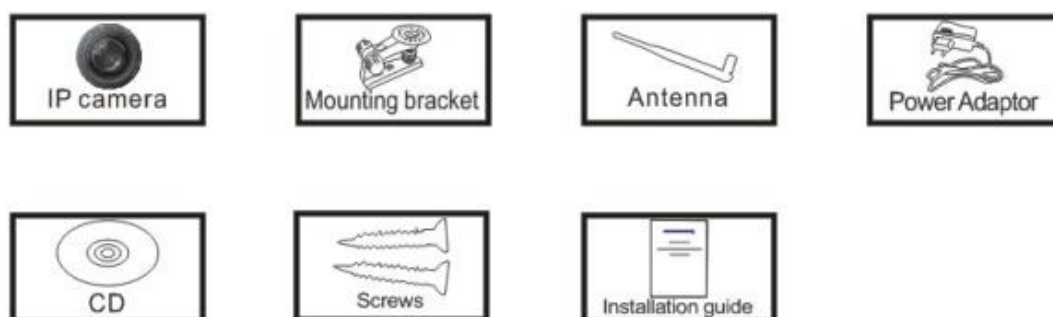


IP Camera

HW0036

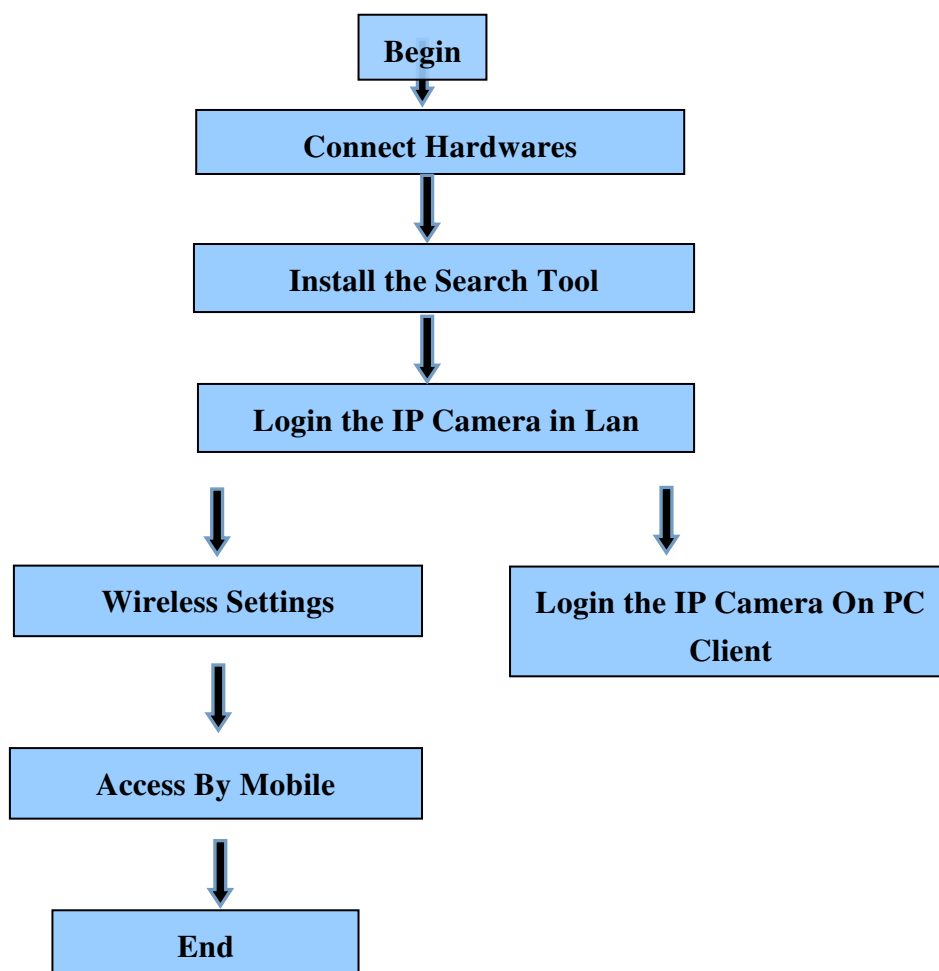
Wanscam

Packaging list:



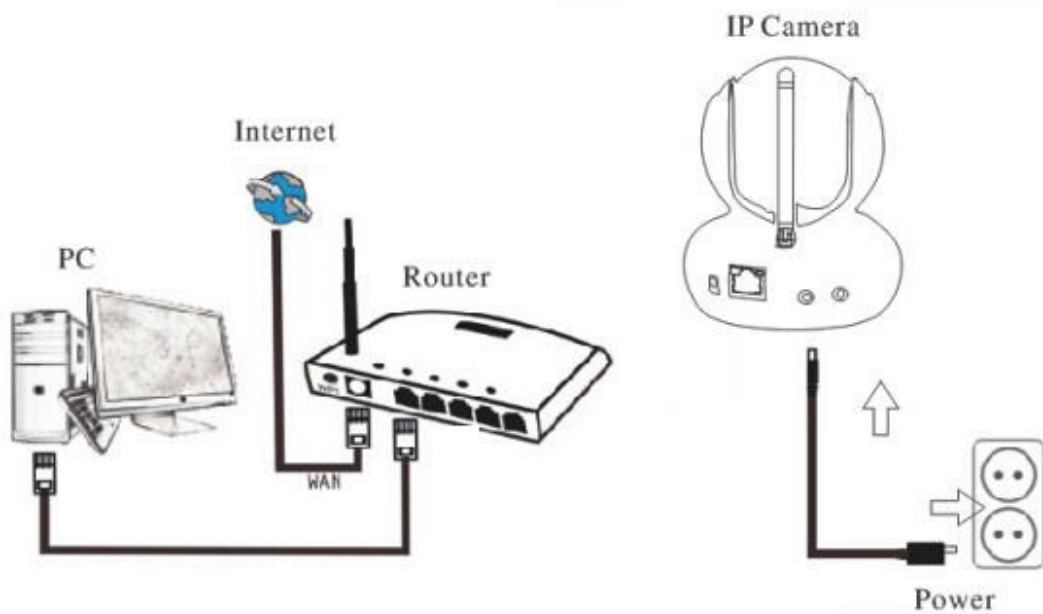
 **Note:** Some camera models don't have separate antenna (fixed)

Installation procedures:



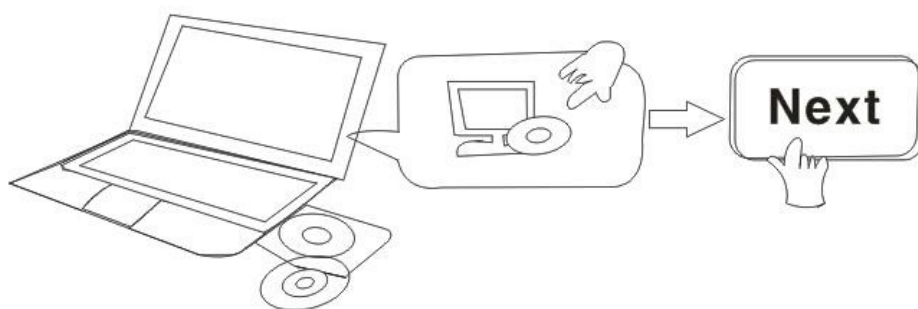
 **Note:** For the first time use IP Camera, please refer to the procedures

above



Connect the Camera with Internet cable and power accordingly as above

2. Install the Search Tool



Open the CD, Install the following software:

1. Open the File "JW & HW series"-"Browser View":

Click "OCX setup"—"Next"—"Install"—"Finish"

2. Open the File “JW & HW series”-”Browser View”:

Copy “Search Tool ” to desktop and run it

3. E-View7 App Installation

APP Download

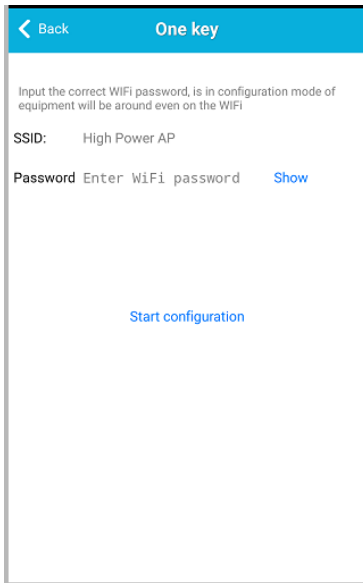
Please Download and install the E-view7 APP before you set up the IP Camera. Search on Google Play store or APP Store for “E-view7”



One Key Setting Function (cell phone must be connected to the WiFi.)

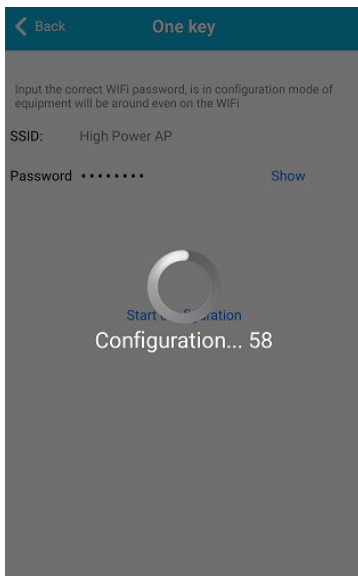
Step1.Connect the camera with power adaptor (you do not need to connect the Ethernet cable).

