



User Manual

Home Security IP Camera



Note: This manual is only for your reference. Please refer to the final **CamHipro** App user interface in your phone as it will be updated and optimized time to time.

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Welcome

Thank you for purchasing our HD Pan/Tilt/Zoom Security IP Camera! This user manual is designed to be a helpful tool for the installation and operation of your camera.

For access to other support information, please contact us for further details.

Important Security Warnings

In order to keep your camera secure and prevent unauthorized access, please never use the default password for your camera. Always ensure your password is at least 8-10 characters long and contains a combination of lowercase characters, uppercase characters as well as numbers.

1 Features

1.1 Overview

The Camera is designed to meet the demands for outdoor IP surveillance cameras in the DIY Home & Small business security market. This camera is specially designed to offer you a way to view what is going on inside your home, warehouse, shops, office and so on.

Key Features

Video Resolution 1920x1080@30FPS, 1280x960@25FPS

Auto IR-LED illumination with auto IR-Cut Switch

355 degree pan, 90 degree tilt, and 4.3x Optical Zoom

22 IR LEDs IR Night vision range (up to 68 feet/20 meters) , Subject to material object

Wi-Fi compliant with IEEE 802.11b/g/n, 2.4GHz band

Support WEP, WPA-PSK and WPA2-PSK Encryption

Support recording and playback via micro SD Card, up to 64GB/128GB

Be compatible with ONVIF Protocol and Blue Iris Software

Support motion detection alert via email or pushing notification

Support motion detection event recording via micro SD card or FTP

Support schedule recording via local micro SD card

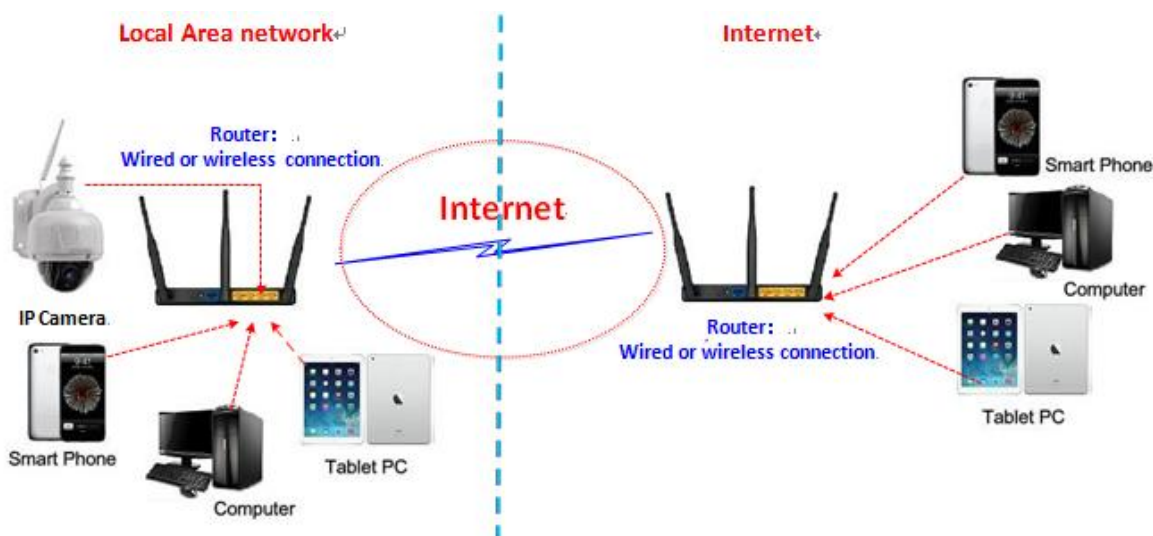
Support IE/Firefox/Chrome/Safari browsers

H.264 high profile video compression format

2 Camera Connection and Installation

To make your experience with the our camera easy and simple, we've provided multiple ways to set up, view, and operate your camera as on your needs. Please set up your camera in the way that works best for you.

2.1 Connection Guide



This camera can be accessed via web browser on computer or “CamHipro” App on smartphone or tablet. Before access, you should connect the camera to your router via Ethernet cable or Wi-Fi after it is powered on.

2.2 Installation Guide

The camera has a standard camera tripod screw hole (1/4-20 UNC thread) for use in mounting the camera onto a stable surface.

Note: Prior to installation ensure that the installation environment can support at least 3 times the weight of the camera.

2.3 Default Username and Password

To login to the system for the first time, use one of the following default username/password combinations. Once you've successfully logged in, it is highly recommended to change the password for security reasons.

Username: admin **Password:** admin

Note: Changing the password for admin account is necessary with prompt during initial setup.

The password is case sensitive.

If you forget the username/password, or fail to login the camera with any usernames/passwords you know, please hold on the hard reset button of the device for 5-8 seconds to reset it at status of power on. And then do initial setup.

3 Access the Camera

3.1 Mobile Device Access

This camera can be accessed via the “**CamHipro**” app on iOS and Android smartphone/tablet. It is required to download the “**CamHipro**” App first from the Apple Store or Google Play, and then install it. About how to use the App to setup and access the camera, the details will be given later on section 4.



android



IOS

3.2 Web Browser Access on Computer

This camera can be accessed via the web browser on windows. The complete and all advanced functions of the camera are available to be acquired by accessing via web browser.

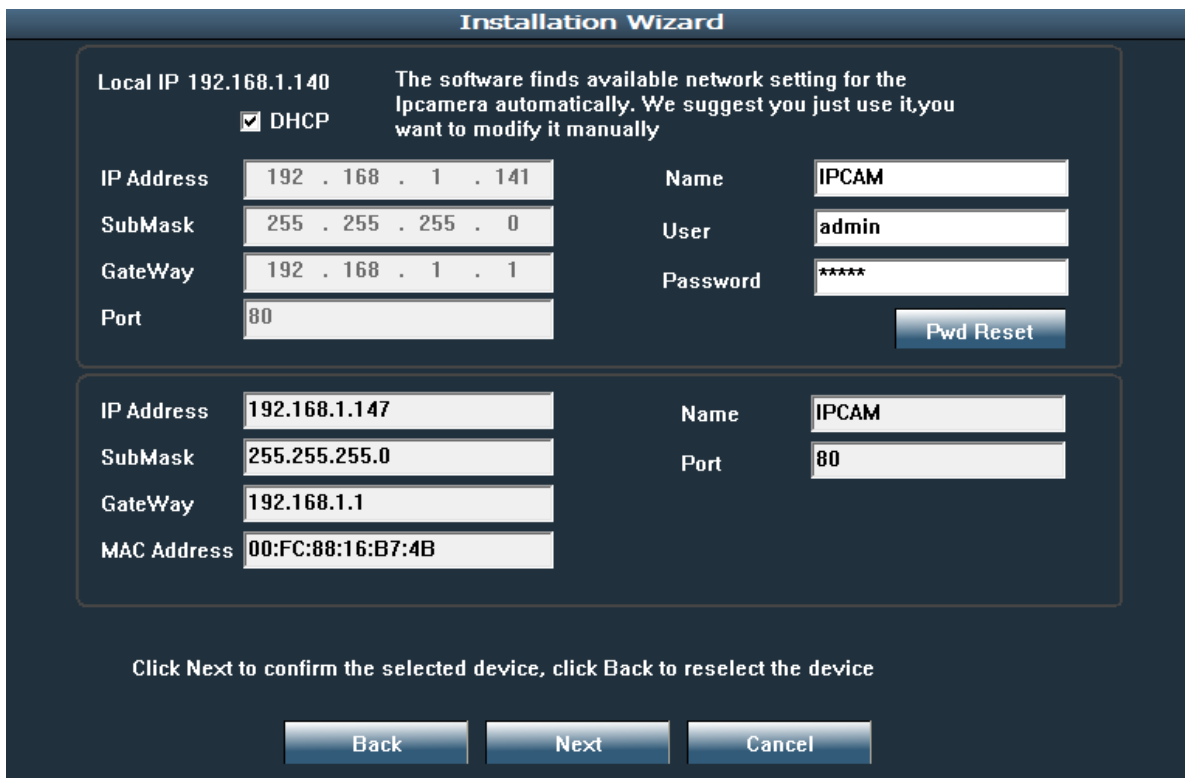
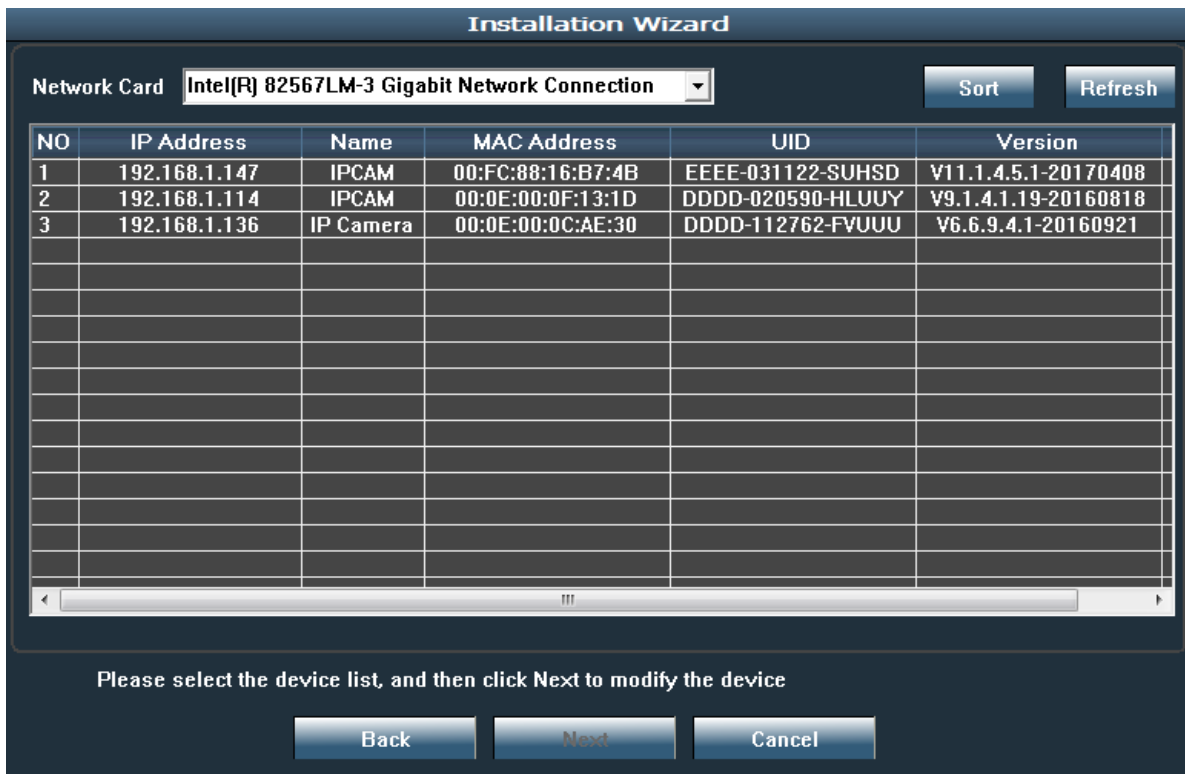
3.2.1 Search Tool for Windows OS

To easily search and access the camera in web browser of Windows OS, please install the “**Search Tool**” for Windows OS from the software CD.

Before running the search tool, please ensure:

- The camera is power on and connected to the router via an Ethernet cable or Wi-Fi.
- The camera and the PC are on the same local network.

Use IE/Chrome/Firefox/Safari on Windows OS.



You can also change some camera's network configurations and camera name through the Search Tool after inputting the correct username and password.

Please remind that the login Username and Password of the camera are not available to change in below blanks of the Search Tool. There is an entry to changing the username and password in web browser after access

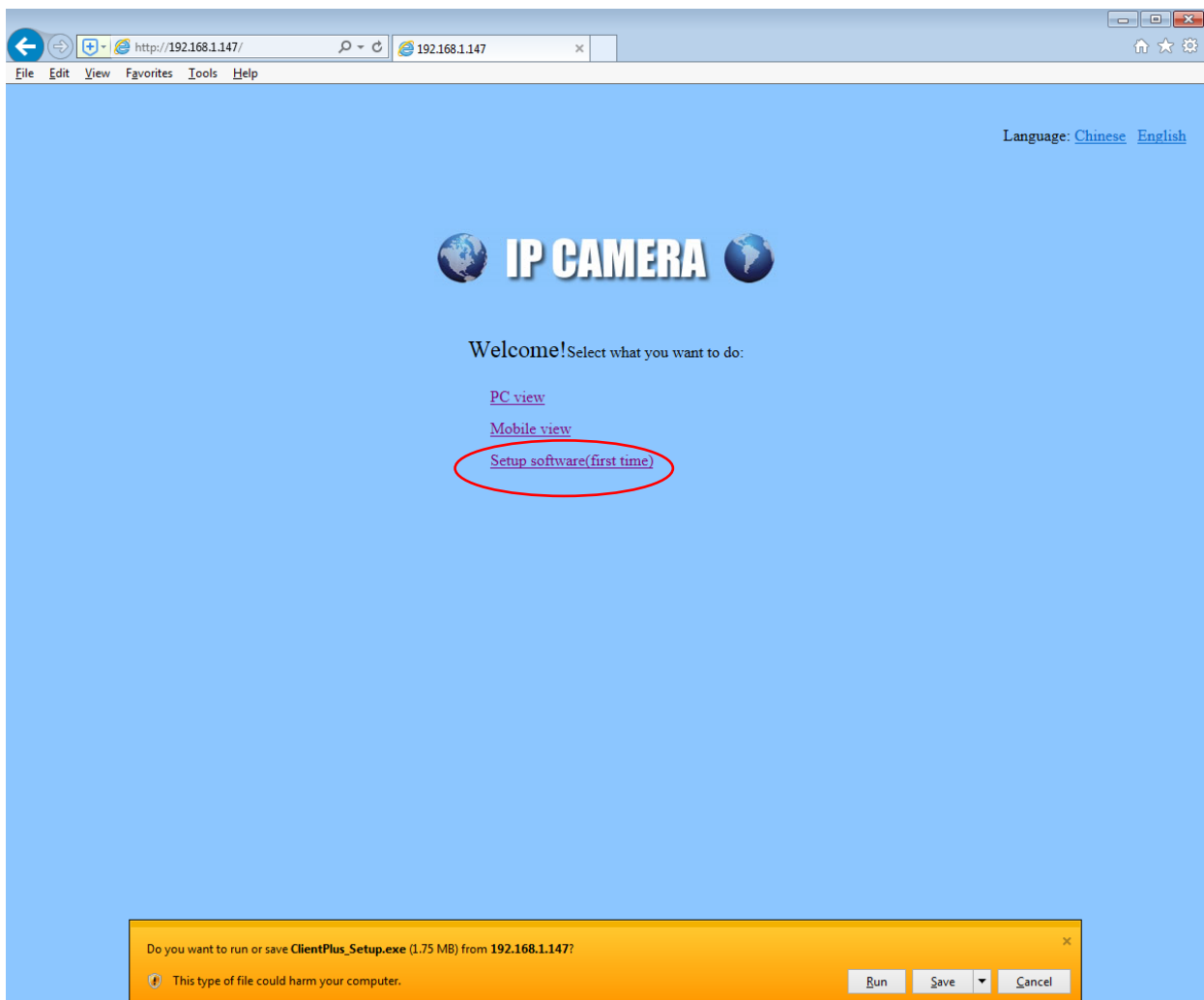
3.2.2 Local Access via Web Browser

Run the search tool and click “Next” to search cameras on the LAN. After the device is found and listed in the search result window, double click on the device item to open a web browser for viewing the camera on computer. If Microsoft Edge pops up as default browser, go to “More”->”Open with Internet Explorer” for normal viewing.

Or you can open the web browser first, put the IP address and port number of the camera in the URL blank of the browser by manual to login your camera.

For example: `http://192.168.1.147:80`.

The IP Address and HTTP port number of the camera are displayed on the list of the Search Tool. Usually the default HTTP port No. is 80.



