**Intelligent HD Spherical Camera**

**CamHi Quick Guide**

Dear users, welcome you in selection of this product. Before usage, please read the operatingmanual in details, and preserve the operating manual for subsequent reference.

**I. Main function description( ★ is the function of equipment configuration.）**



**II. Mobile phone APP downloading**

Search the "CamHi" in mobile phone application store, then download it

Download APP by scanning the following QR code



**III. How to add the camera**

**Warm Tip**: This product only supports 2.4 GHZ WIFI. Before adding devices, make sure that your router is 2.4 GHZ WIFI, and your mobile phone is connected to 2.4 GHZ WIFI.

First, connect the camera power supply. After about 40S, you will hear the device tinkling sound. If you do not hear the tinkling sound, please press RESET 10S at the device base. If the equipment does not have audio, please judge by time.

**Note**: 1. Please use the power adapter matched with the camera to avoid damage to the equipment.

2. Don't plug in wiring for power-on equipment; (After plugging in wiring, you can't configure WIFI with one key)

3. One-click configuration WIFI only supports some models, and some models do not support one-click configuration WIFI.

1. Firearms, ball machines and other models use connection hotspots to configure WIFI. See AP connection operation instructions for details.

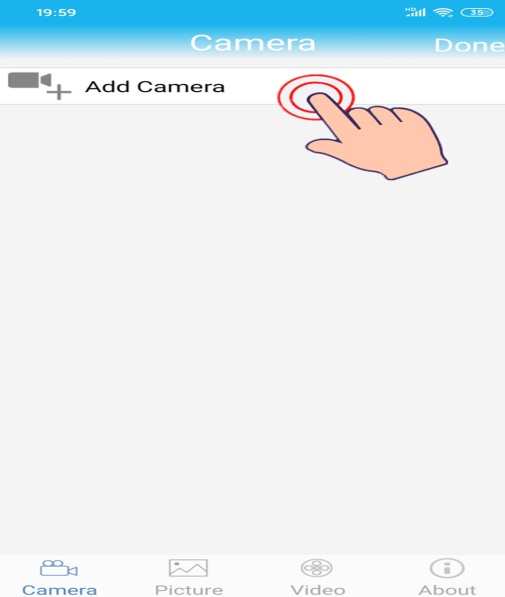
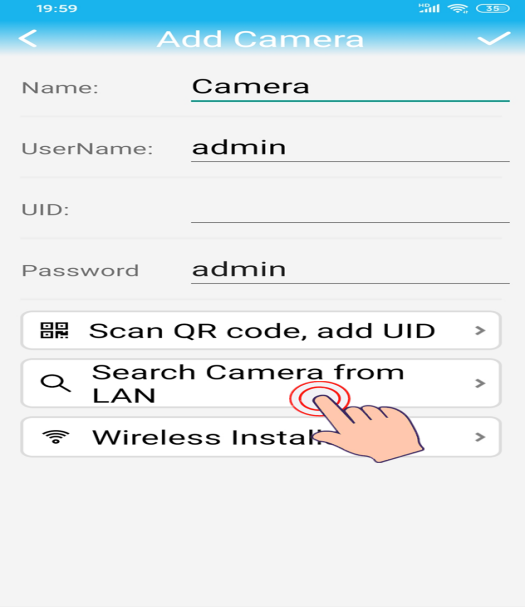
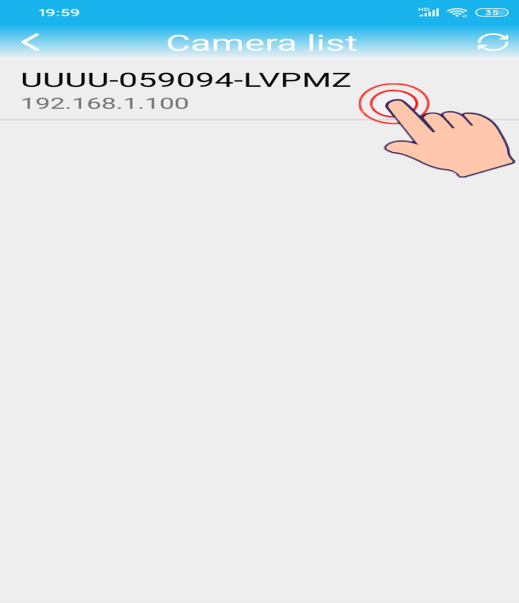
**1. Wired connection (only applicable to the equipment with internet access)**