Step2.Launch the APP, tap on “+” to access the “Add Camera” function, then click on “One Key Setting”, and the screen shown below will appear:



1

Step3. Enter the correct WiFi password, then click on “Start configuration”, like shown in the screen below:



2



3

Step4. Wait for 60 seconds, then choose the respective device and enter the password. If done, click on save to connect to the WiFi.

Three methods to add IP camera

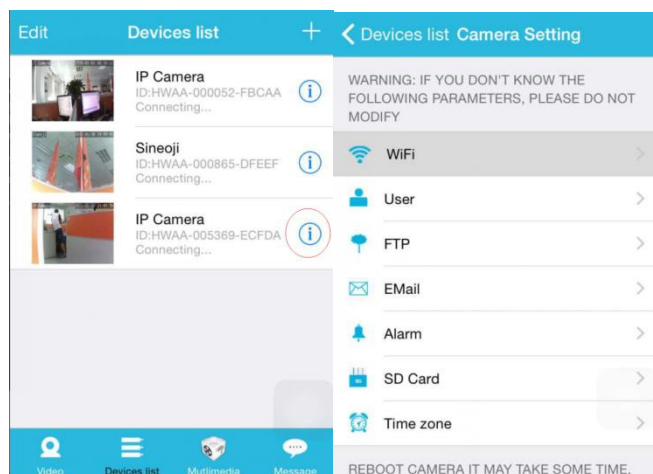
Method 1:Input the P2P ID, User name, Password of your camera manually.
Then click “Save”

Method 2:Scan the QR code:Click the “Scan QR code” button,at the bottom of the camera, there is a label of QR Code, then scan the QR code with your smart phone,it will show the ID, input the user name and password, then click “Save ”

Method 3:Click “Search”, then you will get the local camera list in your phone.
Choose the camera which you want to view, input the user name and password, then click “Save”

Then the video will be showed,refer to picture 7

Click the “!” In the red circle,the camera settings are available,refer to picture 8

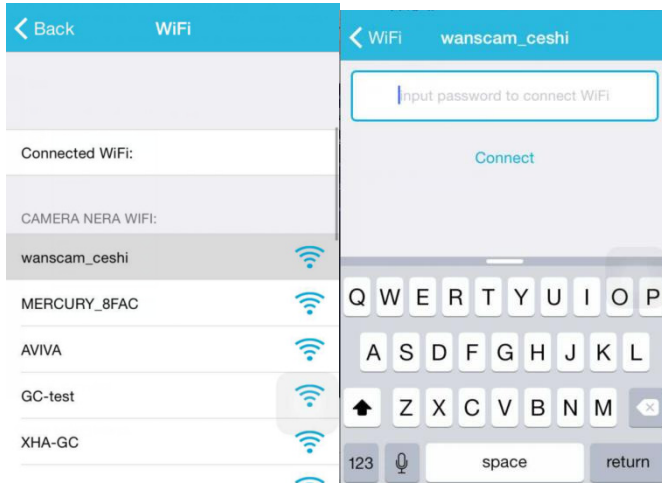


7

8

Open the WiFi settings,showed as Picture 9

choose the correct SSID,and input the password,like picture 10



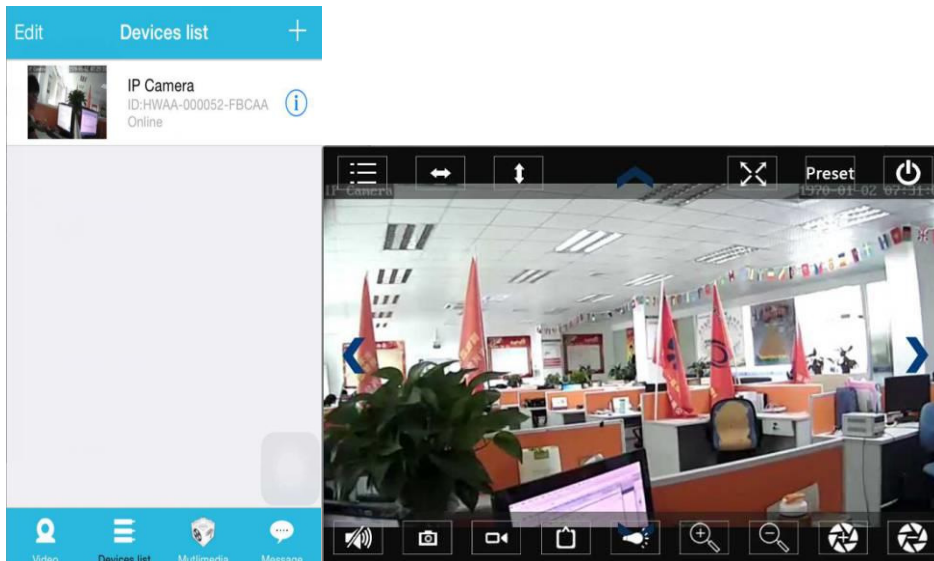
9

10

After wifi connection, the camera will be rebooting,

You will find the camera online after 3-5 minutes

The video will be showed wirelessly, refer to Picture 11 and 12



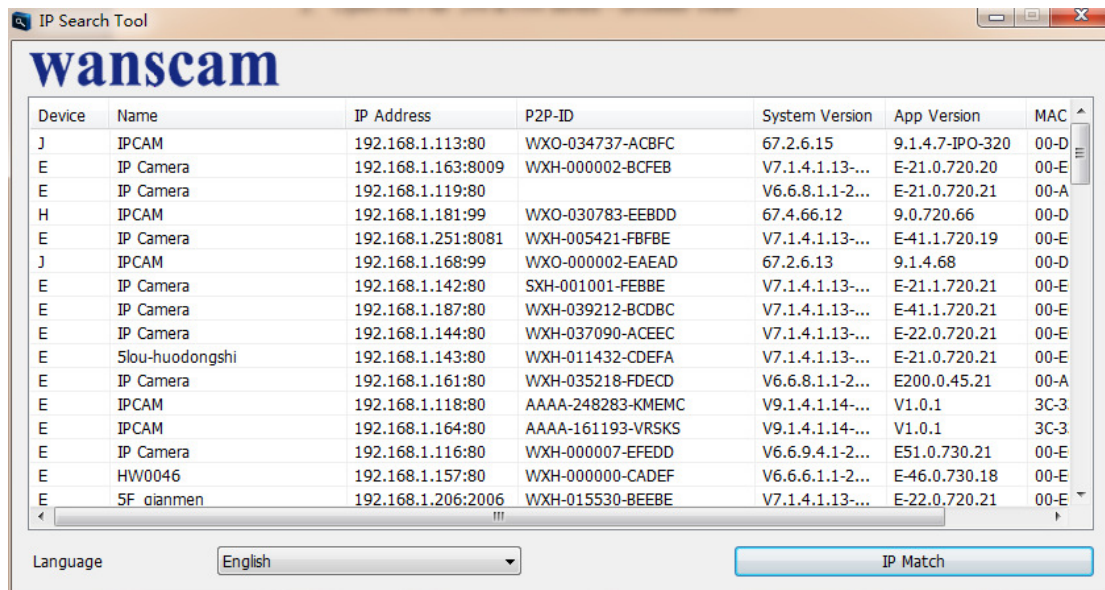
11

12

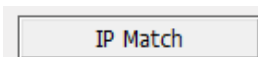
4. Login IP Camera In LAN

After hardware connection properly, run the search tool, the Camera IP Address will

be showed automatically. (Before viewing camera on IE, you must set One Key Setting)

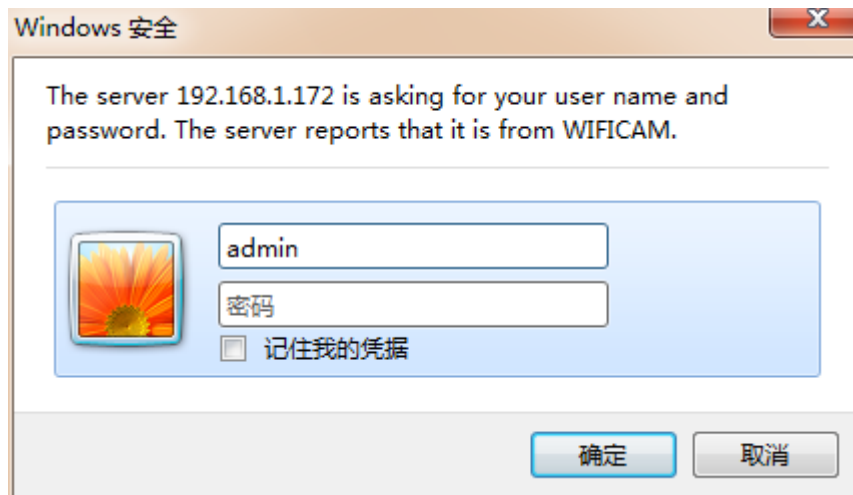


Note: If the Search Tool shows [subnet mask does not match](#), please click



Double click the camera IP address in the search tool.

