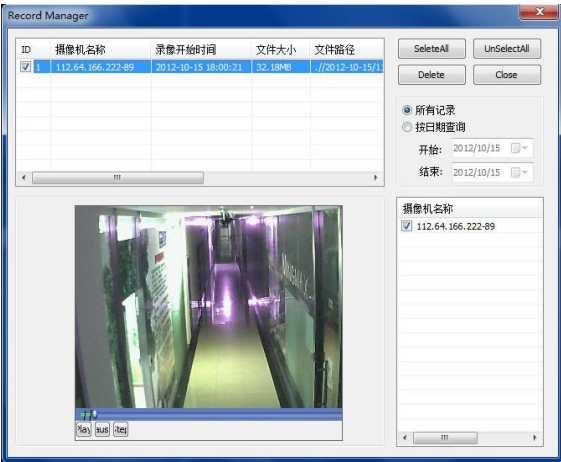
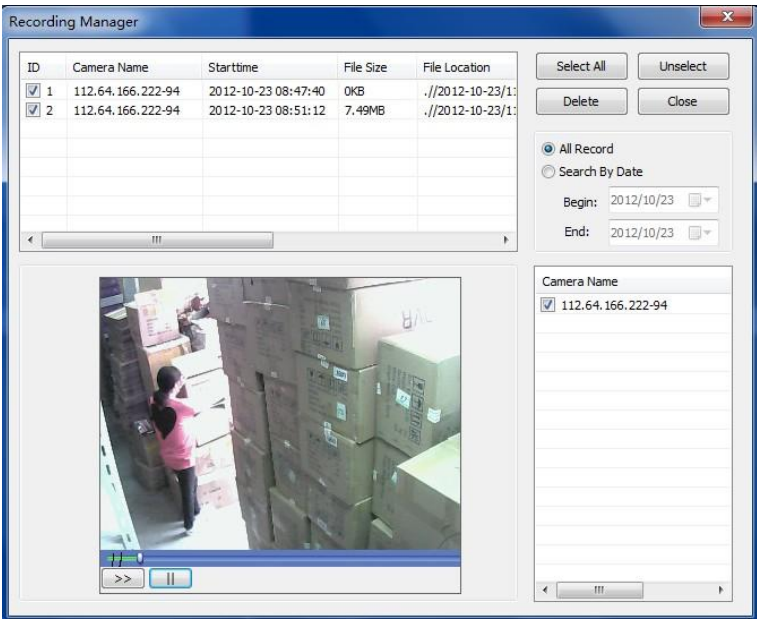
Determine



[Anything else ,please contact me.](#)