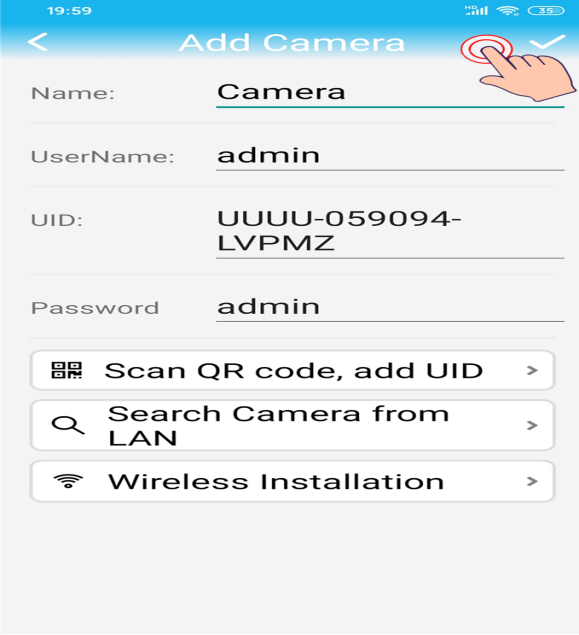
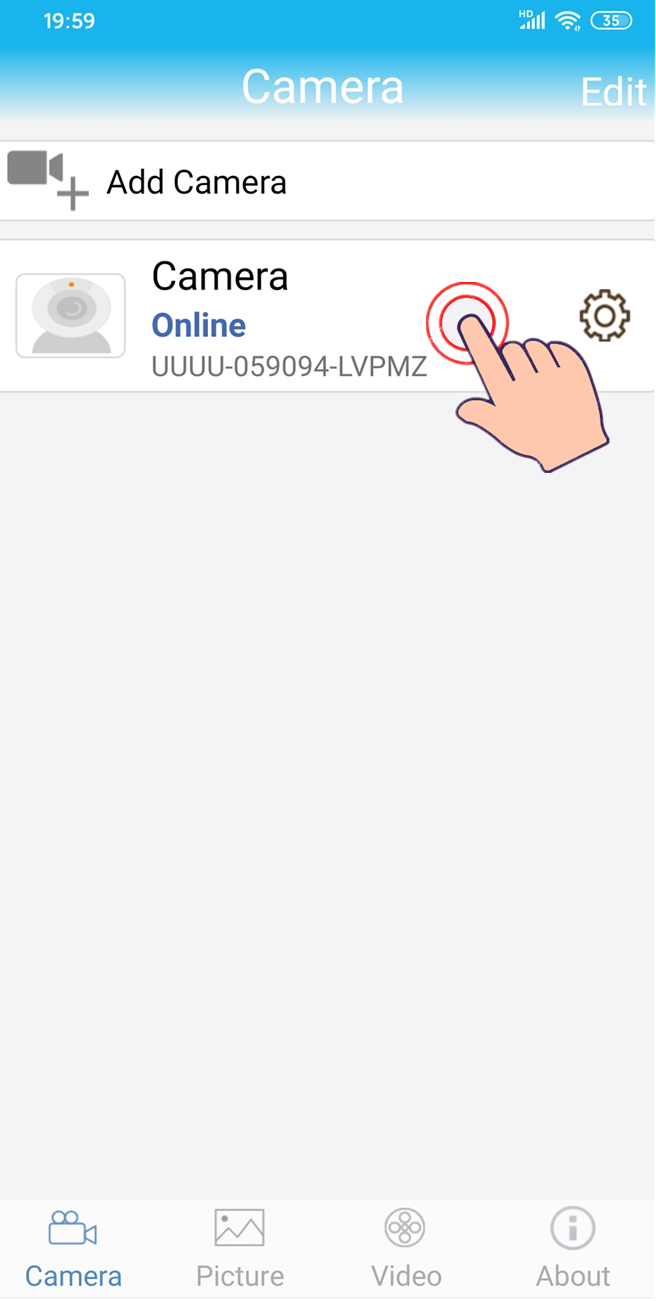
(1) Please connect the network cable and the equipment cable interface. The other end of cable connects the router, and the camera is on, waits the startup and completes the self-inspection (If you fail to self-check, please press the recovery key for a long time to restore the factory settings.).