A Sign-in interface will be showed on your default browser, like the below:



Note: username is "admin"; password is none

(Please change the account info for safety after login)

The login screen will be showed after the correct user name and password input

WANSCAM



livestream mode (for Internet Explorer)



videostream mode(for FireFox)



snapshot mode (for smartphone)

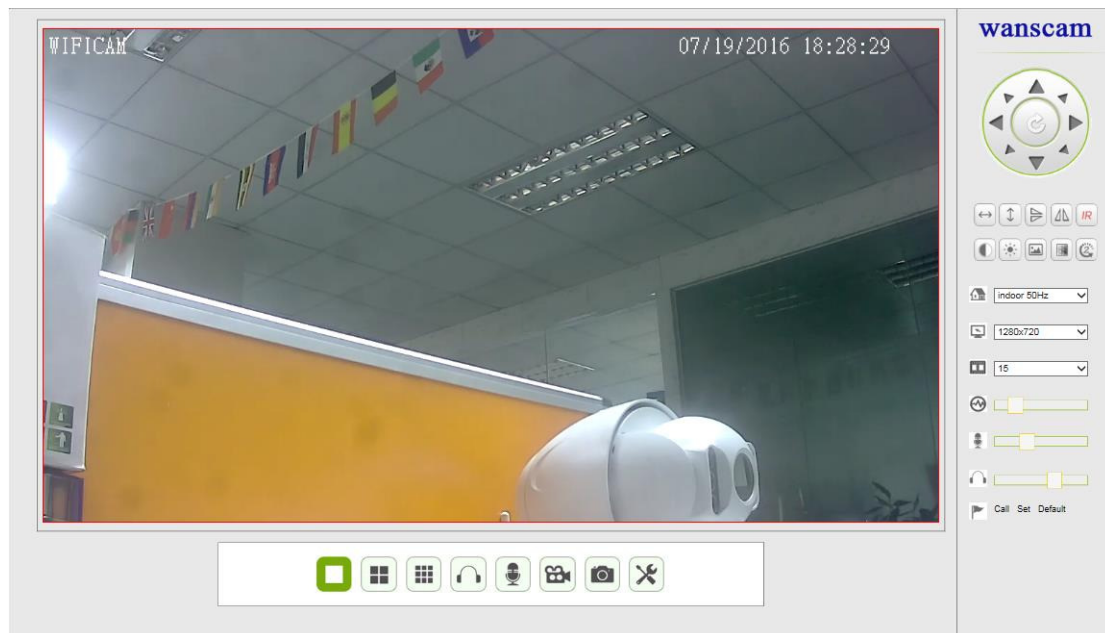


SD card video playback online

 **Note:** If the OCX installed before,then login directly

- A. Click “OCX” to download and Install it.
- B. Refresh the webpage and login again,the camera video will be displayed as below

Live video



5.Device information Setting



1).Click , access the “ Device information” settings

2)Checking the information of the ipcamera

The screenshot shows the 'System Settings' page with a sidebar on the left containing various configuration options. The 'Device information' option is highlighted with a red box. The main content area displays a table titled 'Device Status' with the following data:

| Device Status | |
|--------------------------------|-------------------------|
| Device Firmware Version | A75.56.1.16.45E |
| Device Embedded Web UI Version | 12.9.7.4-en |
| Alias | WIFICAM |
| Device ID | SPCN-000574-DBFPK |
| Alarm Status | None |
| UPnP Status | UPnP Succeed |
| MAC | 00:f9:ec:ca:22:bf |
| WIFI MAC | 00:0E:00:07:33:53 |
| sd total capacity(M) | 0 M |
| sd state | sd card is not inserted |
| Language | English |

Below the table is a 'Refresh' button.

6.Alias setting

The display name of the camera


The screenshot shows the 'Alias Settings' page. The sidebar on the left has 'Alias Settings' highlighted with a red box. The main content area features a form with the following fields:

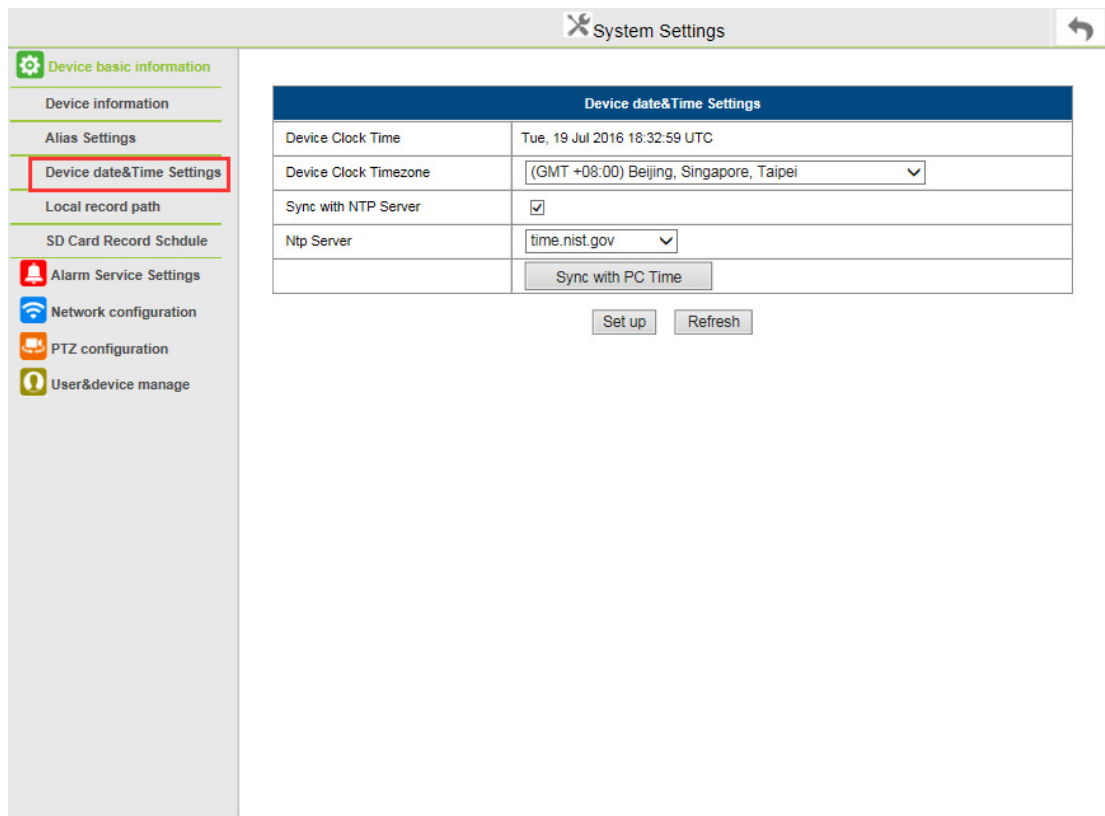
| Alias Settings | |
|----------------|---------|
| Alias | WIFICAM |

Below the form are 'Set up' and 'Refresh' buttons.

7. Time Setting



- 1).Click  , access the “time” setting
- 2)You can choose the NTP server you want,and click “Apply”
- 3)Choose the time zone you want,click “Apply”,you can get it



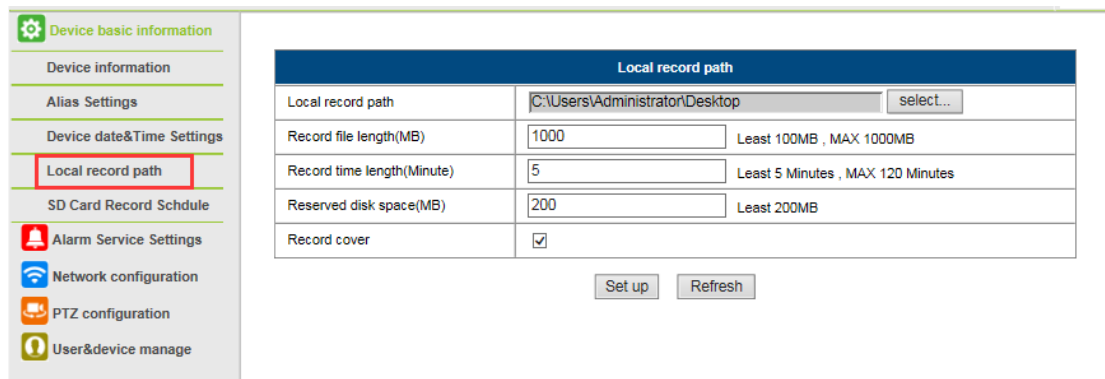
The screenshot shows the 'System Settings' interface. On the left is a navigation menu with 'Device date&Time Settings' highlighted in red. The main content area is titled 'Device date&Time Settings' and contains the following configuration table:

| Device date&Time Settings | |
|--|---|
| Device Clock Time | Tue, 19 Jul 2016 18:32:59 UTC |
| Device Clock Timezone | (GMT +08:00) Beijing, Singapore, Taipei |
| Sync with NTP Server | <input checked="" type="checkbox"/> |
| Ntp Server | time.nist.gov |
| <input type="button" value="Sync with PC Time"/> | |

Below the table are two buttons: 'Set up' and 'Refresh'.