When opening the camera’s interface, the browser like IE on Windows OS will prompt you to install a plugin. The plugins are necessary to get video from camera.

Click the button “install” to download and install the plugin. If the browser prompts you to allow the plugin to work on the computer, click “Allow” to ensure the plugin can run successfully.

Then the camera is now successfully set up for live viewing, playback and configuration!

IP CAMERA

2017-05-27 16:58:20

Monitor Settings

view: First stream

SD card

Capture

Record

Playback

Zoom in Zoom out

Focus+ Focus-

Left and right Up and down

rate 45

presetting 1

Submit call Remove



connected

Date 2017-05-17

Start Time 00:00:00

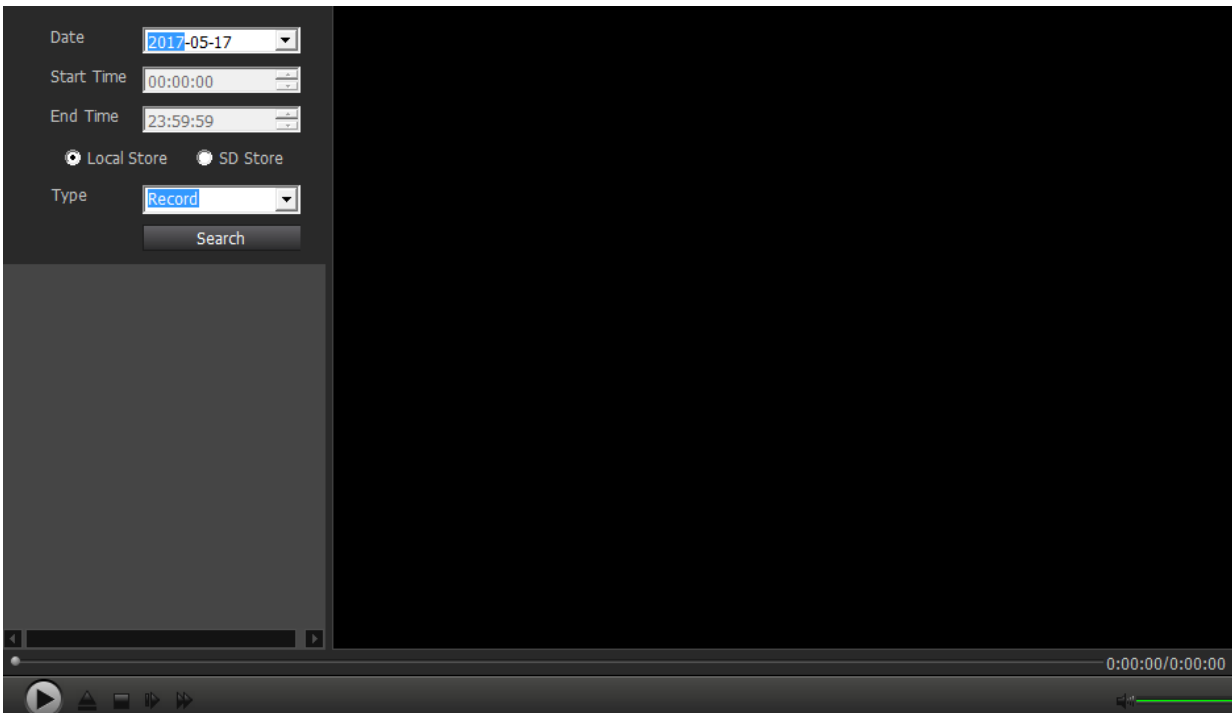
End Time 23:59:59

Local Store SD Store

Type Record

Search

0:00:00/0:00:00





Note: Due to the limitations of NPAPI plugins, the web browser of Chrome/Safari/Firefox does not support the setting features of playback, talk, motion-detection and privacy mask.

3.2.3 Remote Web Access

You can access the camera remotely via web browser using UPnP/DDNS functionality or Port Forwarding.

Before using UPnP/DDNS functionality, ensure your router should support the uPnP networking protocol and the protocol should be enabled. Please refer to your router manufacturer's documentation to learn how to enable UPnP.

And then login the camera via web browser, go to the "Config" ->"Network"->"DDNS" page to enable the UPnP and enter the information of a third-party's DDNS, such as "Dyndns.org", "3322.org", "dynddns.us", or "No-ip.com". Click Apply to save the settings. Then you can access the camera by DDNS remotely.

Port Forwarding is another method to set up remote access. It is required to make settings on both camera and router. Please refer to the corresponding documentation provided by the manufacturer or from the FAQ area of the support center on our website to learn the detail instructions.

3.3 NVR access

The camera can connect to any NVR that supports ONVIF protocol. This allows the camera to view live, playback and record to a network storage device.

3.4 RTSP access

The camera supports standard RTSP, you can access its video and audio directly by RTSP player such as VLC. Please make sure you enabled the RTSP feature in the Camera Setups before viewing the camera in web browser.

RTSP URL

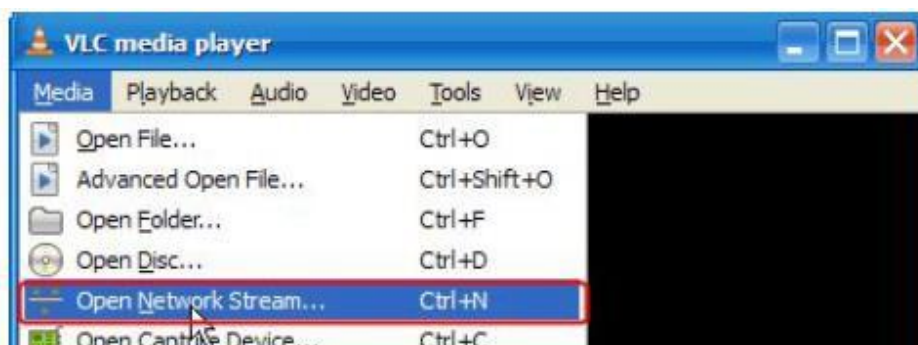
First stream: `rtsp://username:password@IP:port/11`

For example: `rtsp://admin:123456@192.168.1.10:554/11`

Second stream: `rtsp://username:password@IP:port/12`

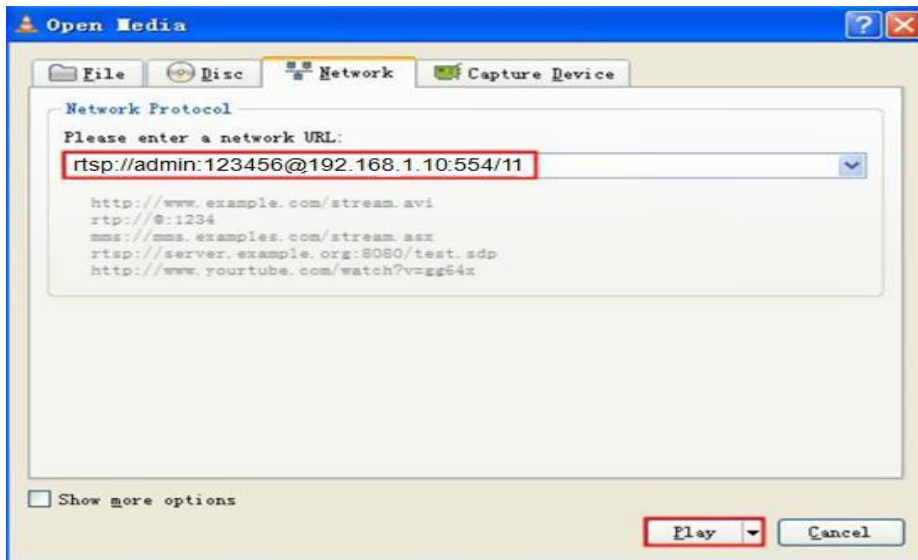
For example: `rtsp://admin:123456@192.168.1.10:554/12`

Follow these steps to access the camera's RTSP stream by VLC player:



Open the VLC player and go to “Media” -> ”Open Network Stream”;

Enter the URL of the camera in VLC and click the play button.



1) You may need to enter the username and password of the camera for RTSP authentication.



2) Then you can view the video via the VLC player now.



Note: you can also view the video remotely by the RTSP stream if you have the set up DDNS or port forwarding

4 App for Mobile Device

To access your camera on a mobile device, please search and download the “CamHipro” App from Apple Store or Google Play, and then install it.



android



IOS

Note:

The interface screenshots in this manual were taken from the App for iOS device. They may differ slightly from the interfaces for Android or different versions.

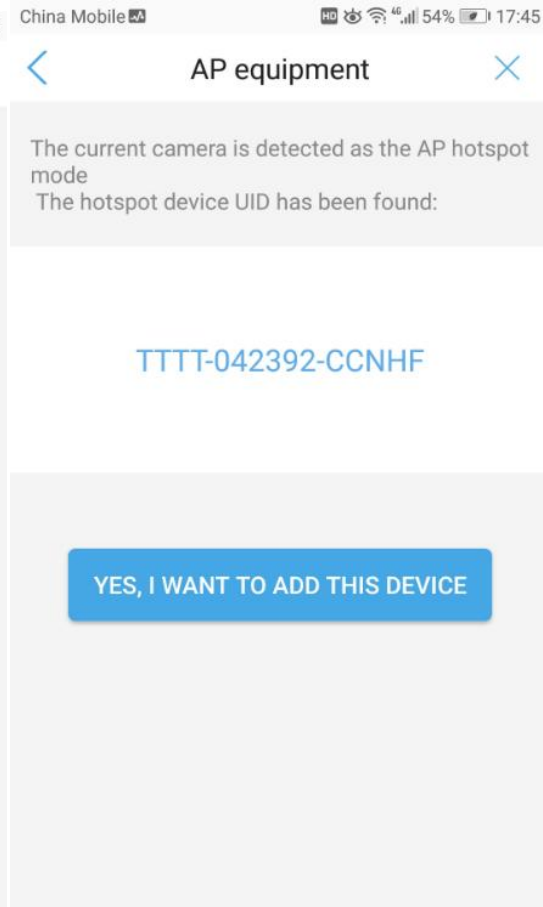
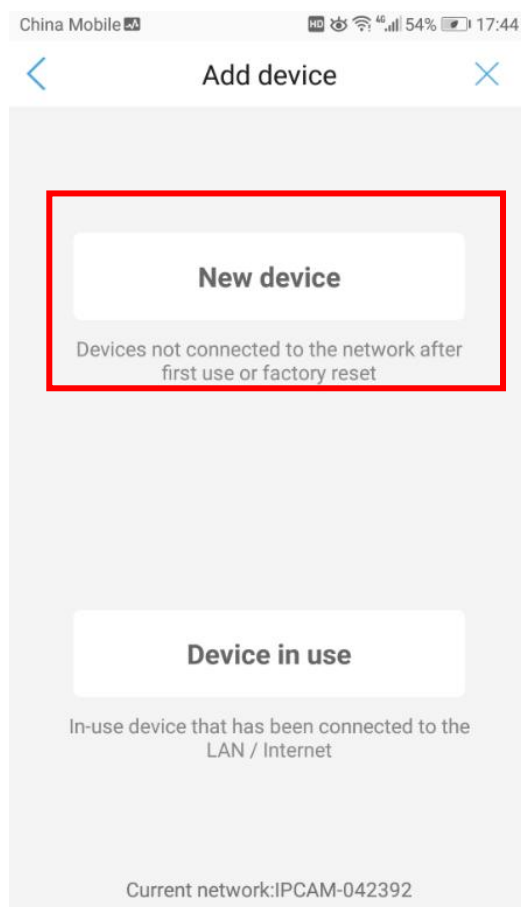
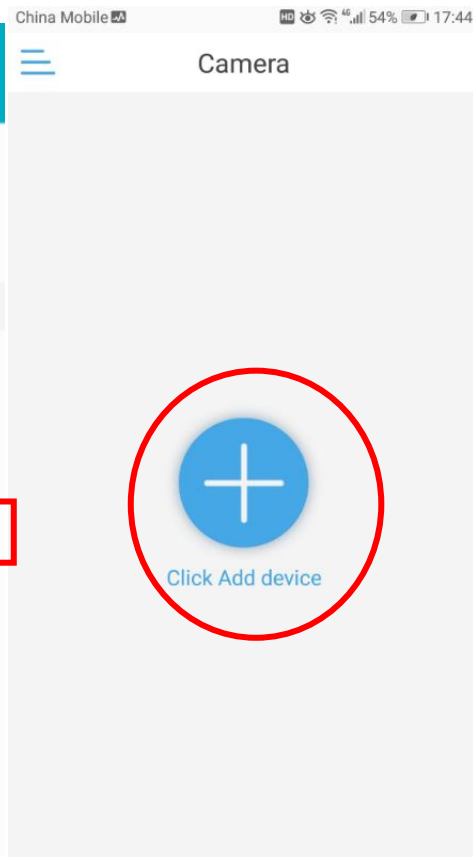
Currently the camera supports 2.4GHz band only. So if you have a dual band router, please disable 5GHz band and only enable 2.4G for Wi-Fi connection.

The username and password are case sensitive.

4.1 Add Camera

One key to configure WiFi

After power up the camera(**without connect the network cable**), the camera will have a WiFi Hot Spot which name is **“IPCXXXXX”**, and the password is **“01234567”**, connect your phone to this WiFi,click add camera--→Search Camera From LAN, it will find the camera, select the camera, it will add the camera automatically..



Device Information

Fill in your device information

UID: TTTT-042392-CCNHF

username: admin

password: admin

ADD TO

Wireless configuration

Current device UID: TTTTT-042392-CCNHF

Please choose the WiFi network you use frequently, configure it to the device, so that you can use the camera better every day.

Wireless name:

WiFi password:

[What are the requirements for wireless devices?](#)

Configure wireless and add

Not configured yet, add directly

Select your wireless Router SSID and key in the password



- ### Select wireless
- 2G
Signal strength:100% WPA_TKIP
 - Test
Signal strength:100% WPA_AES
 - szrfjdz
Signal strength:86% WPA_TKIP
 - ChinaNet-w96m
Signal strength:78% WPA_TKIP
 - 5G
Signal strength:66% WPA_AES
 - ChinaNet-5wFK
Signal strength:58% WPA_TKIP
 - ZHTEL_GUEST
Signal strength:46% NONE
 - ChinaNet-kxCP
Signal strength:46% WPA_TKIP
 - ZHTEL
Signal strength:46% WPA2_AES

Wireless configuration

Current device UID: TTTTT-042392-CCNHF

Please choose the WiFi network you use frequently, configure it to the device, so that you can use the camera better every day.

Wireless name:

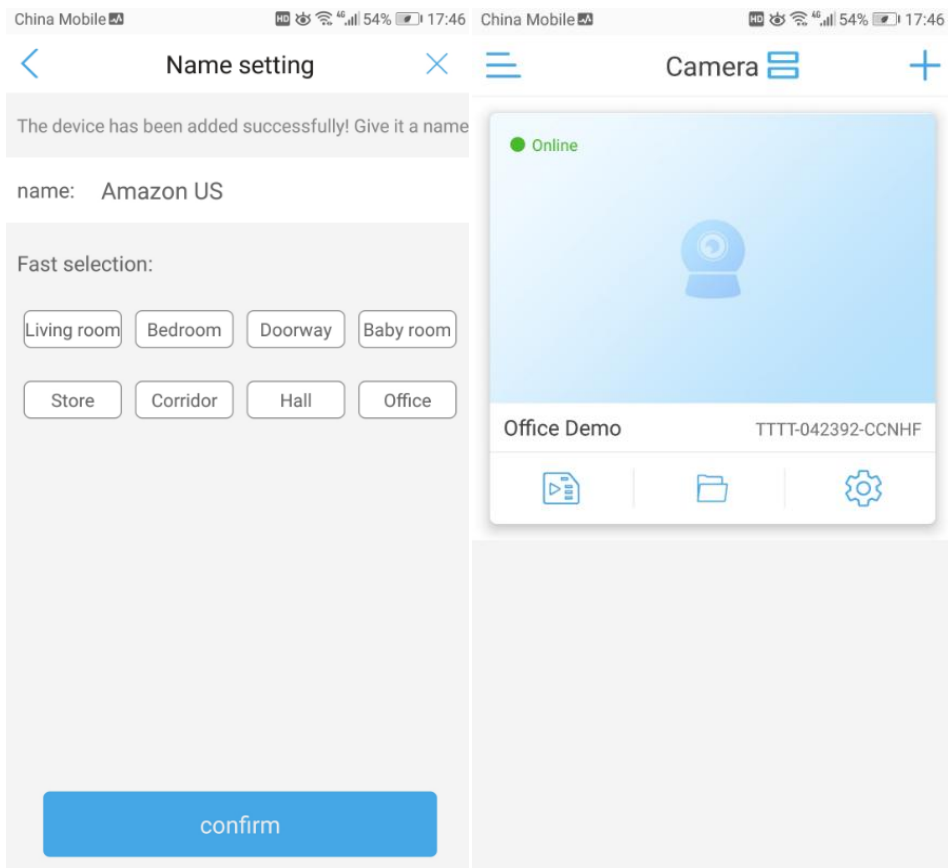
WiFi password: 12345678...