(2)Click "add camera" on APP's main interface to select "add UID by scanning QR code" (QR code above XXXX-XXXXXX-XXXXXX out of the machine body) or "LAN search UID" after the mobile phone connects the WIFI.

(3) Click the model xxxx-xxxxxx-xxxxx of camera occurred in the camera list.

⑷ Return to the camera list by clicking "√", then the camera is displayed online, and conduct the preview by clicking the camera.

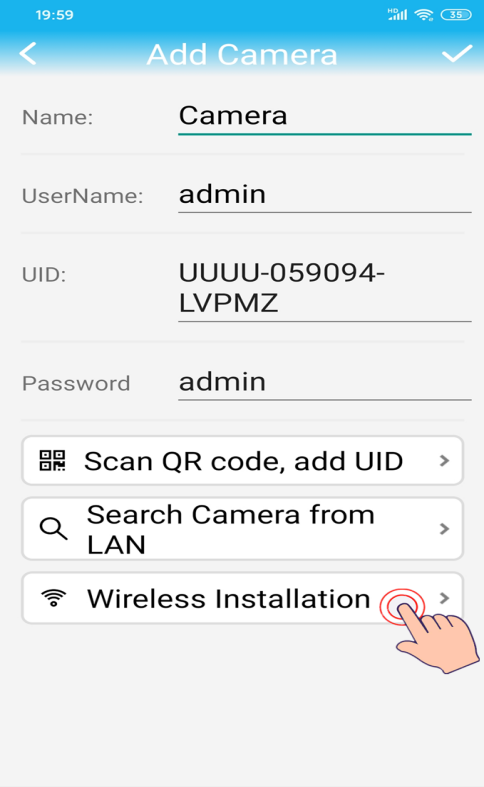
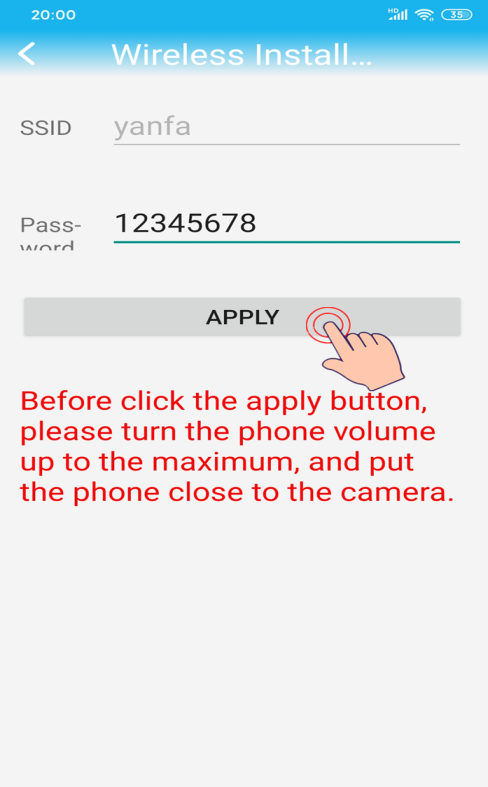
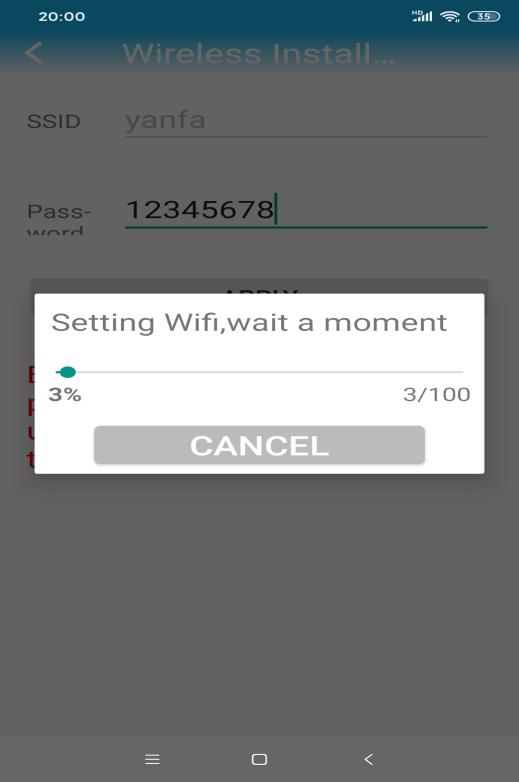
**2.Wirelss Installation(only for devices with WIFI modules)**