8. Record setting

1



The screenshot shows the 'System Settings' interface. On the left is a navigation menu with 'Local record path' highlighted in red. The main content area is titled 'Local record path' and contains the following configuration table:

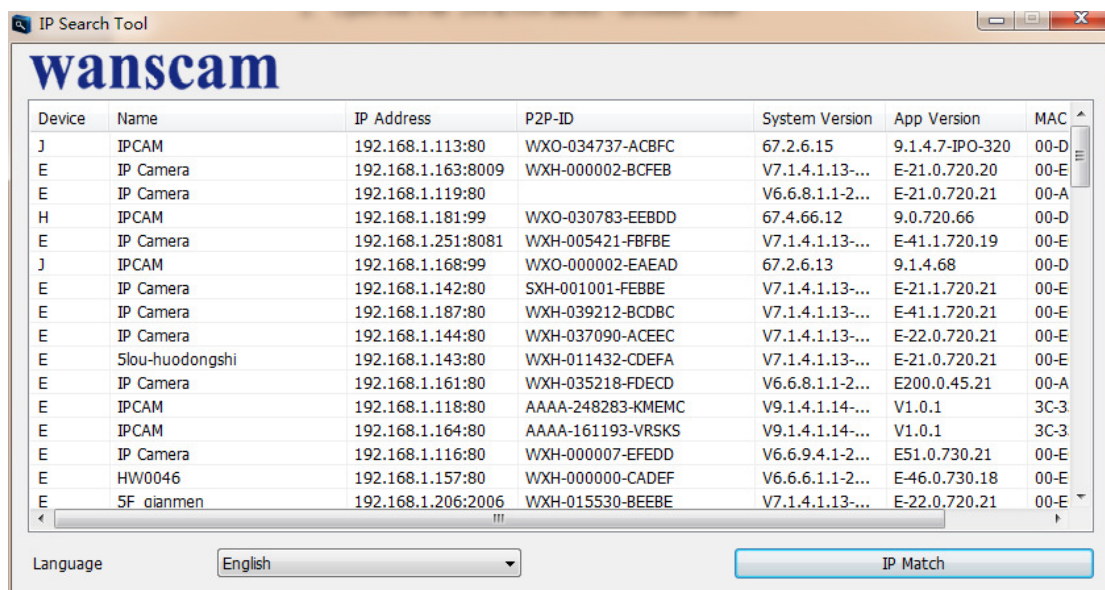
| Local record path | |
|----------------------------|---|
| Local record path | C:\Users\Administrator\Desktop <input data-bbox="1129 1709 1198 1731" type="button" value="select..."/> |
| Record file length(MB) | 1000 <small>Least 100MB , MAX 1000MB</small> |
| Record time length(Minute) | 5 <small>Least 5 Minutes , MAX 120 Minutes</small> |
| Reserved disk space(MB) | 200 <small>Least 200MB</small> |
| Record cover | <input checked="" type="checkbox"/> |

Below the table are two buttons: 'Set up' and 'Refresh'.

- Record & Capture Path: Where to store the files, video and photos. (If you can't choose this, pay attention to your PC OS and IE version, please use the IE browser.)
- Record file length: At least 100MB
- Record time length: At least 5 minutes.
- Reserved disk space: If your pc disk space is less than 200MB, stop recording.
- Record cover: Delete the old files when the disk capacity is almost depleted.

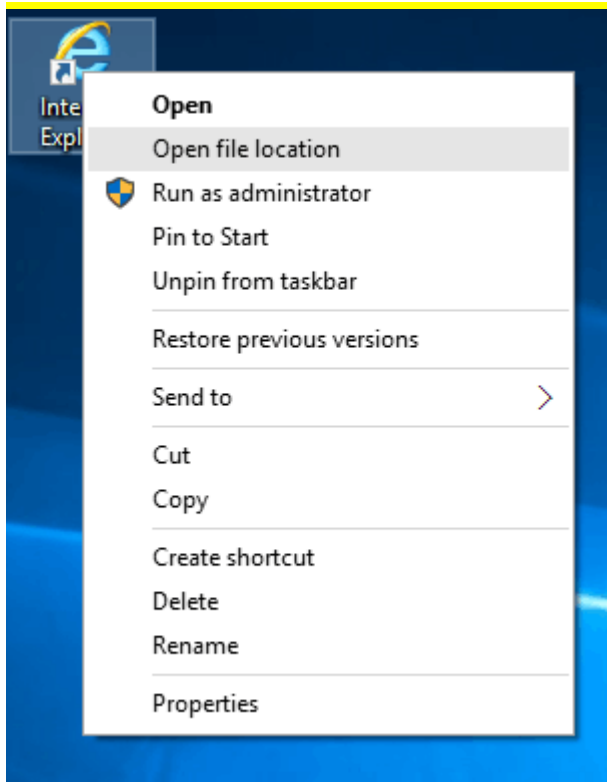
Note :if you can not change the recording path, please follow these steps:

First, please open search tool,Find the camera's ip address :



| Device | Name | IP Address | P2P-ID | System Version | App Version | MAC |
|--------|-----------------|--------------------|-------------------|-----------------|-----------------|------|
| J | IPCAM | 192.168.1.113:80 | WXO-034737-ACBFC | 67.2.6.15 | 9.1.4.7-IPO-320 | 00-D |
| E | IP Camera | 192.168.1.163:8009 | WXH-000002-BCFEB | V7.1.4.1.13-... | E-21.0.720.20 | 00-E |
| E | IP Camera | 192.168.1.119:80 | | V6.6.8.1.1-2... | E-21.0.720.21 | 00-A |
| H | IPCAM | 192.168.1.181:99 | WXO-030783-EEBDD | 67.4.66.12 | 9.0.720.66 | 00-D |
| E | IP Camera | 192.168.1.251:8081 | WXH-005421-FBFBE | V7.1.4.1.13-... | E-41.1.720.19 | 00-E |
| J | IPCAM | 192.168.1.168:99 | WXO-000002-EAEAD | 67.2.6.13 | 9.1.4.68 | 00-D |
| E | IP Camera | 192.168.1.142:80 | SXH-001001-FEBBE | V7.1.4.1.13-... | E-21.1.720.21 | 00-E |
| E | IP Camera | 192.168.1.187:80 | WXH-039212-BCDBC | V7.1.4.1.13-... | E-41.1.720.21 | 00-E |
| E | IP Camera | 192.168.1.144:80 | WXH-037090-ACEEC | V7.1.4.1.13-... | E-22.0.720.21 | 00-E |
| E | Slou-huodongshi | 192.168.1.143:80 | WXH-011432-CDEFA | V7.1.4.1.13-... | E-21.0.720.21 | 00-E |
| E | IP Camera | 192.168.1.161:80 | WXH-035218-FDECD | V6.6.8.1.1-2... | E200.0.45.21 | 00-A |
| E | IPCAM | 192.168.1.118:80 | AAAA-248283-KMEMC | V9.1.4.1.14-... | V1.0.1 | 3C-3 |
| E | IPCAM | 192.168.1.164:80 | AAAA-161193-VRSKS | V9.1.4.1.14-... | V1.0.1 | 3C-3 |
| E | IP Camera | 192.168.1.116:80 | WXH-000007-EFEDD | V6.6.9.4.1-2... | E51.0.730.21 | 00-E |
| E | HW0046 | 192.168.1.157:80 | WXH-000000-CADEF | V6.6.6.1.1-2... | E-46.0.730.18 | 00-E |
| E | SF qianmen | 192.168.1.206:2006 | WXH-015530-BEEBE | V7.1.4.1.13-... | E-22.0.720.21 | 00-E |

Then,Run IE browser as administrator :



Finally, Paste IP address of the camera in IE browser, Click “Enter” and find the below page then you can modify the video path :

| Local record path | |
|----------------------------|---|
| Local record path | D:\ <input type="button" value="select..."/> |
| Record file length(MB) | <input type="text" value="1000"/> <small>Least 100MB , MAX 1000MB</small> |
| Record time length(Minute) | <input type="text" value="5"/> <small>Least 5 Minutes , MAX 120 Minutes</small> |
| Reserved disk space(MB) | <input type="text" value="200"/> <small>Least 200MB</small> |
| Record cover | <input checked="" type="checkbox"/> |

9. Record Schedule

This section explains the **SD card recording settings**. If the SD card has been inserted, the capacity of the card will be displayed. But at first, you need to format it. It includes: Record coverage, Record time, Timer recording. The settings are like follows:

Device basic information

- Device information
- Alias Settings
- Device date&Time Settings
- Local record path
- SD Card Record Schedule
- Alarm Service Settings
- Network configuration
- PTZ configuration
- User&device manage

| Record Schedule | |
|---|---|
| sd total capacity(M) | 0 M |
| sd state | sd card is not inserted Format |
| Record coverage | <input checked="" type="checkbox"/> |
| record audio | <input checked="" type="checkbox"/> |
| Timer recording | <input checked="" type="checkbox"/> |
| select all | <input checked="" type="checkbox"/> |
| Day | 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 | |
| Set up Refresh | |



Record coverage: Delete old files when the SD card is nearly full.