[What are the requirements for wireless devices?](#)

Configuration...

Configure wireless and add

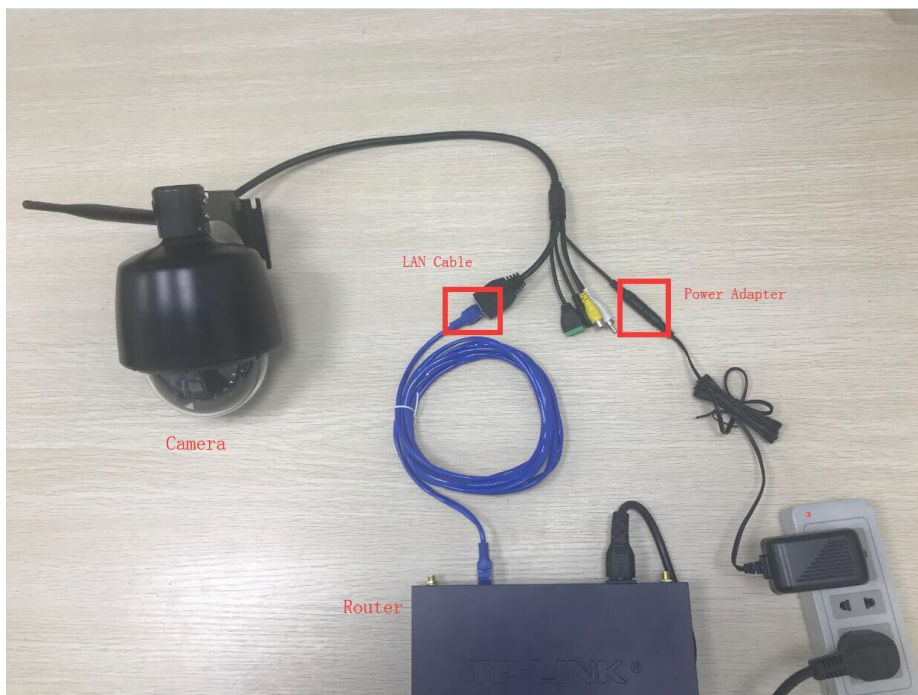
Not configured yet, add directly



Now the camera is online and connecting by wireless.

Add Camera by LAN Search

If you connect the camera by LAN Cable in the first time as below:





Camera



Click Add device



Add device



New device

Devices not connected to the network after first use or factory reset

Device in use

In-use device that has been connected to the LAN / Internet



Add device



Fill in your device information

UID number:

username:

password:

Get UID quickly:



Scan QR code

Scan the device QR code to get the UID n...



Search nearby devices

Find the UID number in the same LAN

Confirm add



Device List

Refresh

Devices in the LAN:

TTTT-042392-CCNHF

192.168.1.149

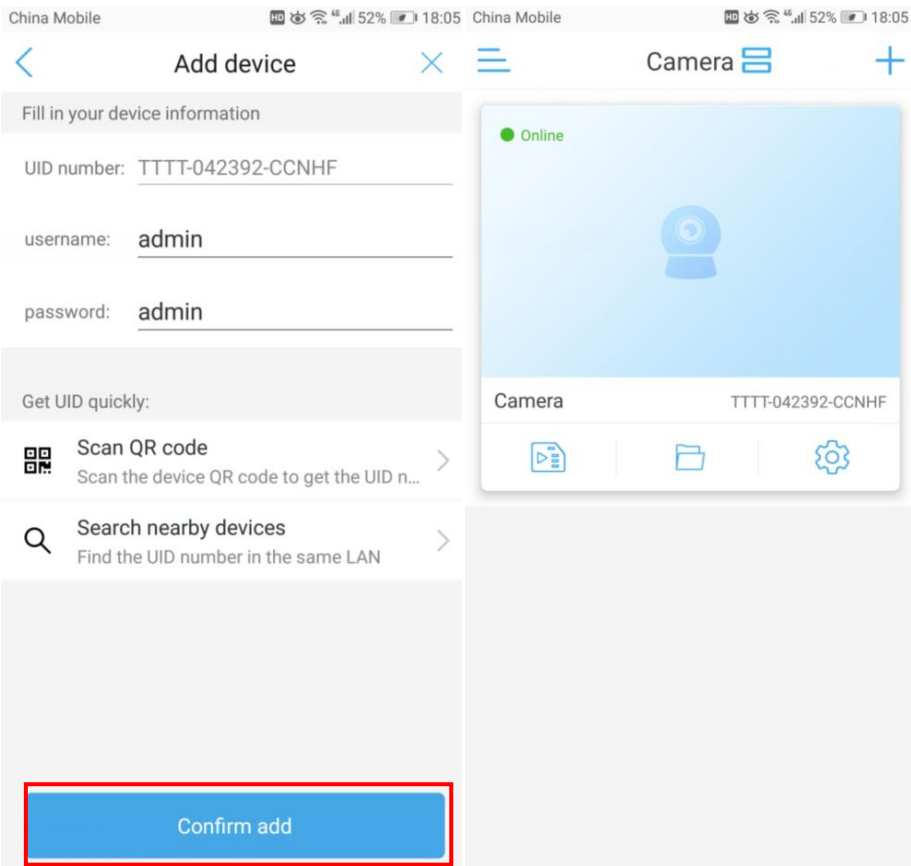
DEAA-052637-TSZSV

192.168.1.120

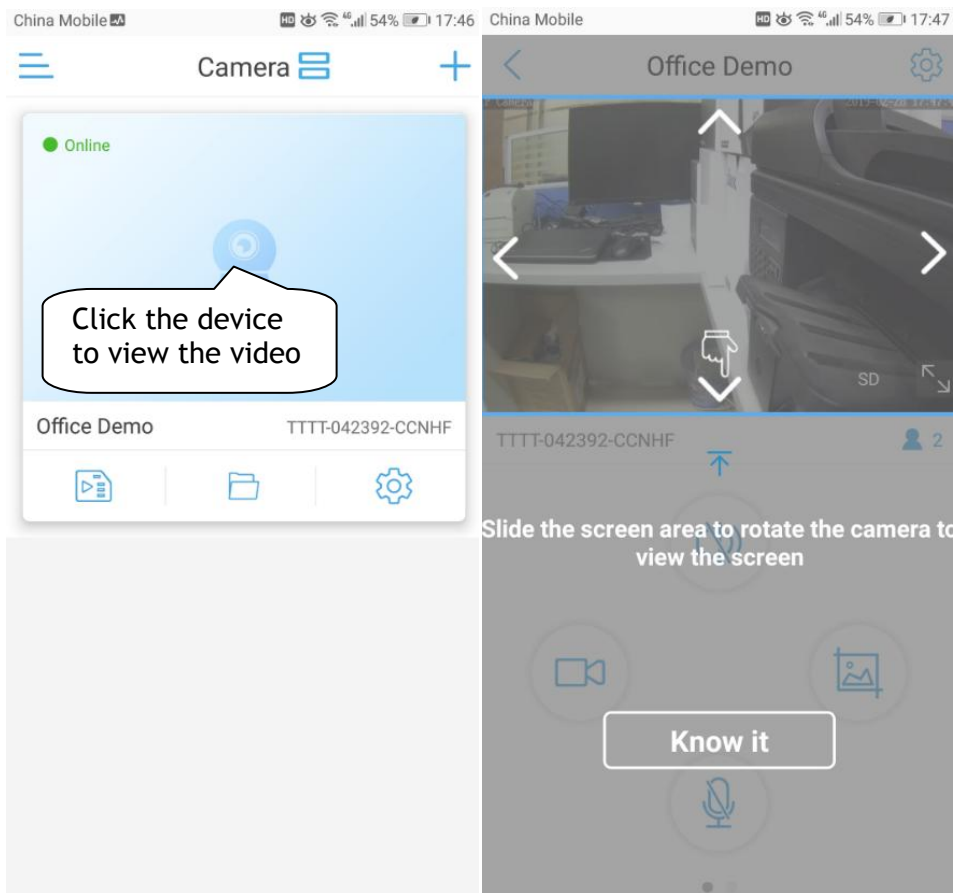
TTTT-598004-YGMET

192.168.1.157

[Didn't find the device to add?](#)



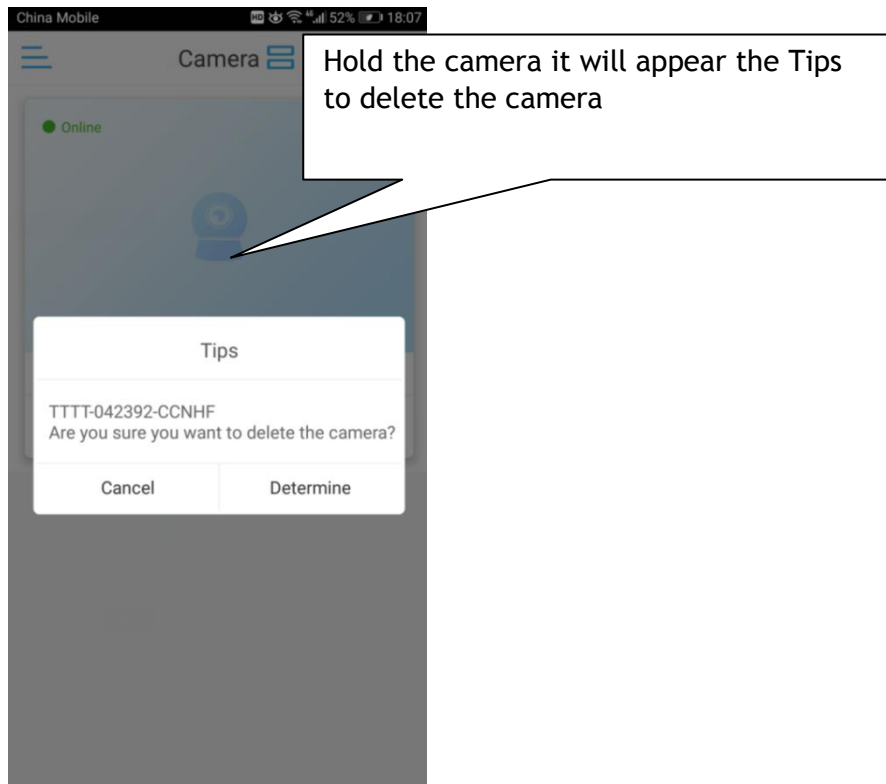
View the video




4.2 Camera List Page

Run the “CamHipro” App and go to the first page, you can delete or edit login information of the cameras on the list.

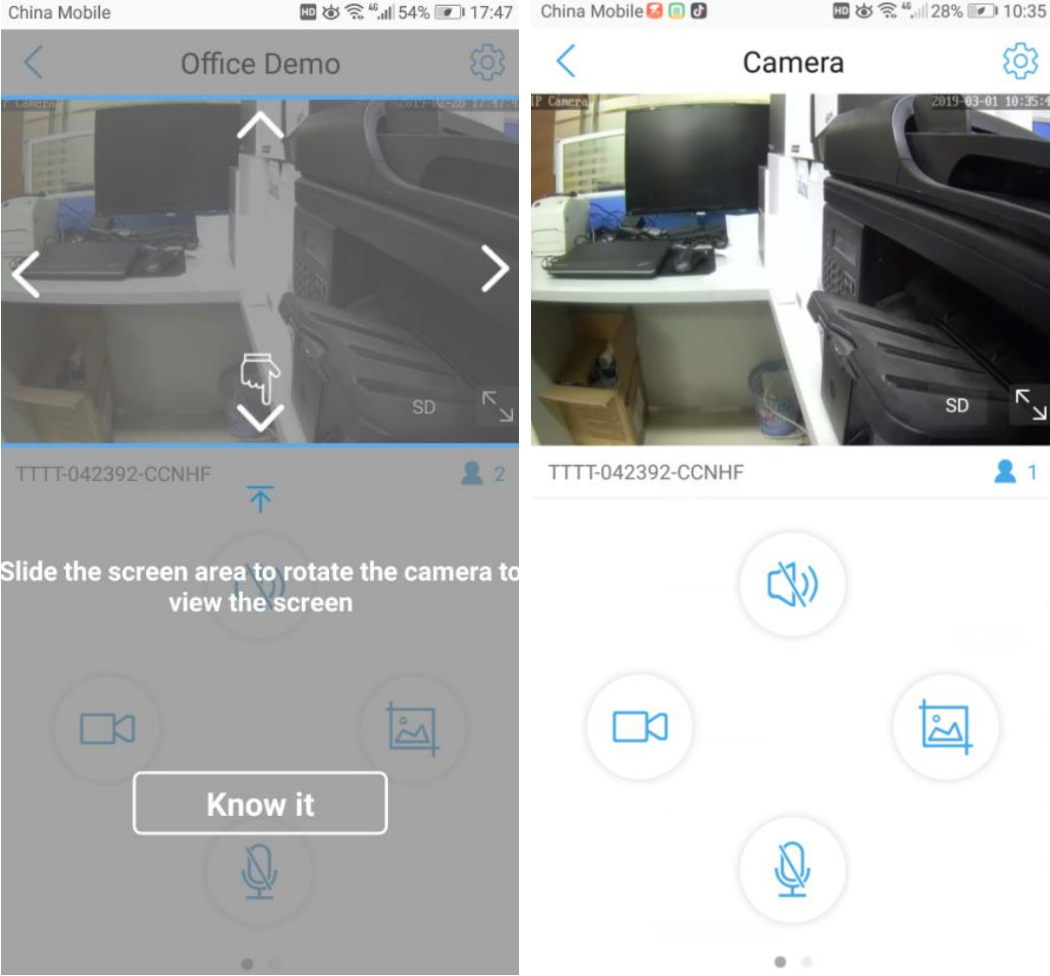
Delete Camera


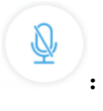
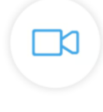



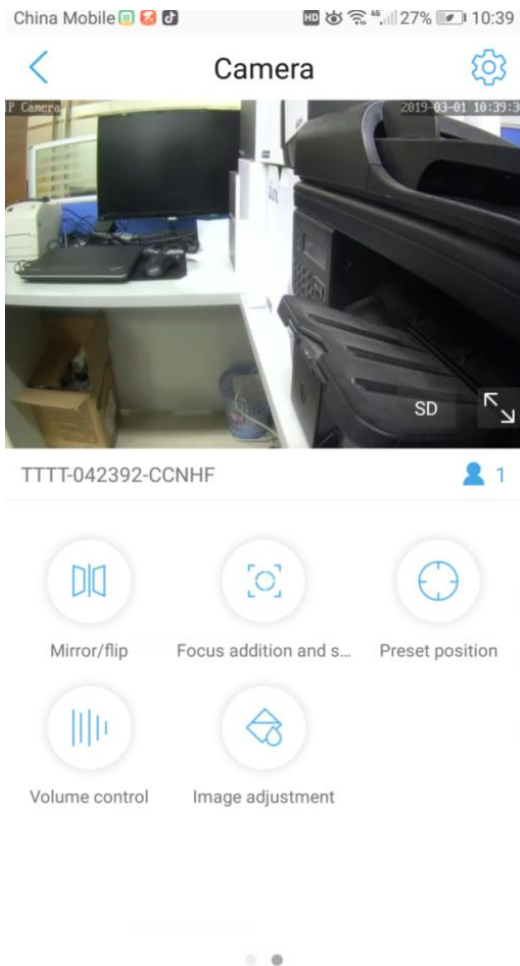
1. Click the icon “” on the right of the camera name to go to the setting page. And then you can edit the camera’s settings, include **Wireless Setting, Change Password, Alarm management and notification, Video settings, Audio settings, SD card plan recording, SD card settings, Device time setting, Default setting, Device Information.**

4.3 Live View Page

After installation and setup, you can view the video or continue setup as you want, The functions of each icons on the live view interface will be described in this sector.