After installing the mobile phone software, the mobile phone connects to WIFI, clicks Add Camera > Wireless Installation > Enter WIFI Password > Do you hear the sound? The system will be equipped with WIFI if it has been selected properly. When the WIFI configuration is successful, there will be voice prompt. (If you don't have audio equipment, please see the picture prompt)

(1) Network Camera in Network; Select the corresponding UID

(2) Enter the camera password (the default password for the camera is admin).

(3) Click the completion button in the upper right corner to complete the addition of the camera.

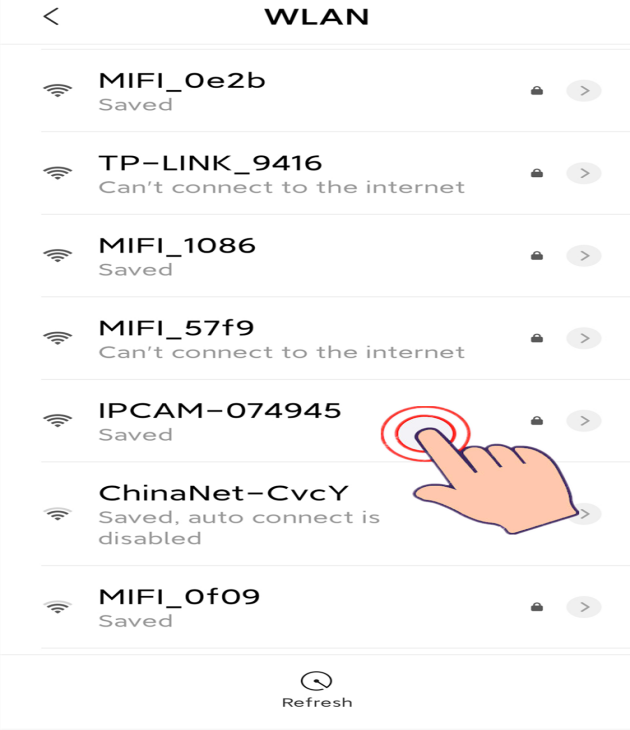
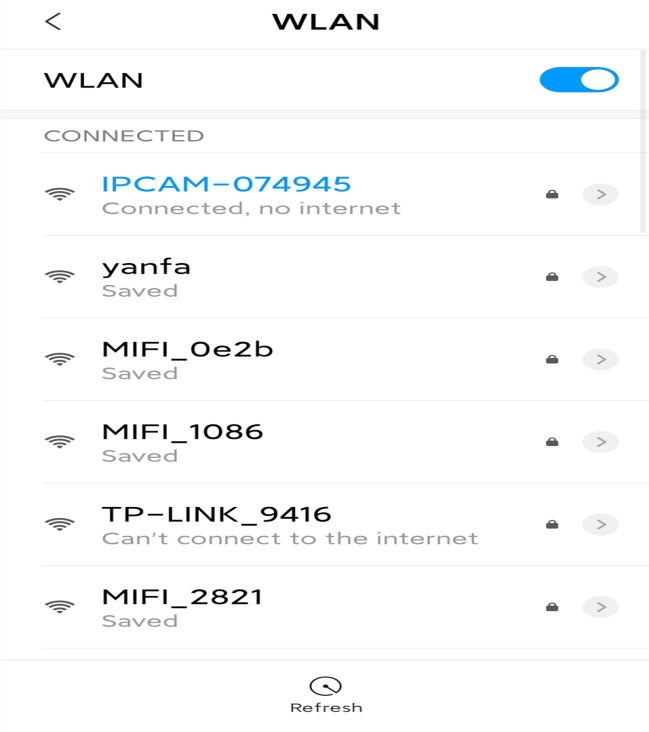
  