Record time: Create a video file every 10 minutes.

Timer recording: Set the time, select all, store recording to the SD card.

You can playback the video online with **IE browser**. Press the “Enter” button, choose the last

sign in code: **SD card video playback online**



10. Mail Service Settings and Alarm Service Settings

- 1). The Mail service settings are a requirement for the alarm function. If your camera will be activated it will send you an email with photos attached. For this, you must assure that the mail service is configured correctly and successfully tested.
Here an example for Gmail.

| Mail Service Settings | |
|--|-------------------------------------|
| Sender |@qq.com |
| SMTP Server | smtp.qq.com @qq.com |
| SMTP Port | 25 |
| Need Authentication | <input checked="" type="checkbox"/> |
| SSL | NONE |
| SMTP User |@qq.com |
| SMTP Password | |
| Receiver 1 |@qq.com |
| Receiver 2 | |
| Receiver 3 | |
| Receiver 4 | |
| <input type="button" value="Test"/> Please set at first, and then test. | |
| <input type="button" value="Set up"/> <input type="button" value="Refresh"/> | |

It will send an email if the camera is activated.

You must enter the following information:

Sender: Enter your email address

Receiver: Enter your email address or a different email address

SMTP user: Enter the email username

SMTP password: Enter your email password

Note: This function only works if the IP camera is accessed via the network. If you use Gmail, the port should be configured as 465, SSL should be TLS. The most important, make sure that your Gmail has SMTP enabled.

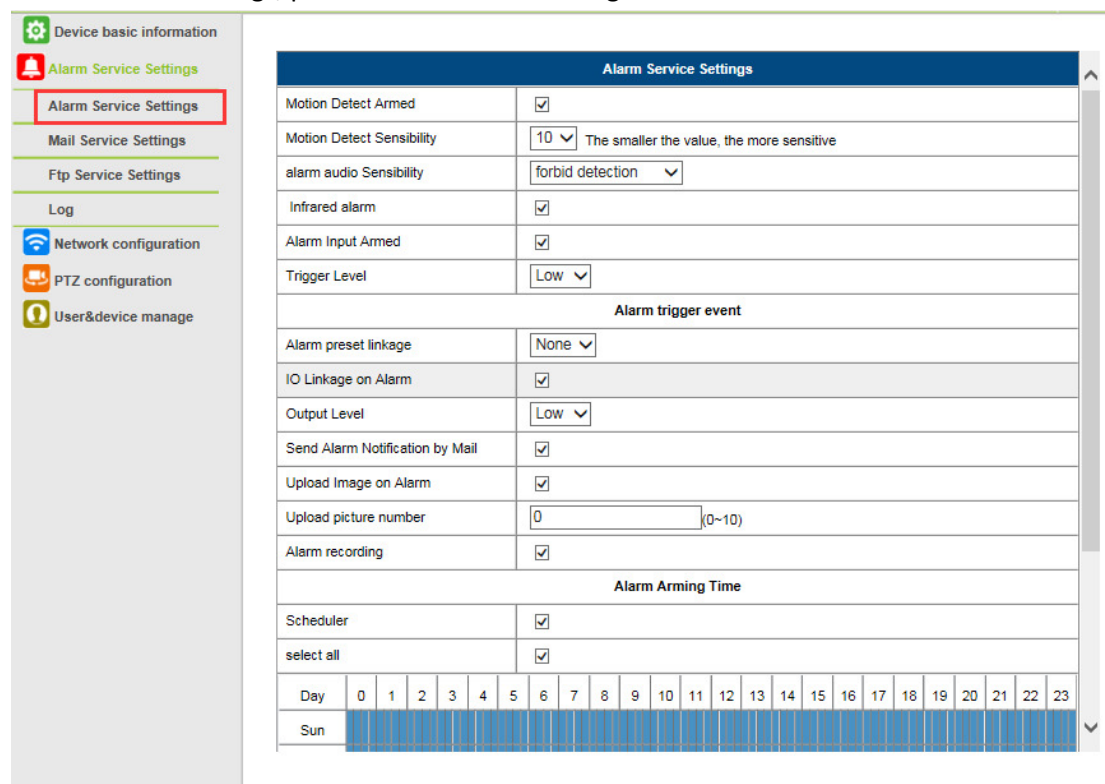
After first test email, you will receive an email from google with an login attempt.

Option 2 :

Change your setting to allow less secure apps to access your account, follow these steps :

1. Go to the "Less secure apps" section in my account.
2. Next to "Access for less secure apps", select Turn on. (Note to Google Apps users : This setting is hidden if your administrator has locked less secure app account access)
3. More details about allow less secure apps, please refer to this link : <https://support.google.com/a/answer/6260879?hl=en>.

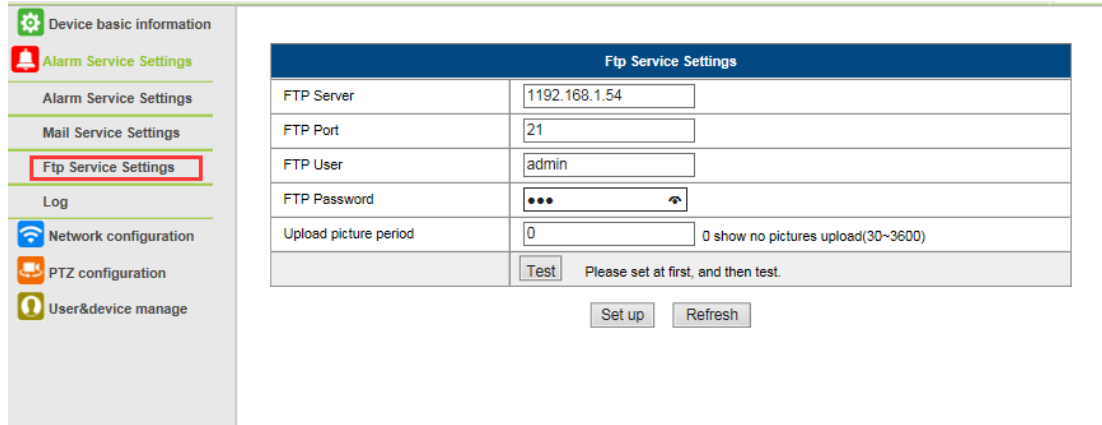
It will send you a notification as soon the camera will be activated (depends on the model) Alarm Service Settings, please use the same settings like in the screenshot below:



If you let the camera page (browser) on, if the come will be activated, 1 minute will be recorded.

11.Ftp service setting and system Log

FTP setting:



The screenshot shows a web interface for configuring FTP service settings. On the left is a navigation menu with the following items: Device basic information, Alarm Service Settings, Mail Service Settings, Ftp Service Settings (highlighted with a red box), Log, Network configuration, PTZ configuration, and User&device manage. The main content area is titled 'Ftp Service Settings' and contains a table of configuration fields:

| Ftp Service Settings | |
|---|---|
| FTP Server | <input type="text" value="1192.168.1.54"/> |
| FTP Port | <input type="text" value="21"/> |
| FTP User | <input type="text" value="admin"/> |
| FTP Password | <input type="password" value="..."/> |
| Upload picture period | <input type="text" value="0"/> 0 show no pictures upload(30~3600) |
| <input type="button" value="Test"/> Please set at first, and then test. | |

Below the table are two buttons: 'Set up' and 'Refresh'.

- 1). The Alarm log is provided for administrators to monitor the alarm events

Device basic information

Alarm Service Settings

Alarm Service Settings

Mail Service Settings

Ftp Service Settings

Log

Network configuration

PTZ configuration

User&device manage

Log

```

2016-07-19 17:37:34 localhost ntp ok
2016-07-19 17:37:34 localhost msntp verify time ok
2016-07-19 17:37:59 localhost Date Read last time
2016-07-19 17:33:14 localhost ntp ok
2016-07-19 17:33:14 localhost msntp verify time ok
2016-07-19 17:20:36 localhost Date Read last time
2016-07-19 17:19:30 p2p param opration
2016-07-19 17:19:30 p2p param opration
2016-07-19 17:19:16 localhost Date Read last time
2016-07-19 17:18:28 p2p livestream is run
2016-07-19 17:18:28 p2p param opration
2016-07-19 17:18:13 p2p param opration
2016-07-19 17:18:13 p2p param opration
2016-07-19 17:17:56 localhost Date Read last time
2016-07-19 17:16:36 localhost Date Read last time
2016-07-19 17:11:51 localhost ntp ok
2016-07-19 17:11:51 localhost msntp verify time ok
2016-07-19 17:11:14 localhost Date Read last time
2016-07-19 17:06:29 localhost ntp ok
2016-07-19 17:06:29 localhost msntp verify time ok
2016-07-19 17:00:39 localhost Date Read last time
2016-07-19 16:59:19 localhost Date Read last time
2016-07-19 16:57:59 localhost Date Read last time
2016-07-19 16:50:29 localhost ntp ok
2016-07-19 16:50:29 localhost msntp verify time ok
2016-07-19 16:46:20 localhost Date Read last time
2016-07-19 16:41:35 localhost ntp ok
2016-07-19 16:41:35 localhost msntp verify time ok
2016-07-18 16:32:38 localhost Date Read last time
2016-07-18 16:21:53 localhost ntp ok