Playback and video

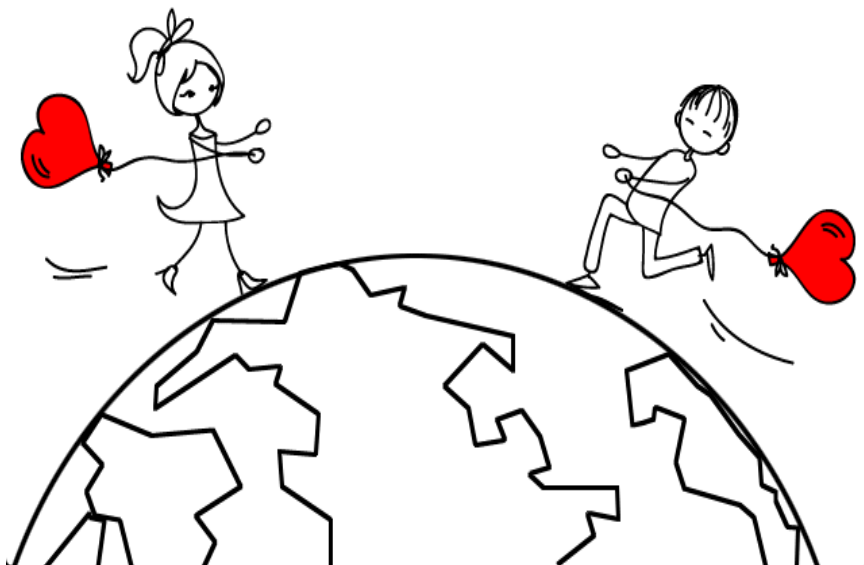




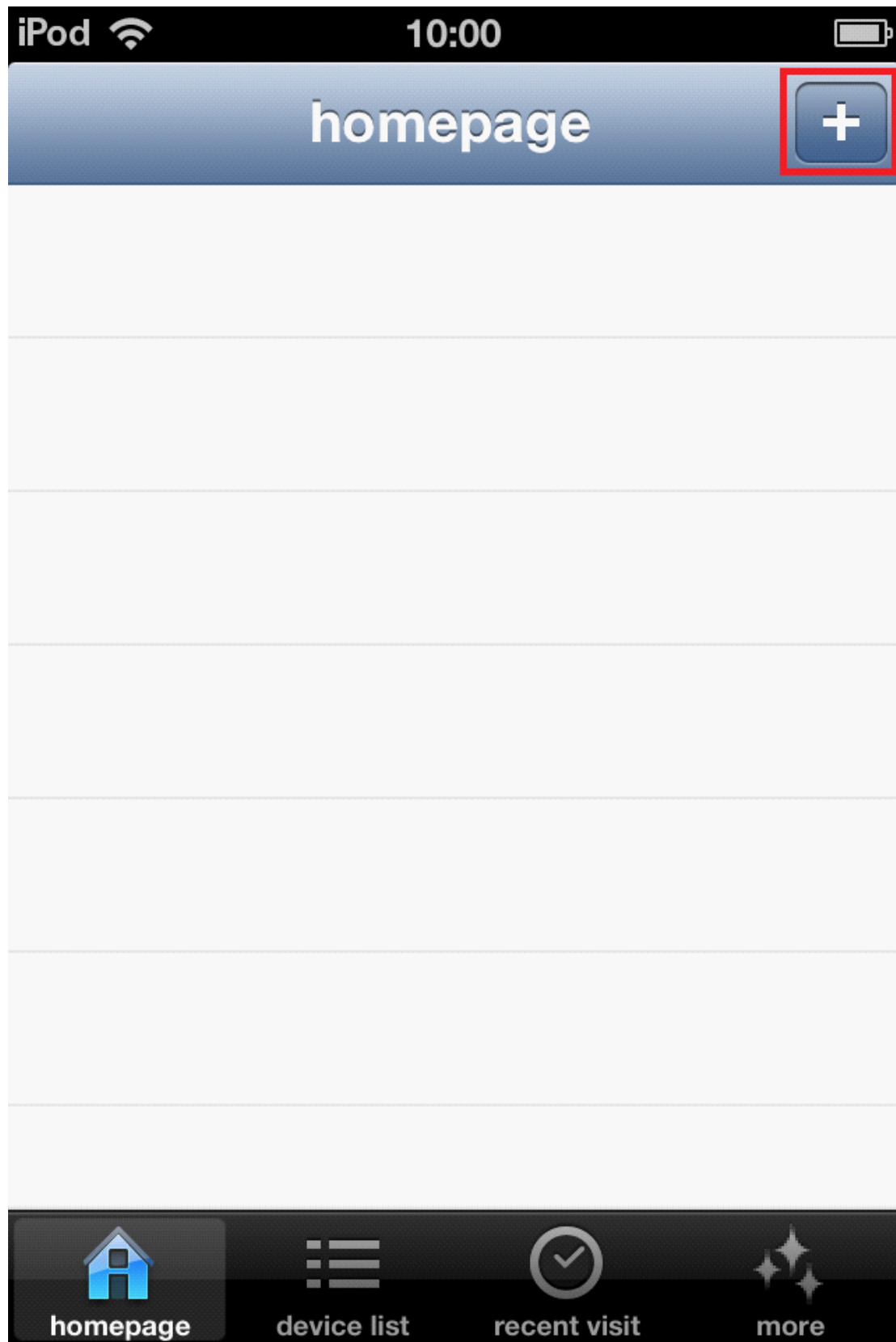
"seeseesee" Manual Instruction

Into the App store, search "seeseesee". Find "seeseesee", click "Install App store."
Being installed.

After the download is complete, double-click the icon of "seeseesee" open.
Start page.



Click the Add



[Anything else ,please contact me.](#)

In the pop-up page, select "OK".



Select the device model.



iPod 10:00

Cancel add device Save

Serial number mode IP mode

please select device model >

basic information

device name: Camera Name

serial number: 123456

user account: username

password: password

position information

longitude: 121.354703



Enter the serial number of the IP camera, a user name and password.