**3. Hot-spot connection (only suitable for devices with WIFI modules)**

(1) The camera is powered on and waits for the completion of the self-inspection (if it fails to do so, press the recovery key for a long time to restore the factory settings).

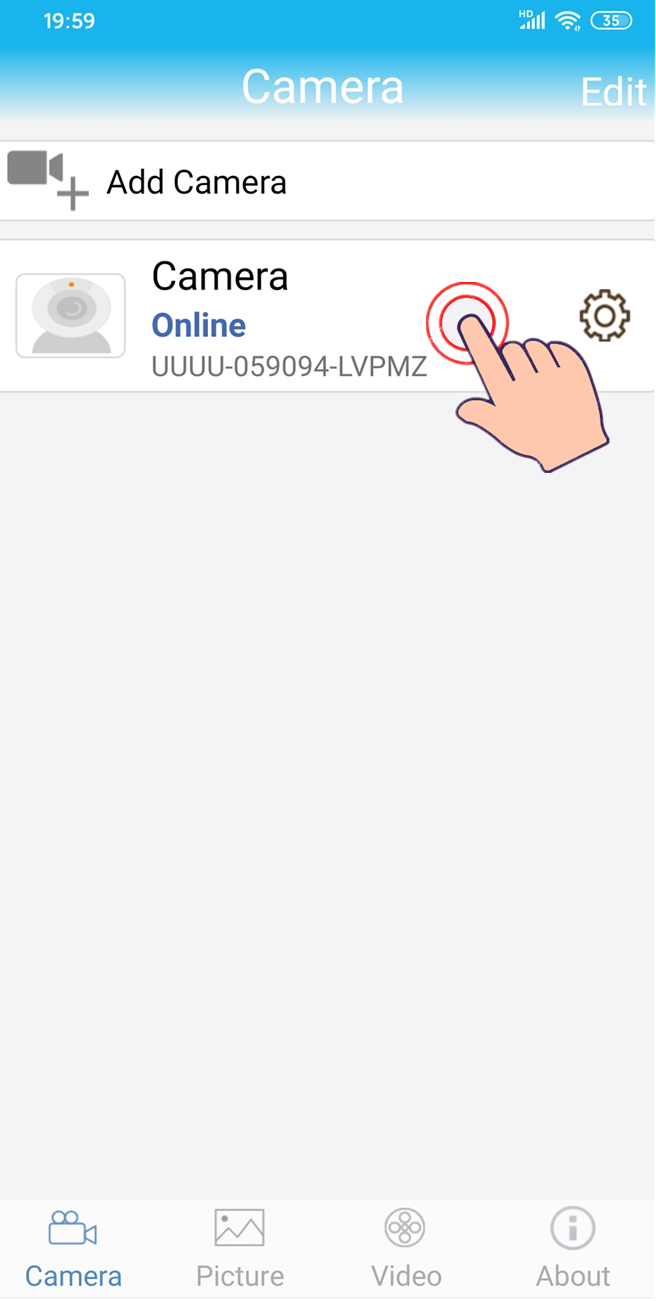
(2) Open the WIFI search, choose the name of WiFi beginning with IPCAM-xxxxx, and enter the original password 01234567 (if you change your password, enter your modified password) as follows:

(3) After successful connection, the method of use is the same as that of wired connection.