```

12. Basic Network Settings & wireless

1) You may modify the network Settings of IP address and gateway, and the port number

Device basic information

Alarm Service Settings

Network configuration

Basic Network Settings

Wireless Lan Settings

Onvif Stream Settings

Rtsp Stream Settings

PTZ configuration


User&device manage


Basic Network Settings

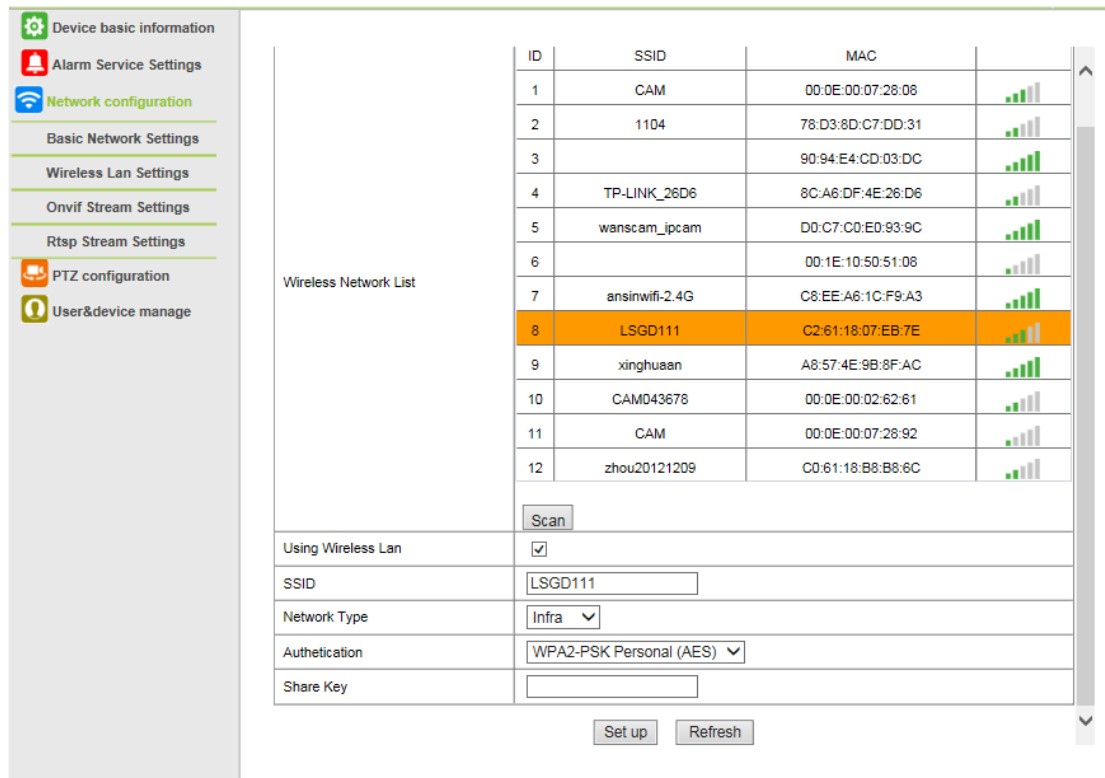
| | |
|----------------------------|---|
| Obtain IP from DHCP Server | <input type="checkbox"/> |
| IP Addr | <input style="width: 100%;" type="text" value="192.168.1.172"/> |
| Subnet Mask | <input style="width: 100%;" type="text" value="255.255.255.0"/> |
| Gateway | <input style="width: 100%;" type="text" value="192.168.1.1"/> |
| DNS Server1 | <input style="width: 100%;" type="text" value="8.8.8.8"/> |
| DNS Server2 | <input style="width: 100%;" type="text" value="202.96.134.33"/> |
| Http Port | <input style="width: 100%;" type="text" value="81"/> |

Wireless Setting



- 1).Click  , access the “Wireless” settings
- 2).Search the WIFI signals and choose the SSID you want
- 3).Make sure all the parameters are the same as your router, input the WIFI network key.
- 5).Click “check”, after 30seconds,one notification will show you if the WIFI settings succeed
- 6)If succeed, just go back to select “Apply”, then disconnect the network cable

 **Note:** If the camera IP Address can not be found on the search tool, please connect the internet cable again to check the WIFI settings



Device basic information

Alarm Service Settings

Network configuration

Basic Network Settings

Wireless Lan Settings













Onvif Stream Settings

Rtsp Stream Settings

PTZ configuration

User&device manage

Wireless Network List

| ID | SSID | MAC | |
|----|----------------|-------------------|---|
| 1 | CAM | 00:0E:00:07:28:08 |  |
| 2 | 1104 | 78:D3:8D:C7:DD:31 |  |
| 3 | | 90:94:E4:CD:03:DC |  |
| 4 | TP-LINK_26D6 | 8C:A6:DF:4E:26:D6 |  |
| 5 | wanscam_ipc.am | D0:C7:C0:E0:93:9C |  |
| 6 | | 00:1E:10:50:51:08 |  |
| 7 | ansinwifi-2.4G | C8:EE:A6:1C:F9:A3 |  |
| 8 | LSGD111 | C2:61:18:07:EB:7E |  |
| 9 | xinghuan | A8:57:4E:9B:8F:AC |  |
| 10 | CAM043678 | 00:0E:00:02:62:61 |  |
| 11 | CAM | 00:0E:00:07:28:92 |  |
| 12 | zhou20121209 | C0:61:18:B8:B8:6C |  |

Scan

Using Wireless Lan

SSID

Network Type

Authentication

Share Key

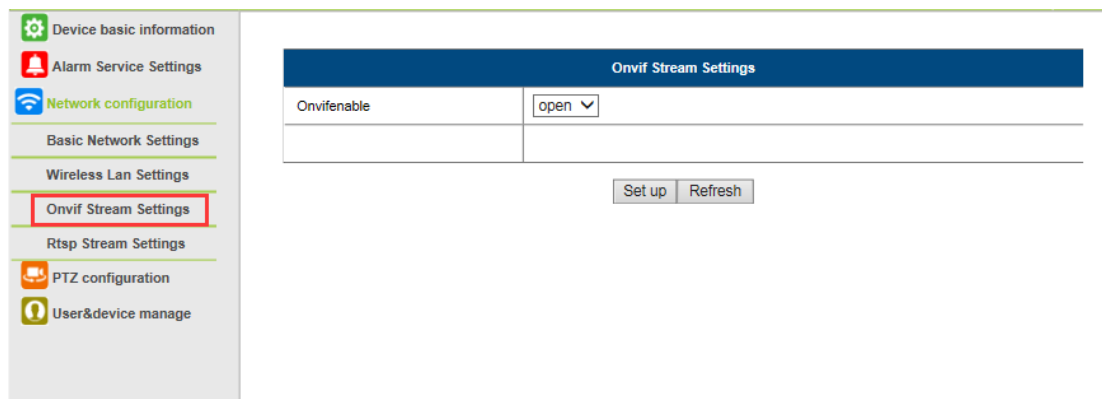
Set up Refresh

Checking the WIFI signal connection situation

The device is rebooting. Don't shutdown it's power. Please waiting ... 59

13.Rtsp&Onvif

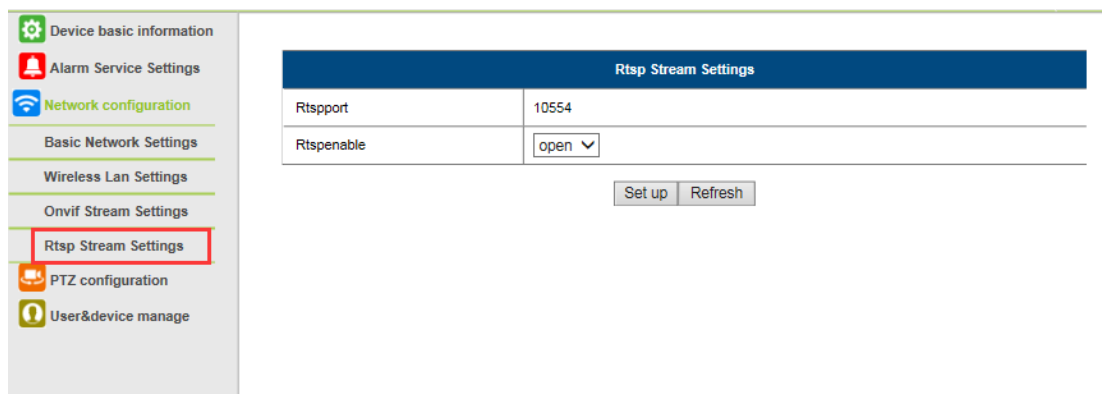
1)Support onvif function and Rtsp function