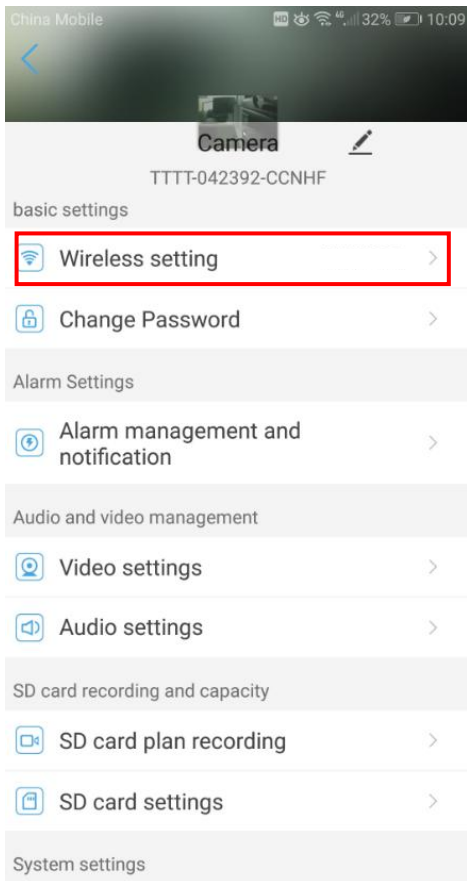
-  : Audio Listening
-  : Audio Talk
-  : Record
-  : Snapshot



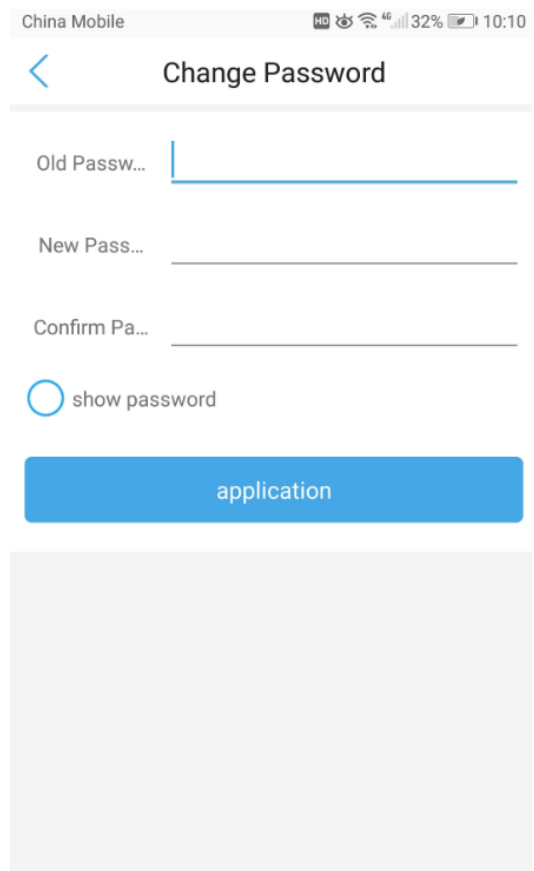
4.4 Camera Setups via App

4.4.1 Wireless Setting

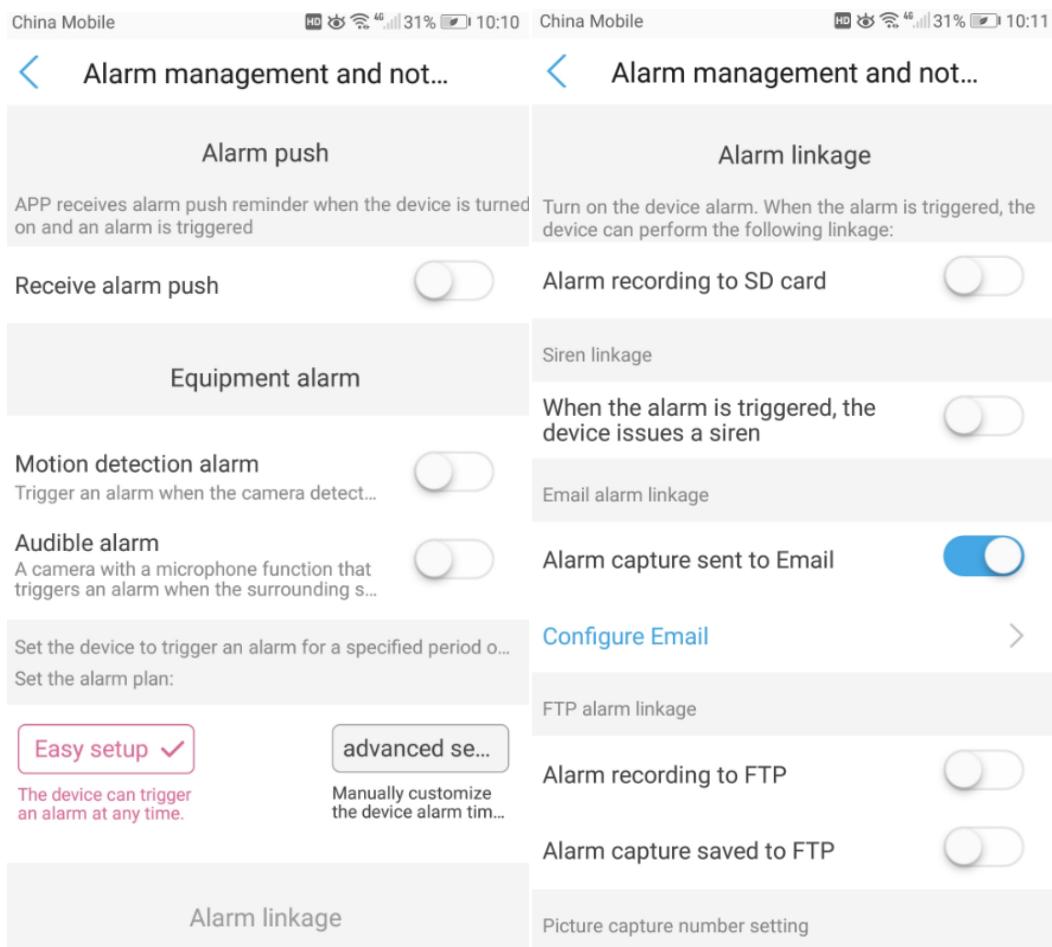
Go to “Camera Setting”--->”Wireless setting” to configure the camera wireless..



4.4.2 Change Password



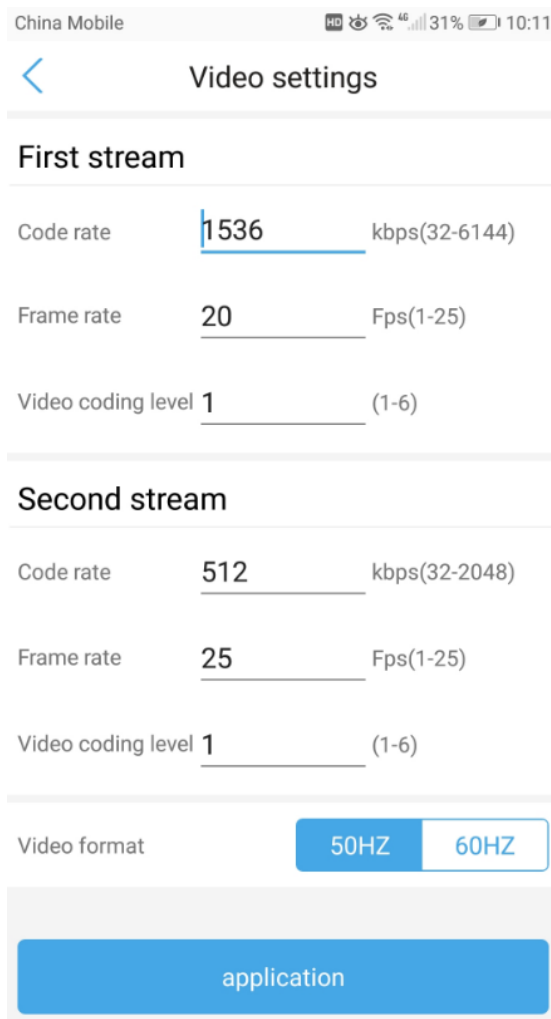
4.4.3 Alarm management and notification



Receive alarm push: If you want to receive the alarm notification on your smart phone, enable this option

Alarm recording to SD card: if you want to save alarm recording on the SD card, enable this option.

4.4.4 Video settings



Go to “ Camera Setting”--->”Timing Record” to enable/disable automatic and constant recording. The video length of each recording can be set up, and you can also set up the date & time schedule of a week for carrying out recording. The scheduled recordings will be saved in the SD card of camera as default.

4.4.5 Audio Setting

Go to “Camera Setting”---> “Audio Setting” to configure the audio parameters. It is only available for the camera models with two-way audio function.