**4. 4G Connection (only for devices with 4G modules)**

(1) 4-G hot spot connection is shown below. After completing the 4-G hot spot wireless connection, the second step of Anzhao wired connection method begins to connect the device, close WiFi, open data flow, click on the device to connect, or scan the serial number of the fuselage (SN two-dimensional code above the fuselage) to connect, click on the camera to preview, such as Figure:

**IV. Function introduction**

**① Introduction to real-time preview interface**



**1.Mirroring inversion + picture reversal 2.Lens zooming-in+ zooming-out and focus**

**3.Setting and invocation of presetting bit**

**4.Camera mode (infrared mode +full-color pattern + intelligent model)**

**5.Off 6.Sound opening and speech pattern 7.Quick photo 8.VCR 9.HD model**

**② Cloud deck and presetting**

1. Cloud platform control

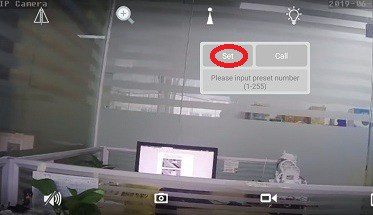
⑴ Click the sliding screen on the real-time watching interface to control the camera rotation.

2. Presetting

⑴ Click the presetting icon and enter the presetting management interface.

⑵ Add the presetting: Several presetting could be added with the limit of 255.

⑶ Delete the presetting: Edit the set presetting by clicking.





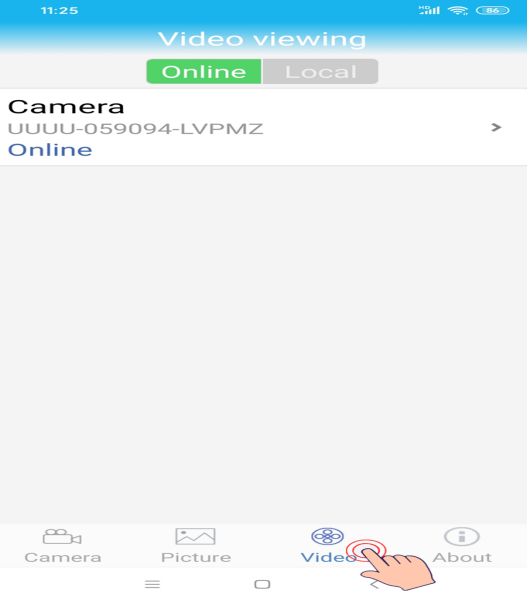
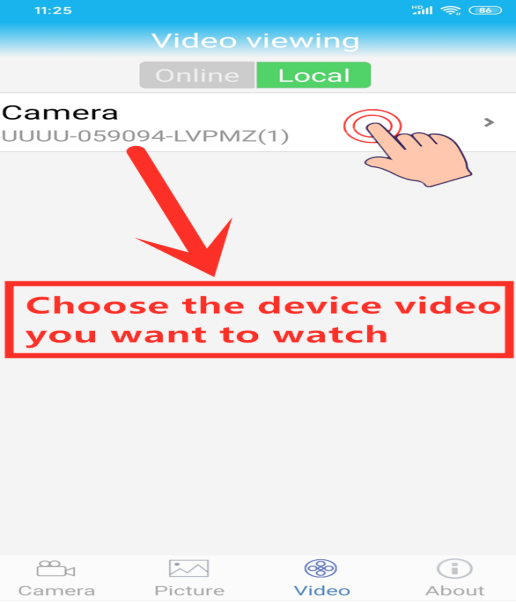
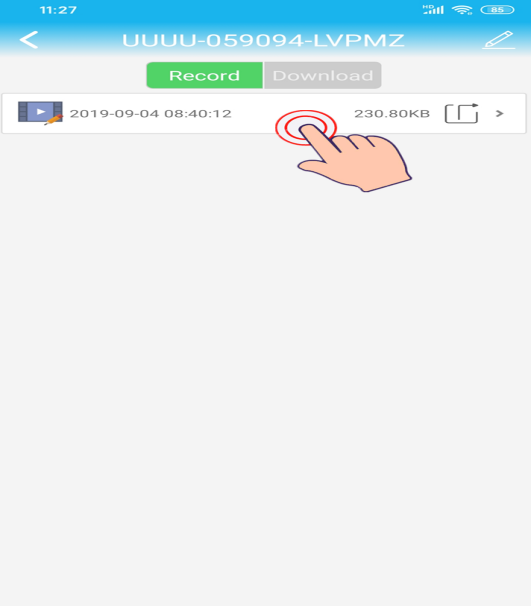
**③The preset shortcut command table**