The screenshot shows the 'Onvif Stream Settings' page in a web interface. On the left is a navigation menu with items: Device basic information, Alarm Service Settings, Network configuration, Basic Network Settings, Wireless Lan Settings, Onvif Stream Settings (highlighted with a red box), Rtsp Stream Settings, PTZ configuration, and User&device manage. The main content area has a blue header 'Onvif Stream Settings' and a table with one row: 'Onvifenable' with a dropdown menu set to 'open'. Below the table are 'Set up' and 'Refresh' buttons.

| Onvif Stream Settings | |
|-----------------------|--------|
| Onvifenable | open ▾ |

Set up Refresh



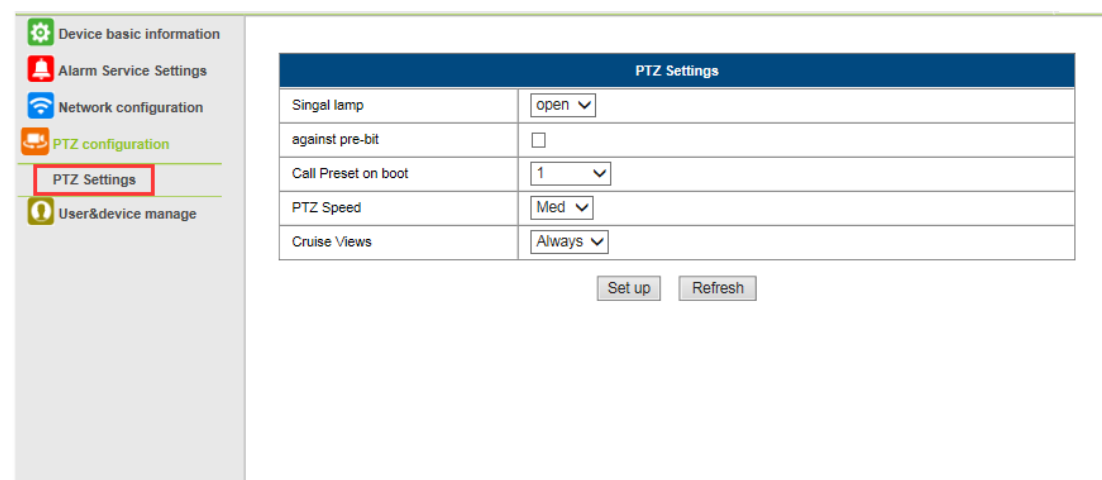
The screenshot shows the 'Rtsp Stream Settings' page. The navigation menu is similar to the previous page, but 'Rtsp Stream Settings' is highlighted with a red box. The main content area has a blue header 'Rtsp Stream Settings' and a table with two rows: 'Rtspport' with the value '10554' and 'Rtspenable' with a dropdown menu set to 'open'. Below the table are 'Set up' and 'Refresh' buttons.

| Rtsp Stream Settings | |
|----------------------|--------|
| Rtspport | 10554 |
| Rtspenable | open ▾ |

Set up Refresh

14.PTZ setting

Through setting to set some PTZ function



The screenshot shows the 'PTZ Settings' page. The navigation menu has 'PTZ configuration' highlighted with a red box, and 'PTZ Settings' is also highlighted with a red box. The main content area has a blue header 'PTZ Settings' and a table with five rows: 'Singal lamp' with a dropdown set to 'open', 'against pre-bit' with an unchecked checkbox, 'Call Preset on boot' with a dropdown set to '1', 'PTZ Speed' with a dropdown set to 'Med', and 'Cruise Views' with a dropdown set to 'Always'. Below the table are 'Set up' and 'Refresh' buttons.

| PTZ Settings | |
|---------------------|--------------------------|
| Singal lamp | open ▾ |
| against pre-bit | <input type="checkbox"/> |
| Call Preset on boot | 1 ▾ |
| PTZ Speed | Med ▾ |
| Cruise Views | Always ▾ |

Set up Refresh

15. User Setting & Multi-Device Setting

1) Modification of the user password

| | User | Password |
|---------------|----------------------|----------------------|
| Visitor | <input type="text"/> | <input type="text"/> |
| Operator | <input type="text"/> | <input type="text"/> |
| Administrator | admin | <input type="text"/> |

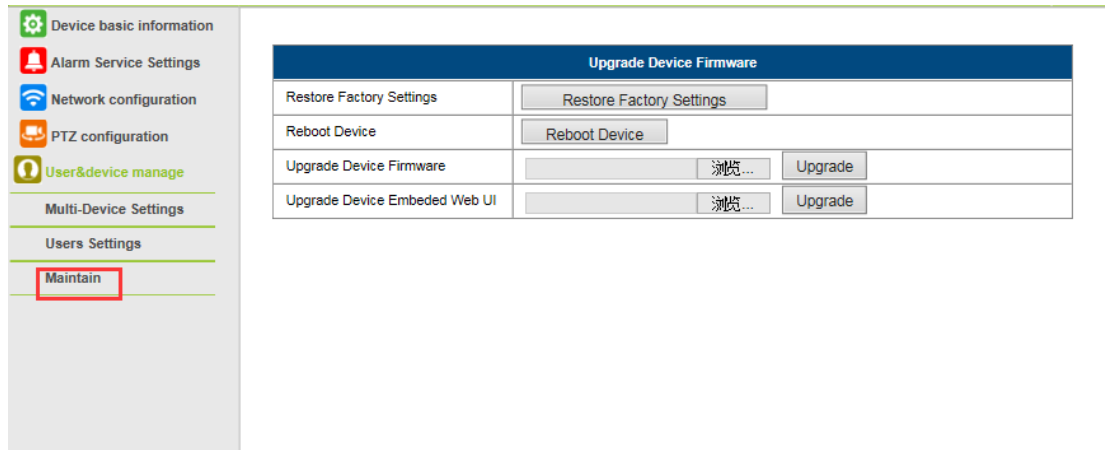
- 2) Refresh the device in LAN search to find add another camera
- 3) Click on “the 2nd device” or any other device
- 4) Click on the LAN equipment added in the search, enter the user name and password
- 5) Click on “Submit”

| Device List in Lan | Device |
|--|--|
| IPCAM(192.168.1.111) IPCAM(192.168.1.167) WIFICAM(192.168.1.172) | |
| | <input type="button" value="Refresh"/> |
| The 1st Device | This Device |
| 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 |

attention: If you want to access the device from internet, be sure the host and port that you set can be accessed from internet.

16.Upgrade Device Firmware

- 2). With this option you may reboot the camera, restore it to the factory settings, and upgrade the system.



17.Access By Mobile

E-View7 App Installation

A. For IOS (iPhone/iPad),download App “E-view7” in App Store;

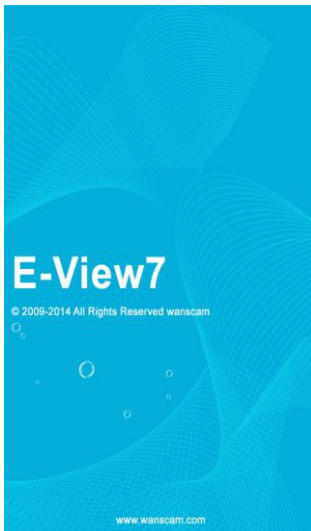
For Android phones, download App “E-view7” in Google Play, our official website or you can get it from CD Path:”JW & HW Series”-”Mobile App”.

B. Also support scan the App QR-code in the user manual to download directly.

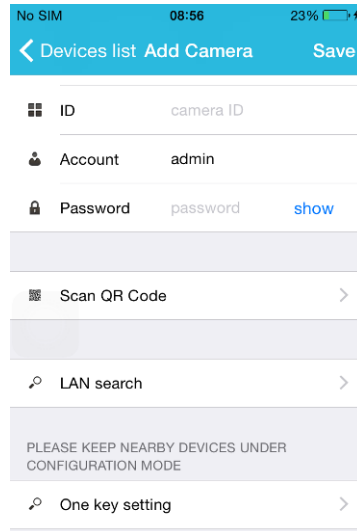
Mobile View

A.Run the App ,please refer to picture 1

B.Add the Camera,please refer to picture 2



1.



2.