< Audio settings

Input type

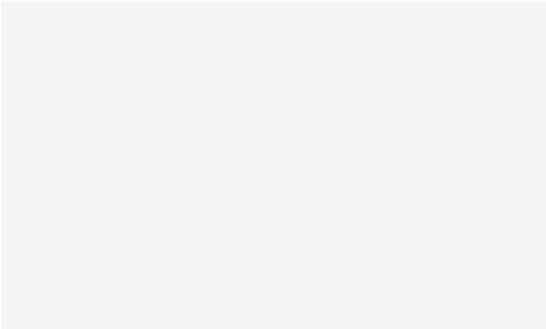
Linear input **Microphone i...**

Input volume

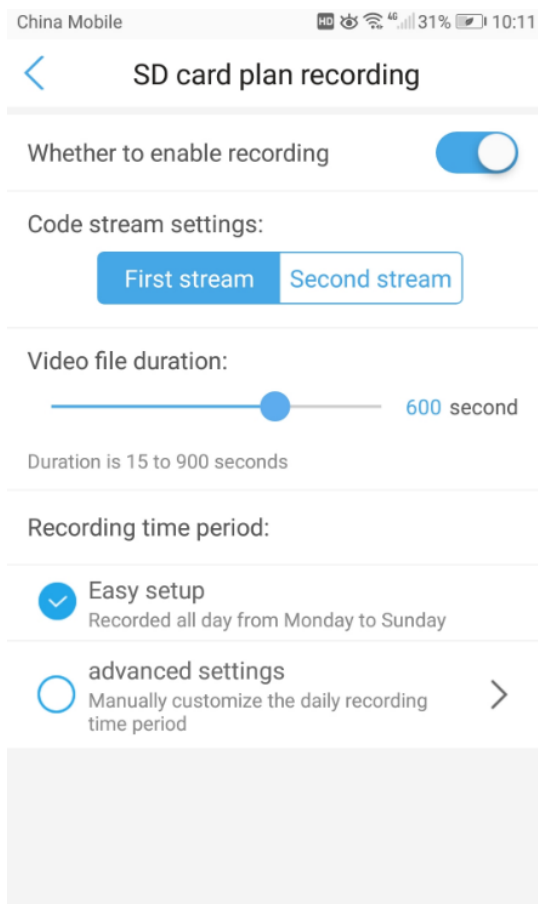
10

Output volume

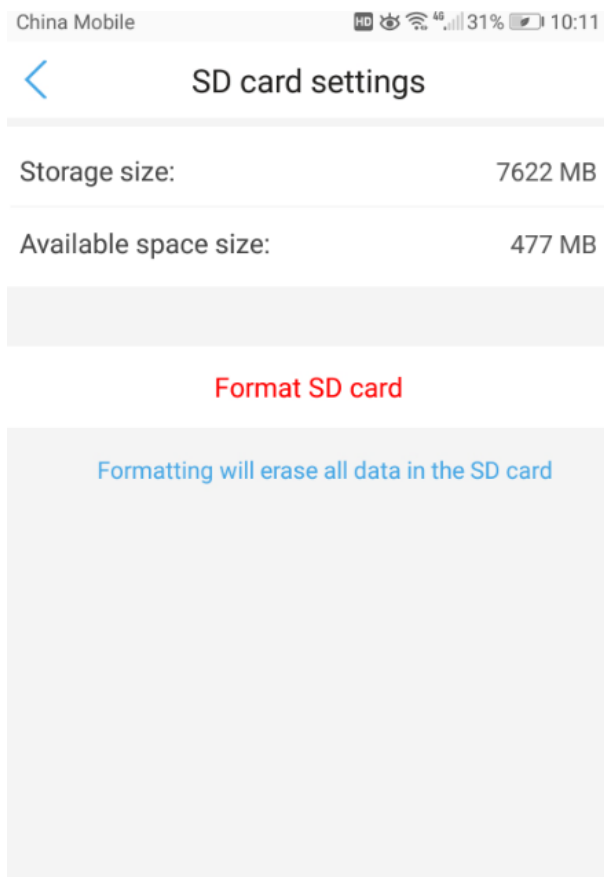
95



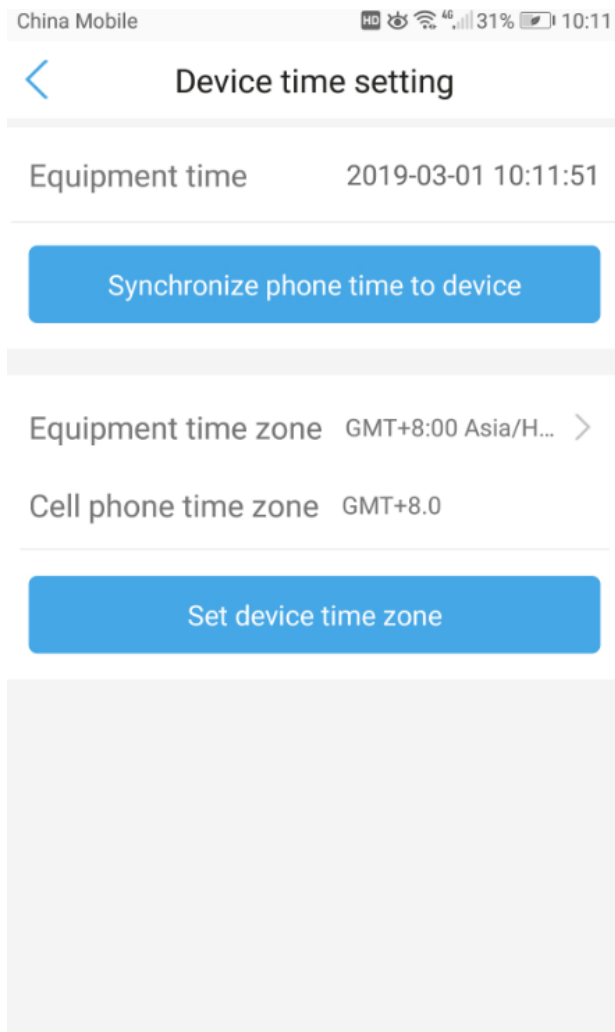
4.4.6 SD card plan recording



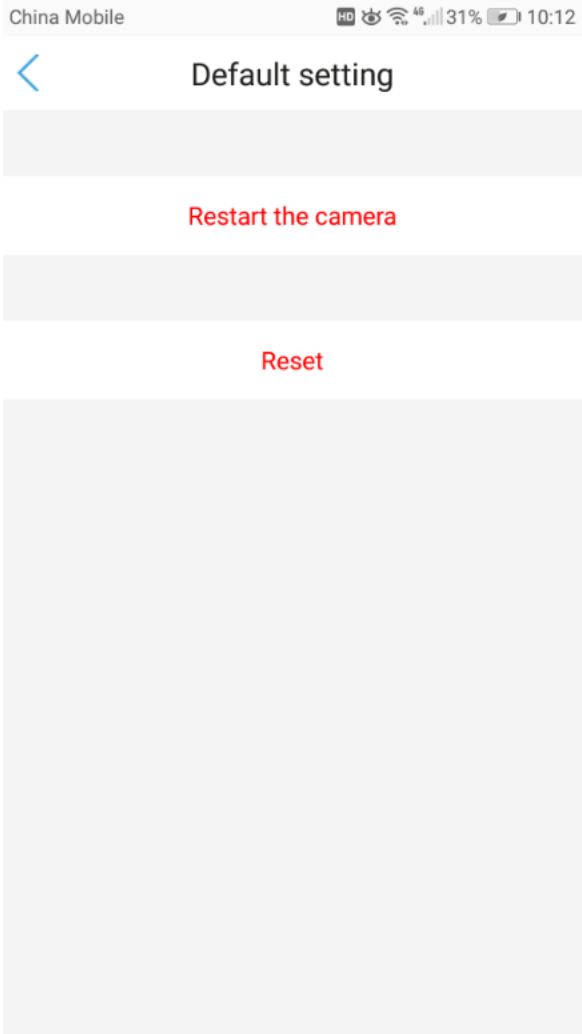
4.4.7 SD card settings



4.4.8 Device time setting



4.4.9 Default Setting



4.4.10 Device Information

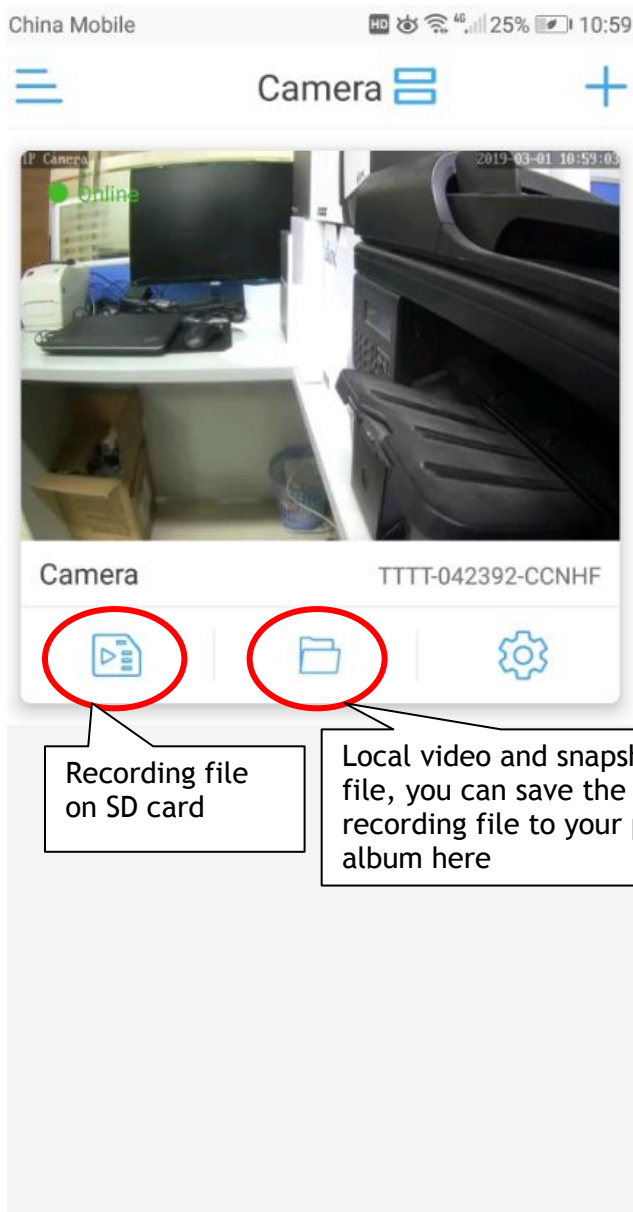
China Mobile HD 4G 31% 10:12

[<](#) **Device Information**

Device name	Office Demo
Equipment type	C6F0SgZ3N0P6L2
Network Type	CABLE
Number of user connections	1
IP address	192.168.1.149
Subnet mask	255.255.255.0
Gateway	192.168.1.1
DNS	192.168.1.1

Software version	V10.1.4.5.1-20180716
------------------	----------------------

4.5 Picture and Video file Management



Recording file
on SD card

Local video and snapshot
file, you can save the
recording file to your phone
album here

Click here to see the local Files



Camera 



Camera

TTTT-042392-CCNHF



China Mobile

25% 10:59

China Mobile

25% 11:00



CamHipro



Local files



More



Local files

Edit



Camera

0.5 M

TTTT-042392-CCNHF

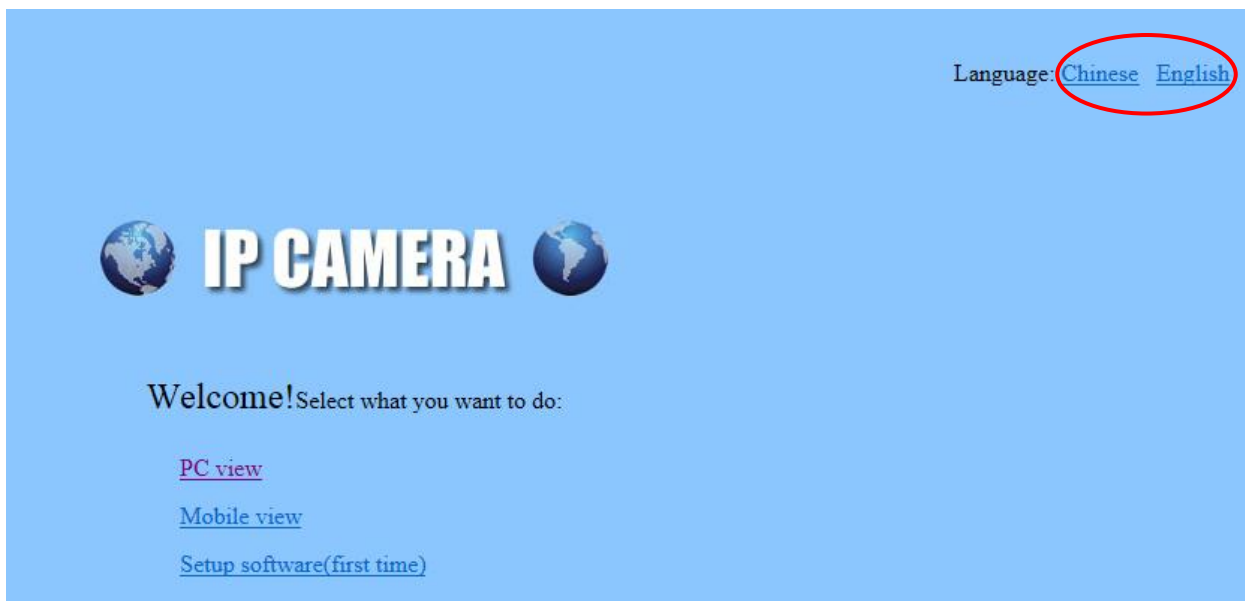
Camera



5 Web Interface for Operation

This section includes more details about CamHipro camera's user interface on web browser, as well as all of the operations the camera can perform, including the Login, LIVE, PLAYBACK and CONFIG pages.

5.1 Login Page



Username and Password: It is the account of your camera; the factory default username/password is **admin/admin**

Language: You can select the language for the WEB UI after Login the camera.

Note: The username and password are case sensitive.

5.2 Live page



5.2.1 Tool bar



- 1) Current status of IP Camera
- 2) Digital zoom out 1x/1.5x/2x/3x
- 3) Digital zoom in 1x/1.5x/2x/3x
- 4) Reset the digital zoom
- 5) Open/Close the audio (not applicable on some models).
- 6) (Only available on IE/Firefox browser on windows OS): Enable/Disable speaker for talk(not applicable on some models)
- 7) (Only available on IE/Firefox browser on windows OS): Set the storage path for the recordings including pictures and videos captured by manual through the web browser. It will pop up a folder browser window for you to select a folder on your

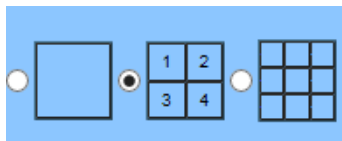
computer.

5.2.2 OSD

---Camera Name: IP Camera

---Camera Date & Time: 2017-05-25 15:49:41

5.2.3 Multi channel viewing

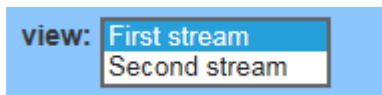


(Only available on IE browser on windows OS)

Select windows (1, 4 or 9) for simultaneously viewing multiple cameras.

Note: As the Chrome and Safari forbid any third-party plugin programs to be installed, so some features are not available and their corresponding icons are invisible on Chrome or Safari.

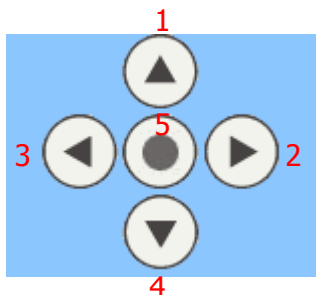
5.2.4 View



First stream: select the main stream for viewing

Second stream: select the sub stream for viewing.

5.2.5 Pan/Tilt control



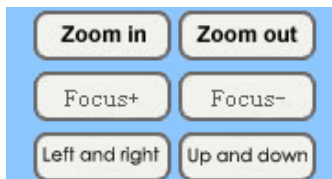
1. Go to up

2. Go to right

3. Go to Left

4. Go to down

5. Back to center

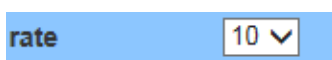


Zoom in & Zoom out: to adjust the focal length

Focus+ & Focus- : to adjust the image sharpness

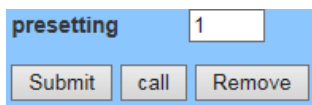
Left and right: Horizontal patrol

Up and down: Vertical patrol



Rate: to control the Pan/Tilt speed, from 1-63, the higher value means faster speed

5.2.6 Preset

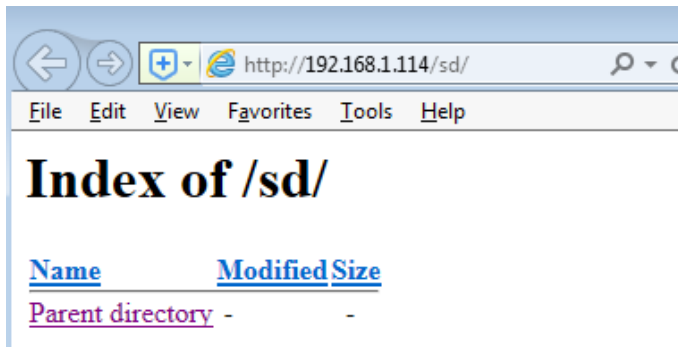


This camera can support maximum 8 preset positions, from 1 to 8. You can click the button “Set” to save a preset position marked as a number from 1-8 if you decide to let the system remember it; click the button “ Call” to make the camera automatically Pan/Tilt to the preset position of the marked number you saved before.

5.3 SD Card



Click to check SD Card status



5.4 Capture



Click to capture the photo(Only available on IE browser on windows OS)

5.5 Record

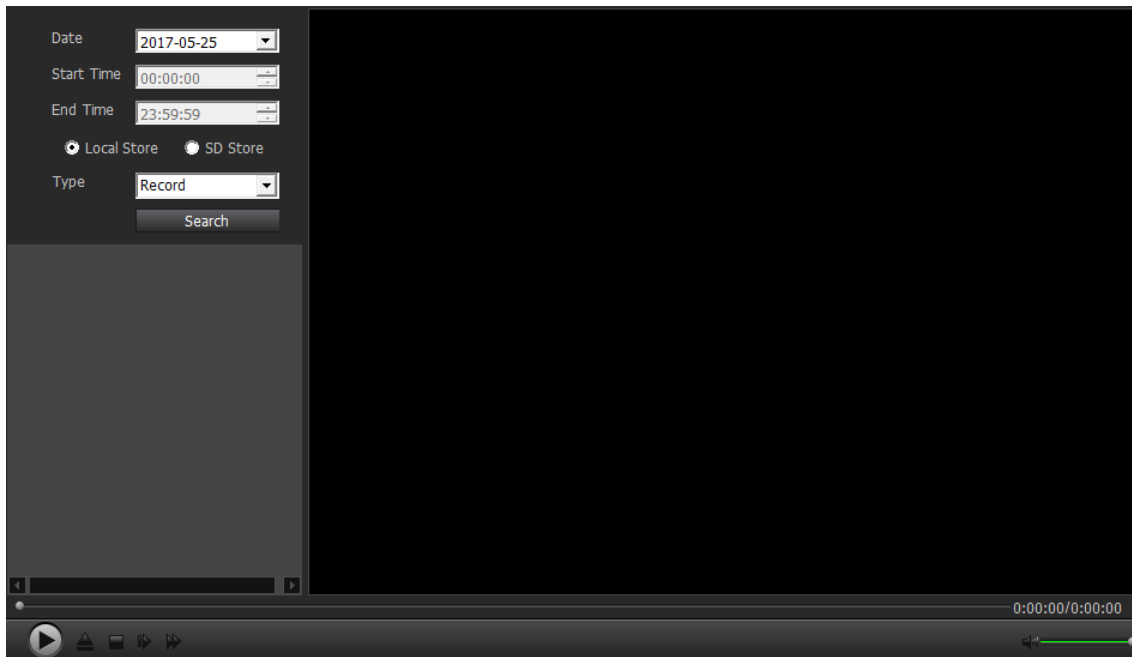


Click to record the video stream and audio stream to set path of local computer. When recording, the status bar in video playback area will show it is recording.(Only available on IE browser on windows OS)

5.6 Playback



Click playback button, it will pop-up a player like below, it can play videos in local hard disk. (Only available for IE browser on windows OS)





On Playback interface, you can review any recordings saved in the local storage (captured pictures and videos by manual), or automatically saved recordings (motion detection recordings and constant time-schedule recordings, pictures and videos are included) from SD Card of the camera.

5.6.1 Playback tool bar


The tool bar on the bottom of playback page is for controlling the playback process.





 : Play or Pause

 :Open a local file from the local storage of your computer

 :Stop

 :Play next frame

 :Play speed up

 :Drag to adjust the audio volume

6 Settings

On any configuration page, click the button “Apply” to save your settings, or click “Cancel” to discard the change.



6.1 Media Settings

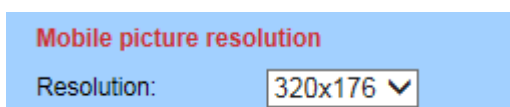
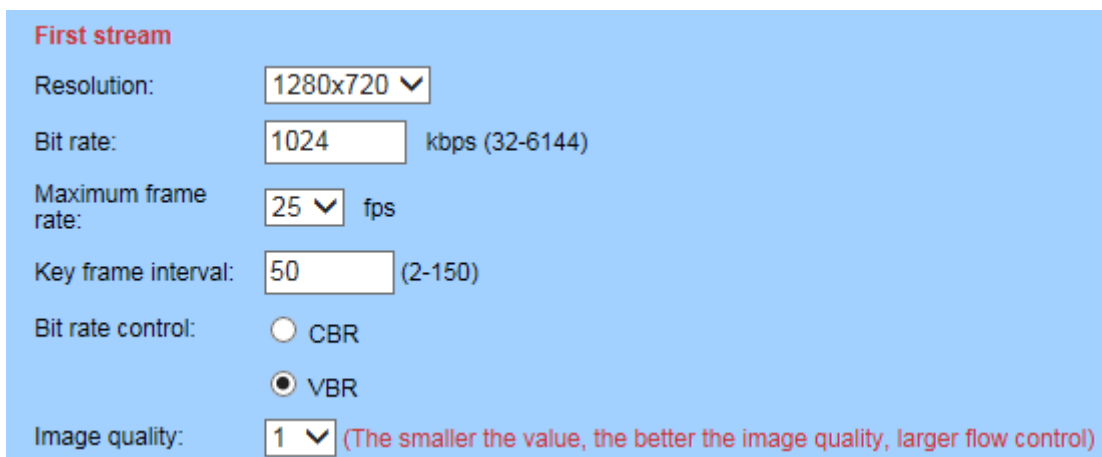
6.1.1 Video

Here you can set the configurations of power frequency. E.g 50Hz for the regions like Europe and China, 60Hz for USA and Canada.