|  |
| --- |
| Function and mode of operation |
| Camera Universal Address 255 |
| Enabling Cruise Line to Call Preset No. 71 |
| Cruise Reserve Stays for 4 seconds and Calls Reserve 75 |
| Cruise Reset Stays for 8 seconds and Calls Reset 76 |
| Cruise Reserve Stays for 10 seconds and Calls Reserve 77 |
| Cruise Reset Stays 15 seconds and Calls Reset 78 |
| Cruise Reserve Stays for 20 seconds and Calls Reserve 79 |
| Setting the left limit A to call the 91 preset |
| Setting right limit B to call 92 preset |
| Enabling A and B two-point scanning to invoke preset number 93 |
| Clear A and B Scan and Call No. 94 Preposition |
| The scanning speed of point A and B calls the preset position 65, 66, 67 and 68, and the corresponding speed is 5, 10, 20 and 30 degrees per second. |
| Clear all preset bits and call No. 60 preset |
| 360 Degree Cruise (some models are applicable) Call No. 99 Preset Position |
| Forced lights off (some models are applicable) call No. 88 preset |
| Forced turn-on lights (some models are applicable) call No. 89 preset |
| Automatic control lamp switch (some models are applicable) call No. 90 preset position |
| Restore the factory to call the No. 96 preset |

**④Video playback and Download**

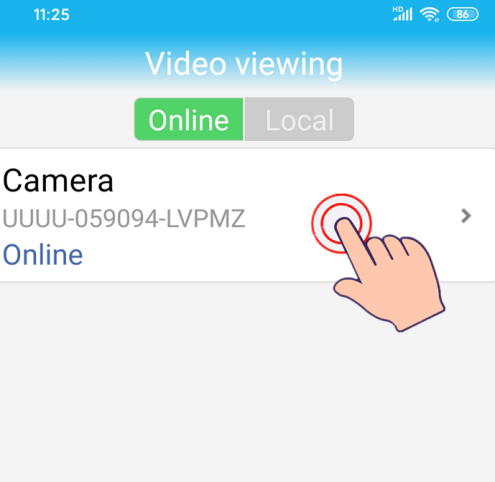
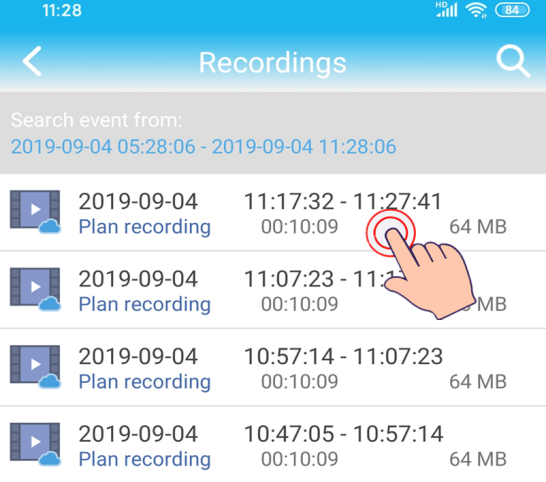
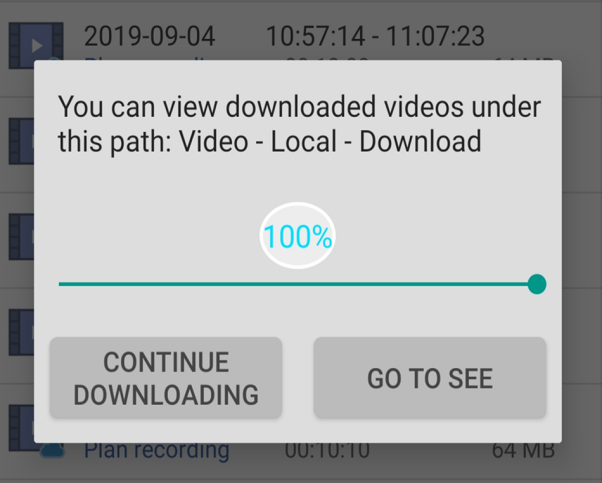
Warm Tip: To watch and download remote videos, SD cards need to be inserted, while local videos are saved in the APP installation device.