[Anything else ,please contact me.](#)

iPod 13:42

Cancel add device Save

basic information

device name:	Camera Name
IP address:	0.0.0.0
port:	80
user account:	username
password:	password

position information

longitude:	121.354690
latitude:	31.244156

iPod 13:43

Cancel add device Save

device name: test

IP address: 192.168.1.134

port: 80

user account: admin

password: ●●●●●●

1 2 3 4 5 6 7 8 9 0

- / : ; () \$ & @ "

#+= . , ? ! ' < X

ABC space return

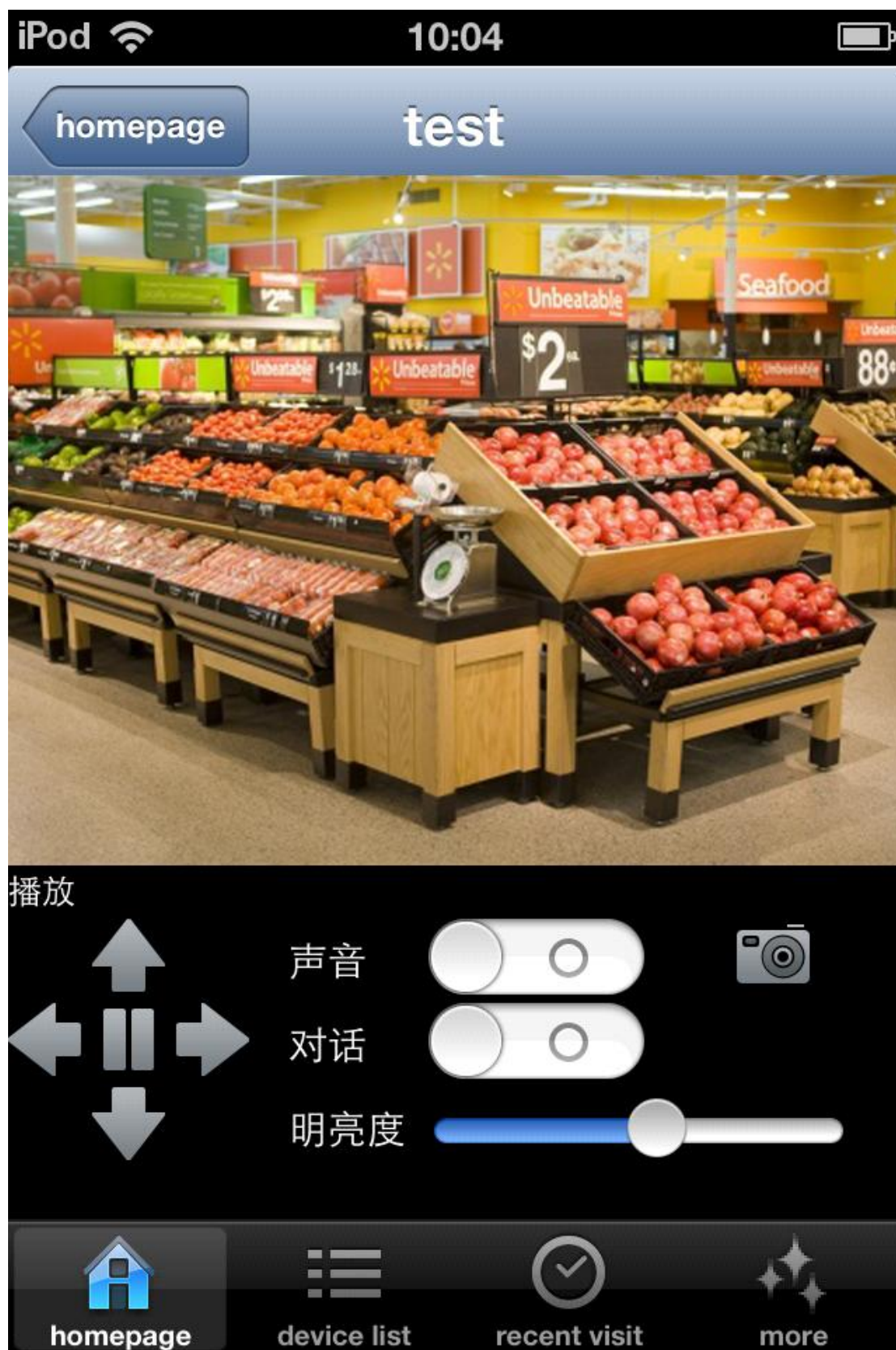
Click on "Save"

[Anything else ,please contact me.](#)

After saving, we added the camera to play.



playback



Click on the arrow keys, you can adjust the direction of the camera lens.