For Video Coding you can select baseline, mainprofile and highprofile.



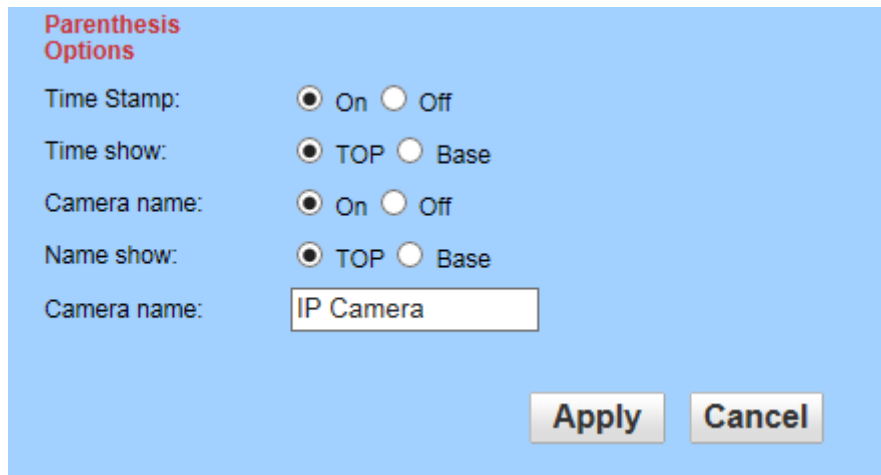
The parameter options below for the first/second stream affect the image/video quality, such as the resolution, bit rate, frame rate, key frame interval, bit rate control and the image quality level.



You can set the Mobile picture resolution in 640 * 352, 320 * 176.

6.1.2 OSD set

You can turn on/off time stamp on the right corner, or change the camera's name displayed on the left top corner of the live video (see below)



Parenthesis Options

Time Stamp: On Off

Time show: TOP Base

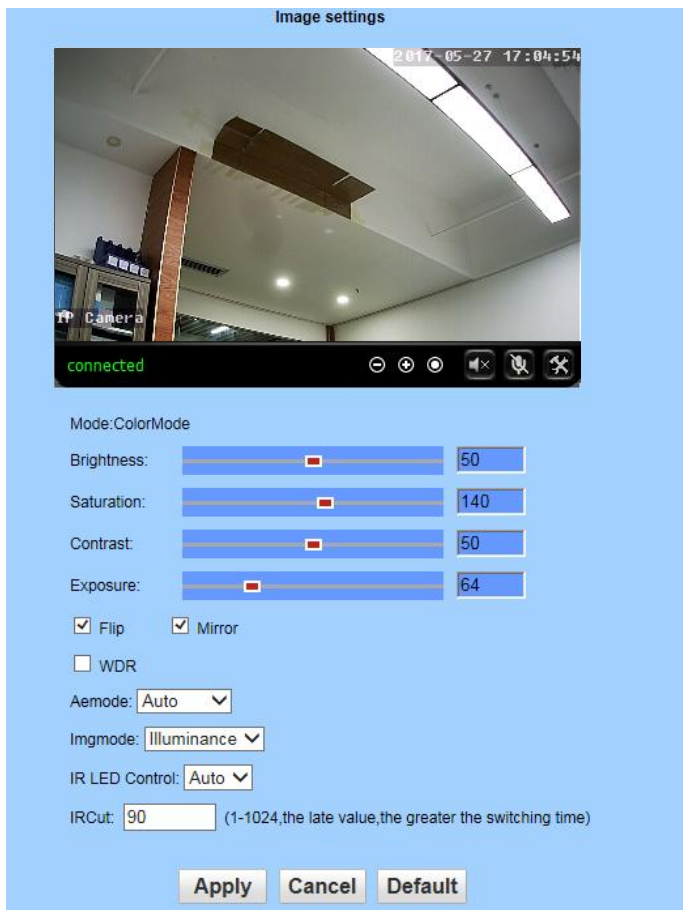
Camera name: On Off

Name show: TOP Base

Camera name:

6.1.3 Image

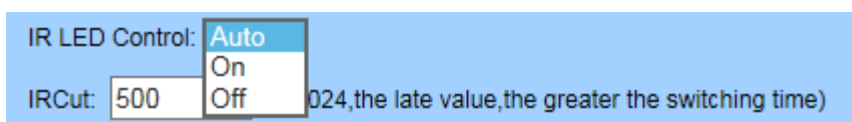
You can set the color parameters of the video image in this setting, such as Brightness, Saturation, Contrast, Exposure.



Aemode: you can select Indoor, Outdoor, default is Auto

Imgmode: you can select Illuminance or Frame rate

Tick/tick off in the boxes of Flip, Mirror, WDR to control display mode of the image.



Here you can control the LED light status:

On: Make the camera work at night vision mode; the video will be in black/white.

Off: Make the camera work at day mode; the video will be always in color.

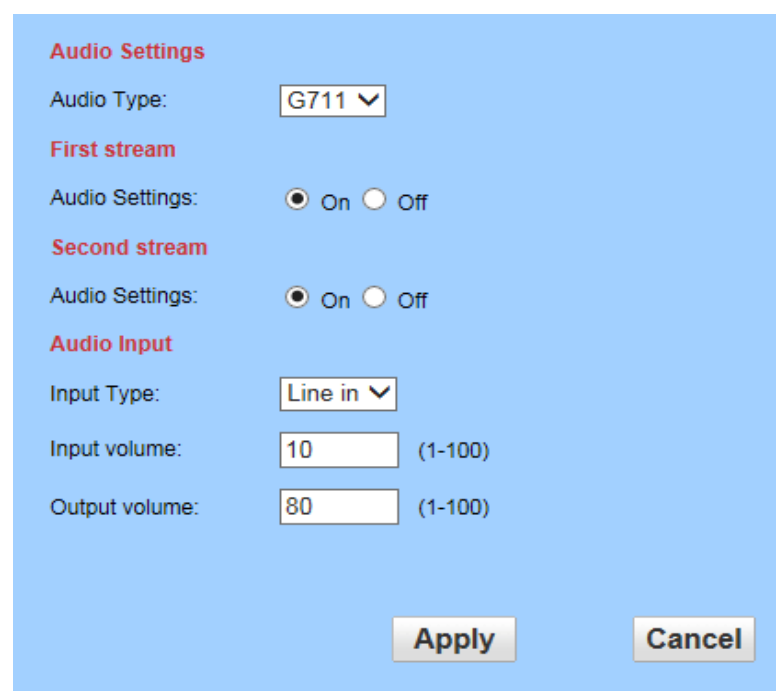
Auto: Make the camera work at automatic mode and the video color will switch automatically according to the change of environment light.

Note: To reset the default settings, please click the button “Default”.

6.1.4 Audio

You can set the configurations about audio on this page, including the turn on/off

The audio for first and second stream, the input volume and the output volume.
Please note that two-way audio function is not available on some models.



The screenshot shows a configuration window titled "Audio Settings" with a light blue background. It contains several sections: "Audio Settings" with a dropdown menu set to "G711"; "First stream" with "Audio Settings" radio buttons for "On" (selected) and "Off"; "Second stream" with "Audio Settings" radio buttons for "On" (selected) and "Off"; "Audio Input" with an "Input Type" dropdown set to "Line in"; "Input volume" set to "10" (range 1-100); and "Output volume" set to "80" (range 1-100). At the bottom right, there are "Apply" and "Cancel" buttons.

6.2 Network

6.2.1 Network

Here you can set up the network configuration like DHCP or Fixed and the port for HTTP/RTSP/RTMP.

Note: Please keep the types of the IP and DNS are the same, both are the DHCP or Static.

LAN Settings

IP Configuration Type: Fixed IP Address

IP address: 192.168.1.114

Subnet mask: 255.255.255.0

Gateway: 192.168.1.1

DNS Configuration Type: Manual DNS

Primary DNS: 192.168.1.1

Secondary DNS: 192.168.1.1

HTTP&RTSP

HTTP Port number: 80 (80 or 1024~49151)

RTSP Port: 554 (554 or 1024~49151)

RTMP Port: 1935

RTSP Permission check: On Off (Note: Modify the settings, reboot the device)

Apply Cancel

6.2.2 Wireless

On this page you can search the WiFi AP available for your camera to connect, then select and apply the one you want to connect from the list. Please ensure to enable Wireless first.

Wireless

Enable Wireless: On Off

SSID: MIFI_51A9 search

Security mode: WPA2-PSK

WPA Algorithm: AES

Key:

Re-type key:

Apply Cancel

Join	100	CAR_DVR08ea4069d64a	AES	WPA2-PSK	Infra	13
Join	99	CAR_DVR-08ea404556a1	AES	WPA2-PSK	Infra	5
Join	89	510	AES	WPA-PSK	Infra	1
Join	83	TP-LINK_2E49	AES	WPA-PSK	Infra	1
Join	78	DV_7cc709f84d6f	AES	WPA2-PSK	Infra	11
Join	73	Yuntianxia	AES	WPA2-PSK	Infra	11
Join	73	ChinaNet-IWG7	TKIP	WPA-PSK	Infra	13
Join	73	803168	AES	WPA-PSK	Infra	10

Note: Our camera works at wired connection with Ethernet cable as factory default, so you should plug out the Ethernet cable to make it work at Wi-Fi connection after passing the wireless setup.

6.2.3 Ddns

Ddns setup is mainly for remotely accessing the camera. You can use the hipcam DDNS or a third-party DDNS like DynDNS.org/3322.org/dynddns.us/No-ip.com and UPnP service with your camera. You can get the Internet IP address of your network which your camera works on by click the “show” button.

Internet IP Address

Main DDNS
 On Off
 Server:
 Port:
 User name:
 Password:

3th DDNS
 On Off
 Provider:
 User name:
 Password:
 Your Domain:

UPnP Port Forwarding
 On Off

6.2.4 Platform

Platform section will be removed in future, it's useless now. This function has been designed to connect some special platform.

Platform

Enable: On Off

Device ID:

Password:

Port:

Server:

Timeout: (1-600sec)

Connection status:

Note:Modify the settings, reboot the device

6.2.5 ONVIF

You can turn on/off ONVIF for connecting the camera with a third-party program like NVR or Blue Iris, the port number can be changed here and you can also select the accessing mode of privilege.

ONVIF

onvif: On Off

Server Port:

Purview: Check type No check

Time zone Settings: Allow Prohibit

Image Settings: Allow Prohibit

NVC Type:

6.2.6 P2P

On this page you can check the UID of your camera for P2P, and enable or disable the P2P feature of the camera as you need. If you turn off P2P service, you will not be able to remotely access the camera using App; neither on computer unless configure the port-forwarding.

Platform

Enable: On Off

UID:

6.3 Alarm

6.3.1 Audio Alarm

Here you can turn on/off the audio alarm of your camera. You can set up the volume range to respond to alarm sensitivity.

Audio alarm: On Off

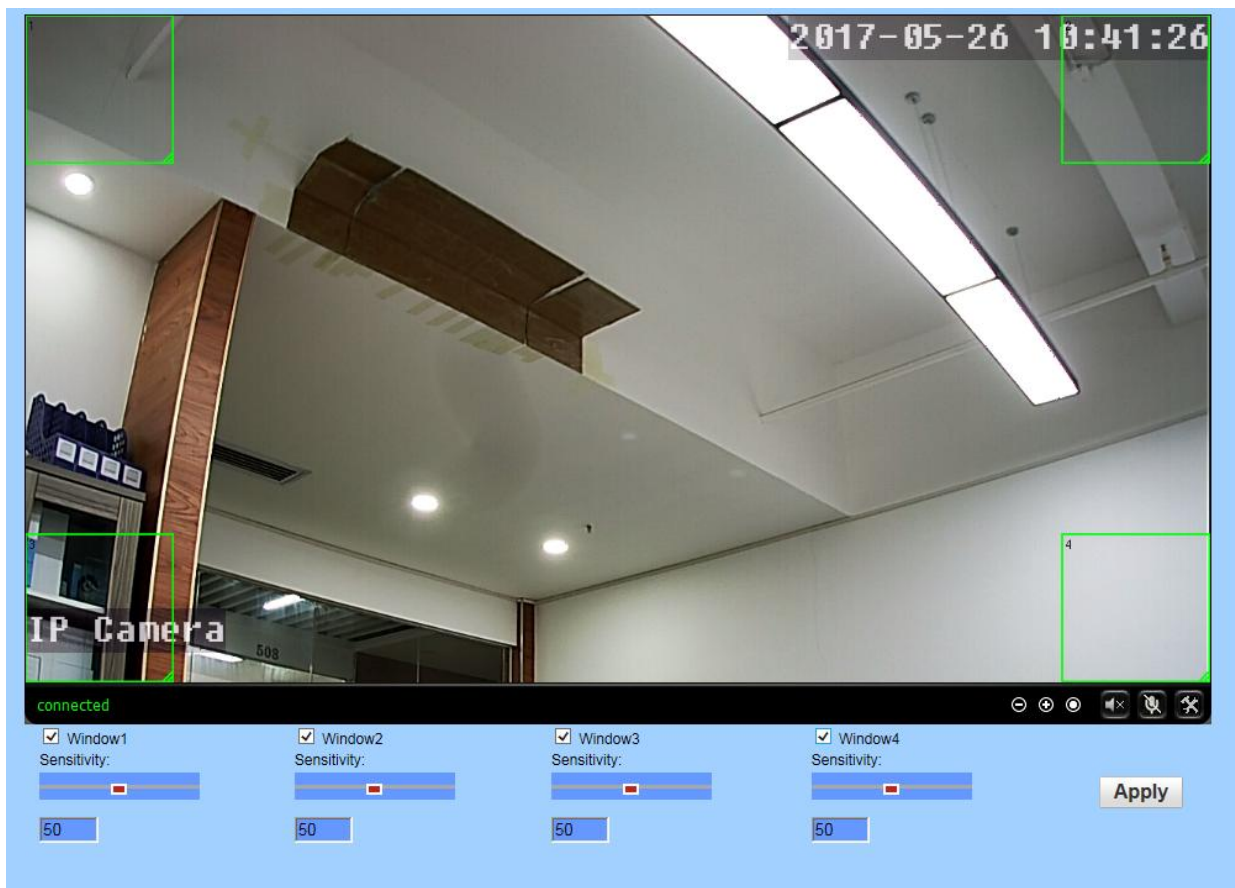
Volume range: (1-100)

6.3.2 Motion detection

(Only available for IE browser on windows OS)

Here you can set up the areas of the motion detection and the sensitivity values of each area.

You can turn on/off the window 1 to window 4 area by tick/tick off the box, and change the size of each area by dragging the edge on the bottom right corner of the green square, or change the position by dragging the selected green square.



6.3.3 Alarm

On this page you can set the alarm Linkage action. Include the E-mail Alarm and Send with Picture, Save Picture/Video on the FTP Server and set up preset positions for motion detection (only for Pan/Tilt camera) once the alarm triggered.