Three methods to add IP camera:

Method 1: Input the P2P **ID**, **User name**, **Password** of your camera manually. Then click **“Save”**

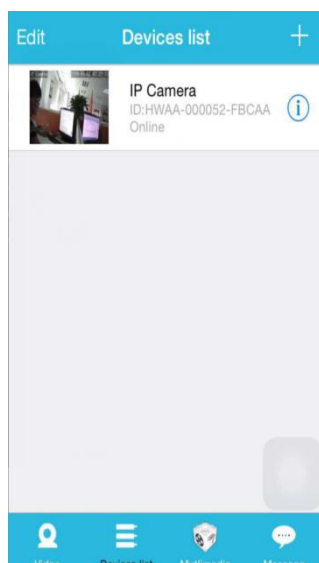
Method 2: Scan the QR code: Click the **“Scan QR code”** button, at the bottom of the camera, there is a label of QR Code, then scan the QR code with your smart phone, it will show the ID, input the user name and password, then click **“Save”**

Method 3: Click **“Search”**, then you will get the local camera list in your phone. Choose the camera which you want to view, input the user name and password, then click **“Save”**

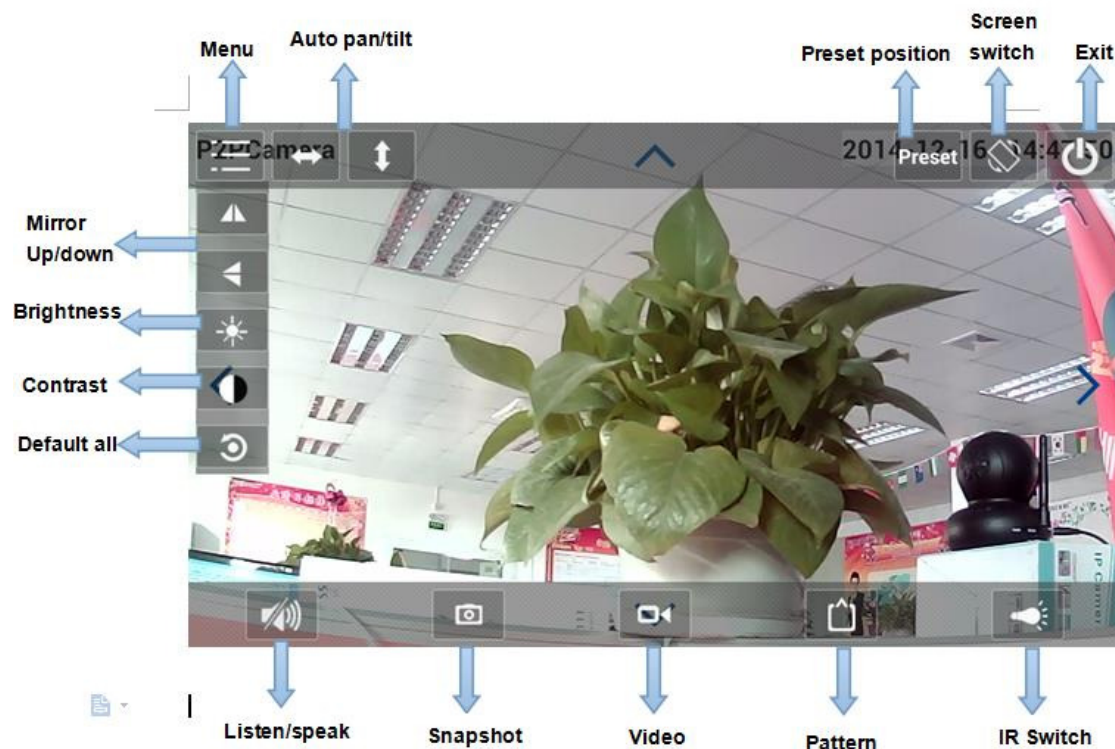
Method 4: Click **“One key setting”**, enter the correct SSID and Password, Click **“start Configuration”**

The operation interface:

A. Device List



B.Live video



7.FAQ :

A.Forget the password

1)Reset your camera, you should press the RESET button for 10 seconds when the power is on(for indoor camera,it's on the bottom of the camera, for outdoor camera , the white reset button is at the end of the power cable).

2)Finishing reset, the camera will restore to factory settings, the user name is"admin"and password is none.

B.No video shown on browser only black screen

Note:If there is still no live video after run OCX ActiveX,please try to enable the ActiveX options of IE security settings, please do the follow steps:

1. Close the firewall of your computer.

2. Change the ActiveX settings, “IE” browser > “Tool” > “Internet Options” > “Security”>

“Custom Level” > “ActiveX control and Plug-ins”, all the ActiveX options set to be

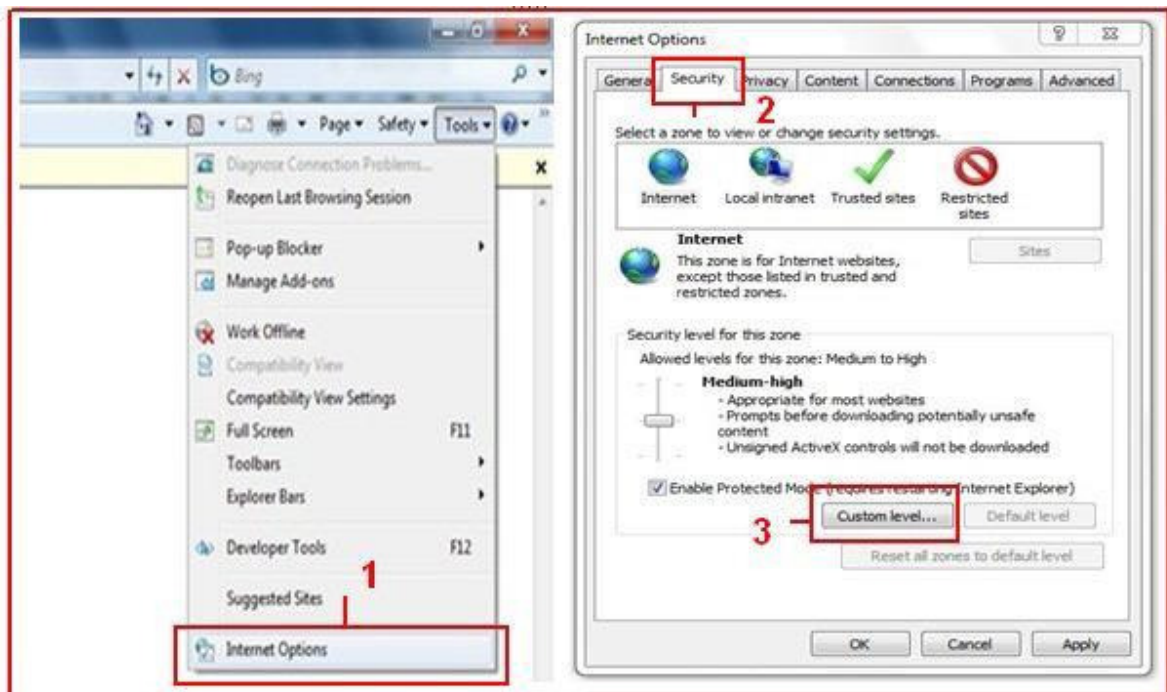
“Enable”:

Especially:

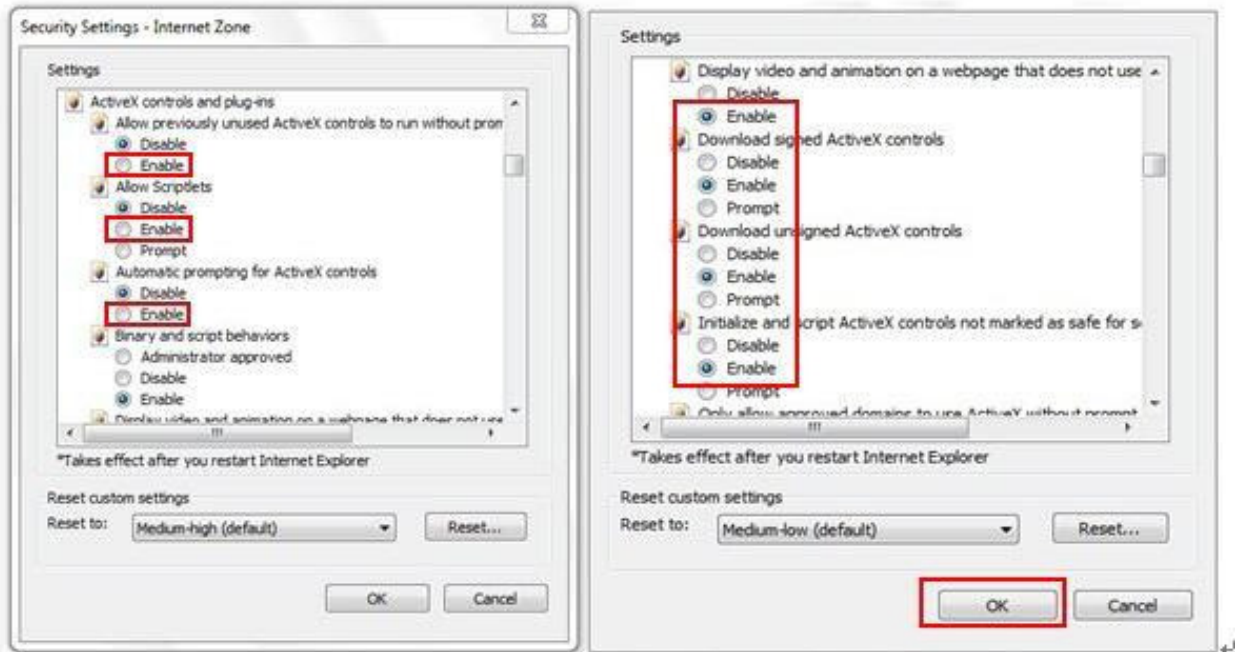
Enable:Download unsigned ActiveX controls

Enable:Initialize and script ActiveX controls not marked as safe

Enable:Run ActiveX controls and plug-ins



a.



b.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.