Linkage set

E-mail Alarm and Send with Picture [Email Setting](#)

Save Picture on the FTP Server [FTP Server Setting](#)

Save Video on the FTP Server

Save Picture on the SD Card

Save Video on the SD card

Linkage preset 1 ▾

Image capture

Image capture number: 1 ▾

6.3.4 Schedule

On this page you can set up the schedule for 24/7 motion detection, green area means motion detection enabled while blue means disabled.

Select List: Set 24/7 motion detection.

Clear List: Empty the schedule.

schedule

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sunday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Monday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tuesday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wednesday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Thursday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Friday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Saturday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

6.4 Advance

6.4.1 User

Here you can edit the account information of the camera, such as change the username or password, the default account is **admin/admin**.

Purview admin User name admin Password Password Re-type password Password

Apply Cancel

6.4.2 Auto Snap

Here you can enable saving snapshot to SD card after a certain time period (interval) automatically. And the interval can be user-defined.

SD cardsnap interval: 60 sec

Save Picture on the SD Card

FTPsnap interval: 60 sec

Save Picture on the FTP Server [FTP](#)

Apply Cancel

6.4.3 Timer Record

Timer Record is for constant recording, which you can also set up 24/7 schedule. The video quality and size are decided by the stream type and video/image parameters. You can set up the clip length of each recording file. We recommend setting the length not more than 600s for each file in order to load and playback smoothly. The timer record are titled as “Plan recording” on SD Playback list of App; and “P” on the list of Playback on computer.

Record Setting

Record files duration: sec

Whether to open Record: On Off

Stream: ▾

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sunday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Monday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tuesday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wednesday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Thursday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Friday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Saturday	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

6.4.4 Email

On this page you can configure the parameters for sending alarm by email.

Note: SMTP port is usually set as 25. Some SMTP servers have special port, such as 587 or 465.

Authentication is used for transport layer security, it is usually none. If you use gmail and enable the authentication with TLS or STARTTLS, the SMTP port must be set to 465 or 587, it depends the authentication type you selected.

You can click the “Test” button to check whether your email settings are valid or not.

Email Setting

SMTP server name: Server Port

Safe link: ▾

Authentication: On Off

User name:

Password:

Send To:

Sender:

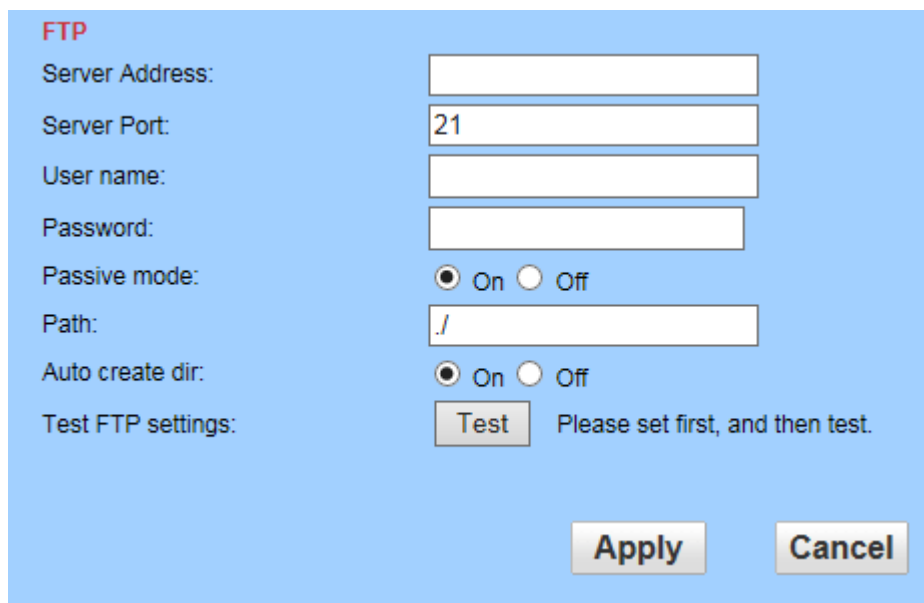
Subject:

Message: (the max length is 127)

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

6.4.5 FTP

Setting FTP server to save recordings on computer is available. You can click the “Test” button to check whether your settings are correct and can be passed.



The screenshot shows a configuration window titled "FTP" with a light blue background. It contains the following fields and controls:

- Server Address:
- Server Port:
- User name:
- Password:
- Passive mode: On Off
- Path:
- Auto create dir: On Off
- Test FTP settings: Please set first, and then test.

At the bottom right, there are two buttons: and .

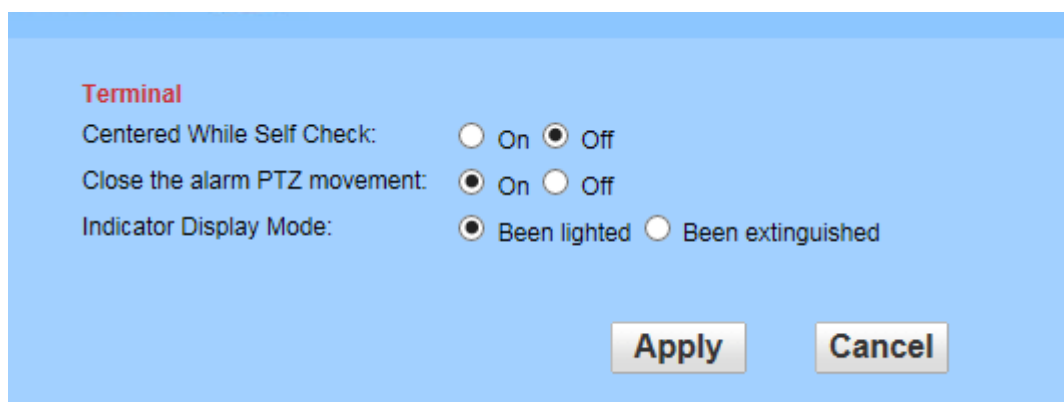
6.4.6 Terminal

This page is for configuring parameters for Pan/Tilt operation.

Centered While Self Check: The lens will go to the preset center position after the cruise is complete.

Close the alarm PTZ movement: Stop motion detection while the camera is panning or tilting.

Indicator Display Mode (not available on some models): Use a LED light to indicate whether the system is well powered on.



The screenshot shows a configuration window titled "Terminal" with a light blue background. It contains the following fields and controls:

- Centered While Self Check: On Off
- Close the alarm PTZ movement: On Off
- Indicator Display Mode: Been lighted Been extinguished

At the bottom right, there are two buttons: and .

6.4.7 485Set

485Set

Address:

Protocol:

rate: (0-60)

485Com Setting

Baudrate:

Data bit:

Stop bit:

Check type:

6.4.8 Multiple Setting

(Only available for IE browser on windows OS)

On this page you can search the cameras on the same LAN and add them into your multiple device group. Then you can view them at the live page together.

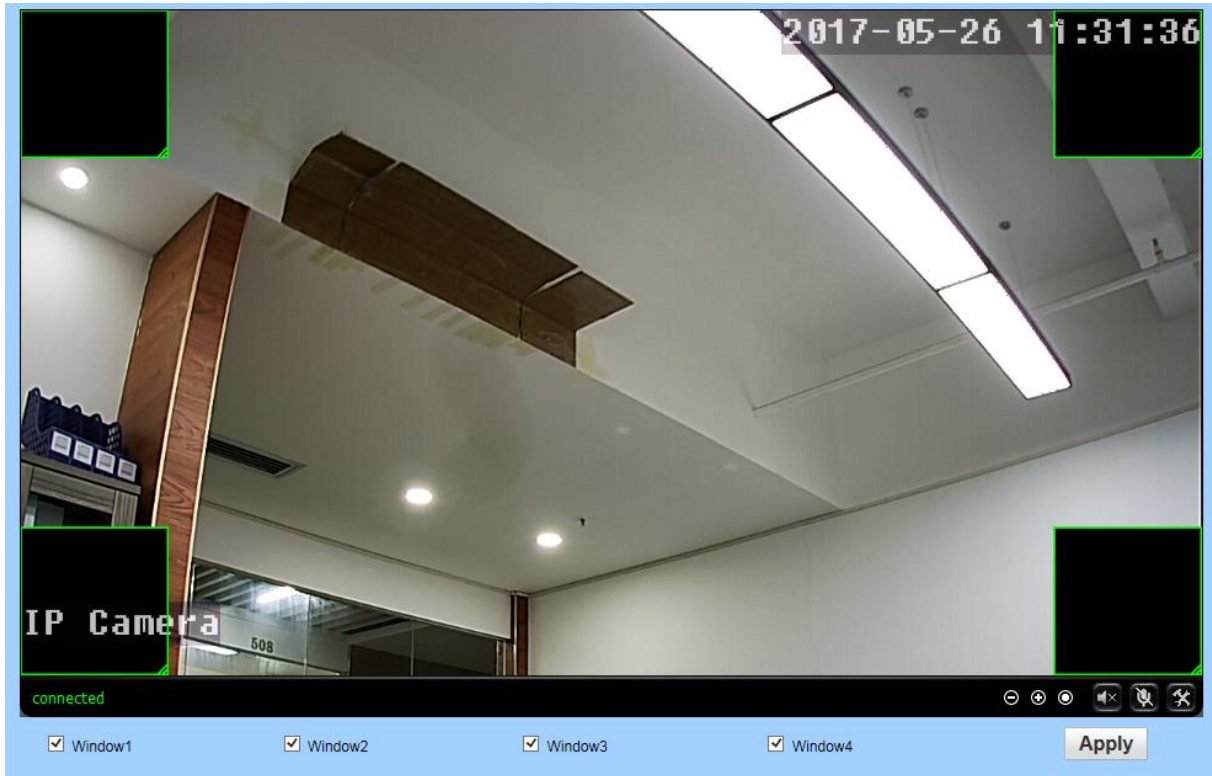
Multiple settings

Lan Search

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

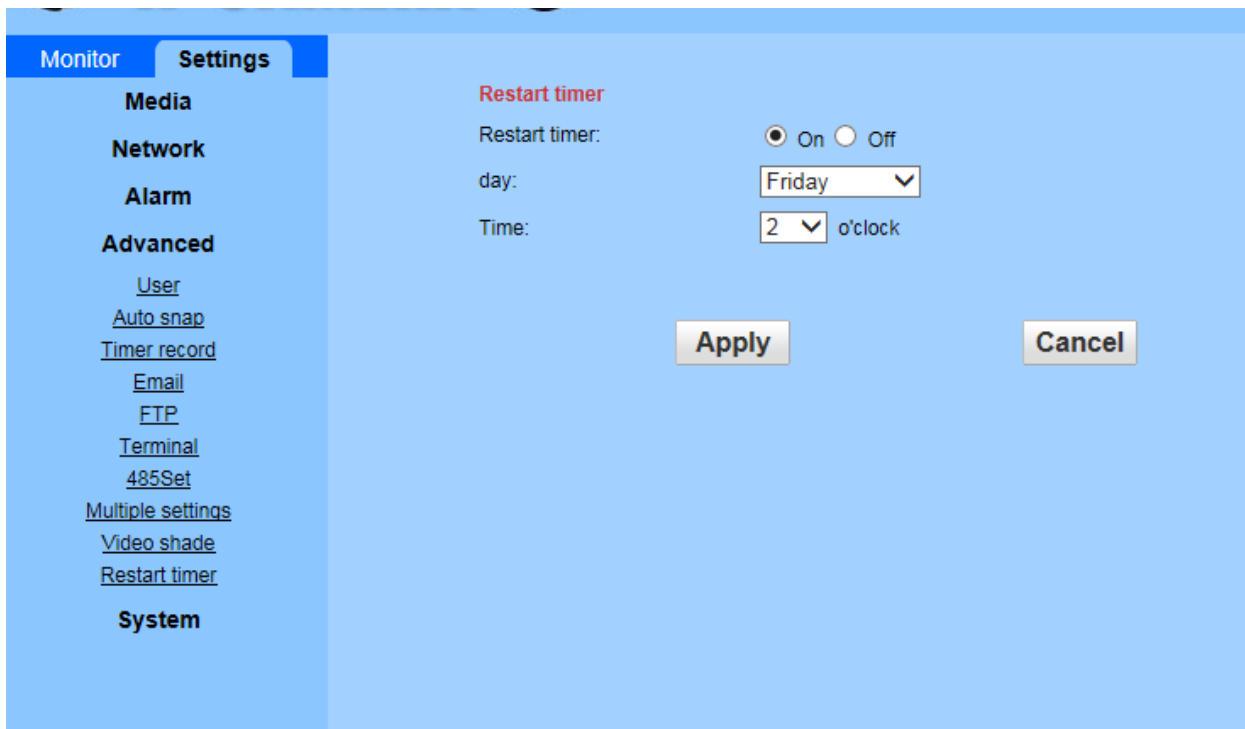
6.4.9 Video shade

Here you can set up video shade for up to 4 areas which you don't want the camera to monitor in the screen in different colors. And the position and size of video shade can be adjusted by dragging the mask box or edge.



6.4.10 Restart timer

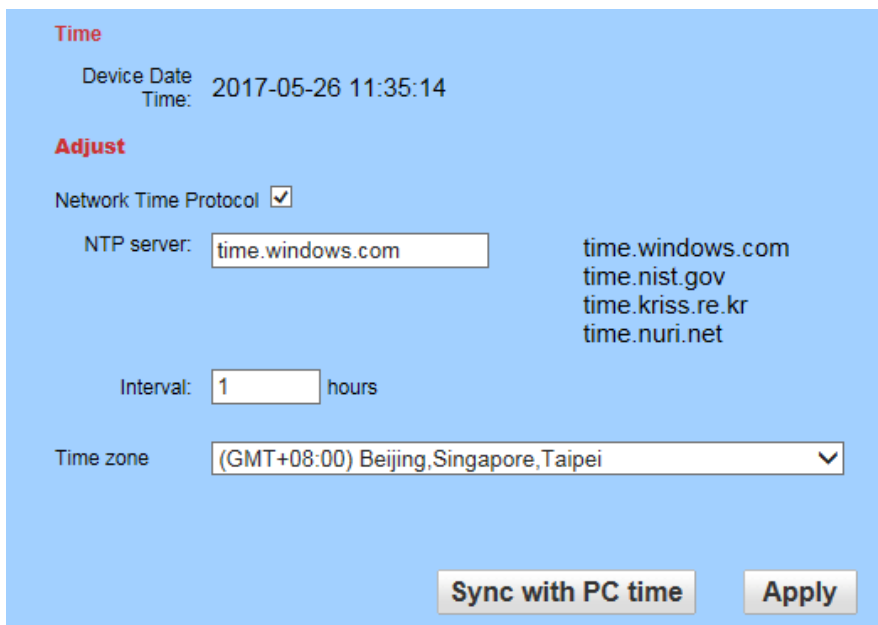
Here you can set the camera restart every week or everyday. Or If you don't like this feature, you can turn off it.



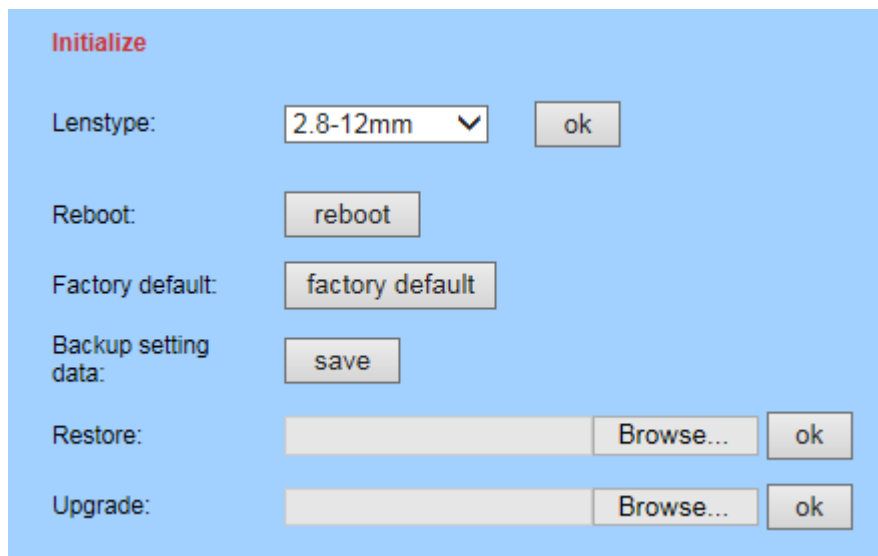
6.5 System

6.5.1 Time

Here you can set the time, date, the status of NTP and DST(Daylight Saving Time), and the time zone for your camera.



6.5.2 Initialize



Initialize

Lenstype: 2.8-12mm

Reboot:

Factory default:

Backup setting data:

Restore:

Upgrade:

Lenstype: select this camera lens length

Reboot: reboot the camera

Factory default: reset the camera setups to the factory default settings. And reset, you should connect the camera and router with Ethernet cable and redo initial setup again.

Backup setting data: backup the current settings of the camera, it will generate a file name “config_backup.bin” for you to save.

Restore: Import and restore the configuration file you backed up before. Please browse and select the file you want to import, the click the “ok” button.

Upgrade: Upgrade the firmware. Please browser and select the file you want to upgrade, then click the “Upgrade” button. Please go to FAQs from the software CD or our website to get more detail and important instruction documentation about it.

6.5.3 Device Information

Device information	
Device ID:	IPCAM
Device Type:	C6F0SfZON0P0L0
Network connection:	LAN
Current Client:	0
Software Version:	V11.1.4.5.1-20170408
Webware Version:	V1.0.1
Mac address:	00:FC:88:16:B7:4B
IP address:	192.168.1.147
Subnet mask:	255.255.255.0
Gateway:	192.168.1.1
Primary DNS:	192.168.1.1
Secondary DNS:	192.168.1.1
UPnPstatus:	Noenable
Manufacture's DDNS status:	Noenable
Third Party DDNS status:	Noenable
Start Time:	1970-01-01 08:00:22
SD status:	No card Browser SD Card... Format SD Card as fat32 Unplug SD Card

Here you can query and check the main information and status of the camera, including the name, time, IP, firmware version, DDNS, UPnP status, and the SD Card.

6.5.4 System Log

Here you can query the history operation or running log of your camera.

```
[1970_01_01 08:00:42] user(admin) login for live stream.
[1970_01_01 08:00:44] ircut: display switch(blackwhite -> color).
[1970_01_01 08:00:51] ipc_server start.
[1970_01_01 08:01:00] user(admin) login for live stream.
[2017_05_24 18:44:11] ircut: display switch(color -> blackwhite).
[2017_05_24 18:44:22] ircut: display switch(blackwhite -> color).
[2017_05_24 18:47:38] ircut: display switch(color -> blackwhite).
[2017_05_24 18:50:42] ircut: display switch(blackwhite -> color).
[2017_05_24 18:51:48] ircut: display switch(color -> blackwhite).
[2017_05_24 18:54:56] ircut: display switch(blackwhite -> color).
[2017_05_24 19:00:13] ircut: display switch(color -> blackwhite).
[2017_05_24 19:00:37] ircut: display switch(blackwhite -> color).
[2017_05_24 19:01:44] ircut: display switch(color -> blackwhite).
[2017_05_24 19:02:07] ircut: display switch(blackwhite -> color).
[2017_05_24 19:04:02] ircut: display switch(color -> blackwhite).
[2017_05_24 19:19:50] ircut: display switch(blackwhite -> color).
[2017_05_24 19:22:21] ircut: display switch(color -> blackwhite).
[2017_05_24 19:27:58] ircut: display switch(blackwhite -> color).
[2017_05_24 19:28:45] ircut: display switch(color -> blackwhite).
[2017_05_24 19:34:03] ircut: display switch(blackwhite -> color).
[2017_05_24 19:36:00] ircut: display switch(color -> blackwhite).
[2017_05_24 19:45:40] ircut: display switch(blackwhite -> color).
[2017_05_24 19:46:32] ircut: display switch(color -> blackwhite).
[2017_05_24 19:53:10] ircut: display switch(blackwhite -> color).
[2017_05_24 19:54:37] ircut: display switch(color -> blackwhite).
[2017_05_24 19:55:00] ircut: display switch(blackwhite -> color).
[2017_05_24 19:56:47] ircut: display switch(color -> blackwhite).
[2017_05_24 20:03:42] ircut: display switch(blackwhite -> color).
[2017_05_24 20:04:29] ircut: display switch(color -> blackwhite).
[2017_05_24 20:06:29] ircut: display switch(blackwhite -> color).
[2017_05_24 20:10:06] ircut: display switch(color -> blackwhite).
[2017_05_24 20:11:15] ircut: display switch(blackwhite -> color).
[2017_05_24 23:48:03] ircut: display switch(color -> blackwhite).
[2017_05_25 06:50:52] ircut: display switch(blackwhite -> color).
[2017_05_25 06:52:25] ircut: display switch(color -> blackwhite).
[2017_05_25 07:34:44] ircut: display switch(blackwhite -> color).
[2017_05_25 13:20:04] ircut: display switch(color -> blackwhite).
[2017_05_25 13:52:46] ircut: display switch(blackwhite -> color).
[2017_05_25 15:49:39] user(admin) login for live stream.
[2017_05_25 15:51:04] user(admin) logout from live stream.
[2017_05_25 15:51:04] user(admin) login for live stream.
[2017_05_25 16:13:27] user(admin) login for live stream.
[2017_05_25 16:13:31] user(admin) logout from live stream.
[2017_05_25 16:37:01] user(admin) login for live stream.
[2017_05_25 16:37:03] user(admin) logout from live stream.
[2017_05_25 16:37:05] user(admin) login for live stream.
[2017_05_25 16:37:09] user(admin) logout from live stream.
[2017_05_25 16:37:13] user(admin) login for live stream.
```

Clear Log

Refresh

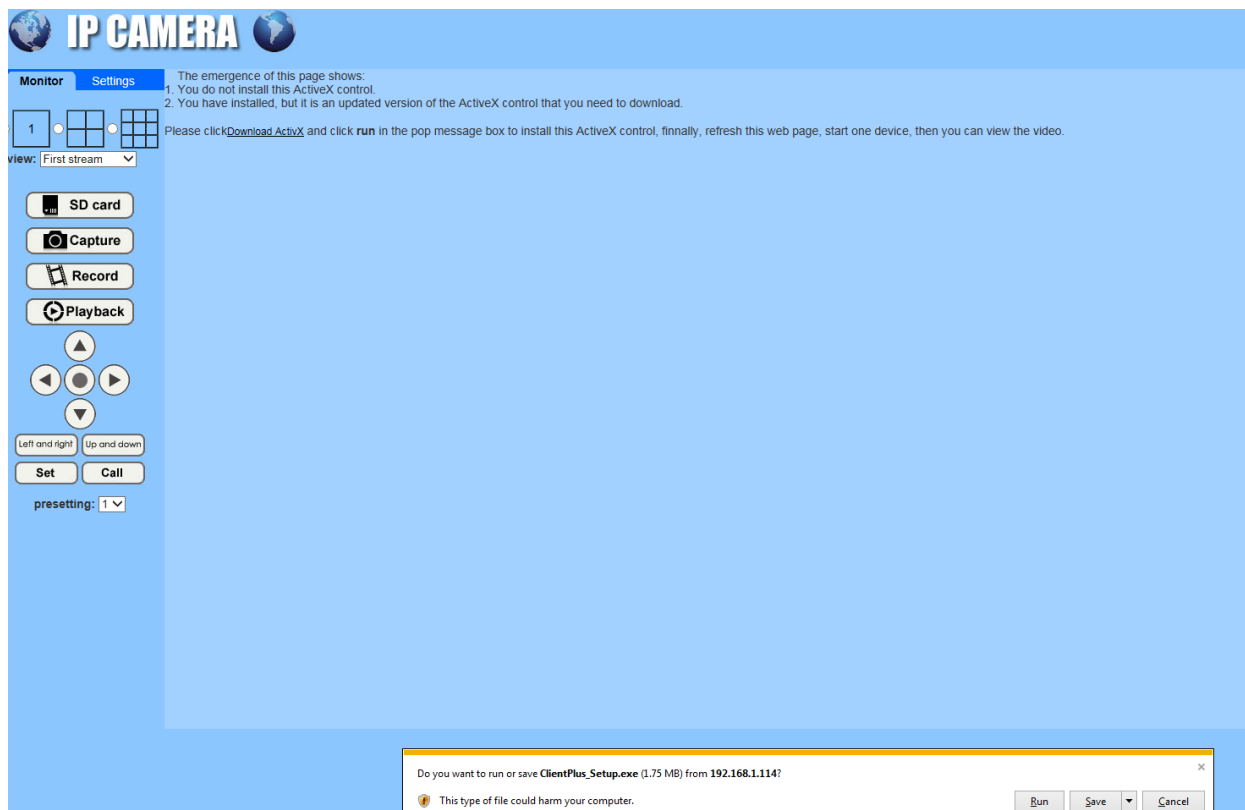
7 Frequently Asked Questions

7.1 How to start the live view in computer by web browser?

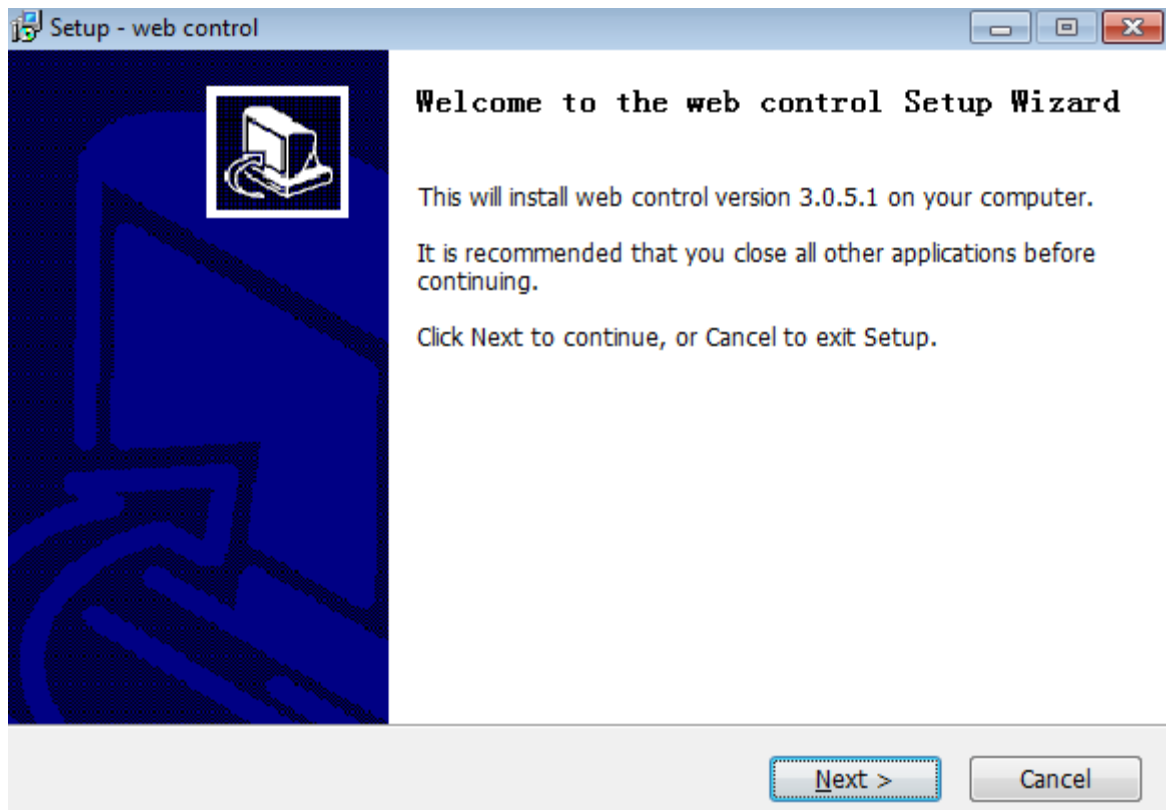
Before you start the live view in windows OS in IE browser. Please install the plugin first. But for the Google Chrome or Safari, you can start the live view directly by accessing the IP address of your camera, no need to install the plugin which is not supported for installation by Chrome and Safari.

7.2 How to install the plugin for IE browser in Windows OS?

When you login the camera in your computer at the first time by IE browser, the IE browser will prompt automatically to show you to allow the installing of the plugin.



1. Allow to install this plugin after you login the camera
2. Install the plugin after you login the camera



3. Refresh the IP address when it is ready to login and access your camera.

7.3 How to install the plugin for Mozilla Firefox browser in Windows OS?

When you login the camera in your computer at the first time by Firefox browser, it will show you to download the plugin. Please click the text link to download and save this plugin in your computer, and install it by manually.

1. Click and download the plugin from the login page, save it to your computer.
2. Double click the Plugin file to install it in your computer.
3. Refresh the IP address in your web browser to access your camera after you install the plugin successfully in your computer.

7.4 How to uninstall the plugin in your computer?

Please go to Control Panel--->Uninstall a program to find the program named “ web control version “, then uninstall it directly.

Note: Please make sure you closed the web browser who is using this plugin, or it may could not be uninstalled completely.

Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.

Organize ▾				
Name	Publisher	Installed On	Size	Version
web control version 3.0.5.1		2017-05-26	5.60 MB	3.0.5.1
SearchTool		2017-05-23		1.0.0.1

7.5 Forgotten the username or password of the camera

Here have a hard reset button in the camera. Please press and hold the reset button for 5-10 seconds. Upon releasing the reset button, the camera will reboot automatically and the username and password will be restored to the factory default settings.

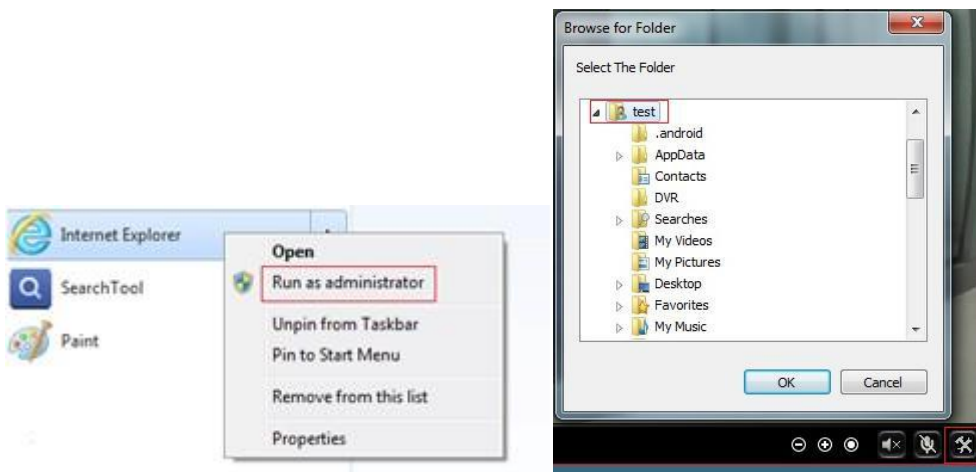
Default username: admin

Default password: admin

Note: The password is case sensitive

7.6 Could not record videos or snap pictures in IE 11 or Firefox of Windows 10 OS

Because the security limitation of IE 11 and windows, you could not enable the recording/snap path to store. Please run your web browser as administrator authority, and set an available file path to save your recordings and pictures. Then they will work in your computer.



7.7 Camera could not connect the wireless network by Wi-Fi

1. Please go to the Settings--->Network--->Wireless page through web browser,.
2. Please make sure these special characters did not be included in your Wi-Fi password, such as & = ' " \ % +.
3. The camera only support 2.4G Wi-Fi, did not support 5G. Please make sure you didn't set the 5G Wi-Fi configuration to the camera.
4. Please make sure you have enabled the wireless.
5. Please make sure your Wi-Fi password is correct.

If more information, please scan the QR code or contact us: tech@vitorcam.com

Official webpage: www.vitorcam.com