**1**. Select the local or remote video to play, and control the playback speed. For example, select the local video, as shown in the figure:

**2. Remote Video Download**

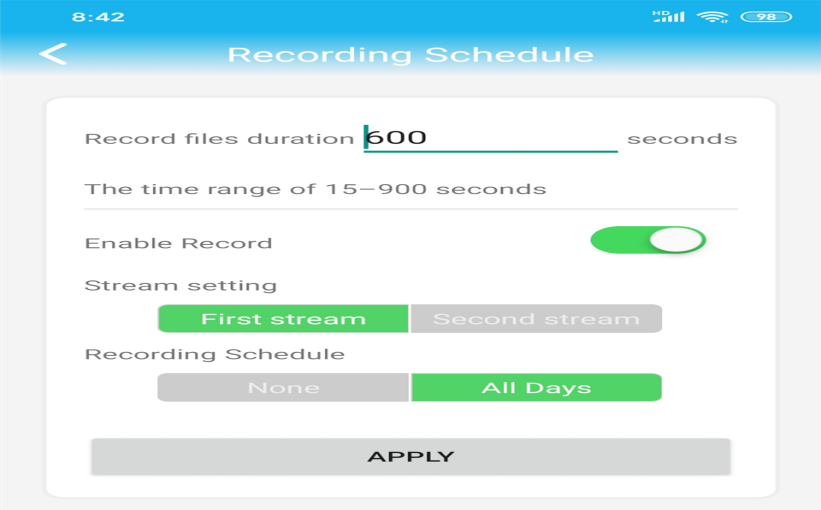
Click on the video file in the video list interface, then click on download, the video file will be downloaded automatically. The downloaded video file will be saved in the local video-download interface. After the video download is completed, you can click on continue to download, continue to download other video files, or click to view, and automatically jump to the download record. Like an interface.

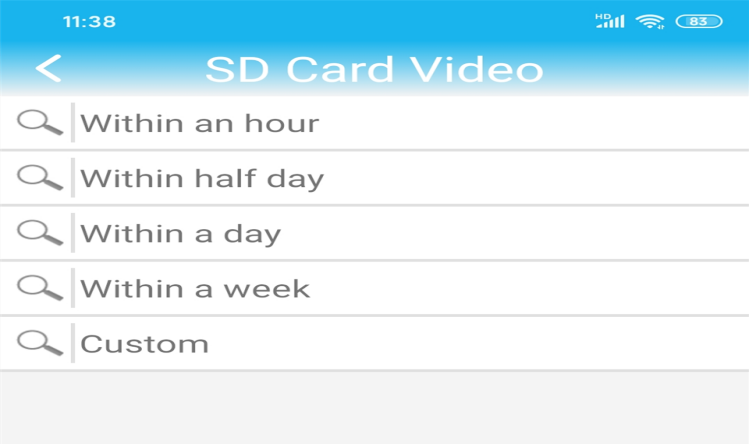
  

**3. Remote Video Search 4. Recording Schedule**

In the video list interface, Search options are available to Video file length: 15-900 seconds can be set, default is 600 seconds.

select the video search range as needed. Note: Set the setting range on the reference software interface.

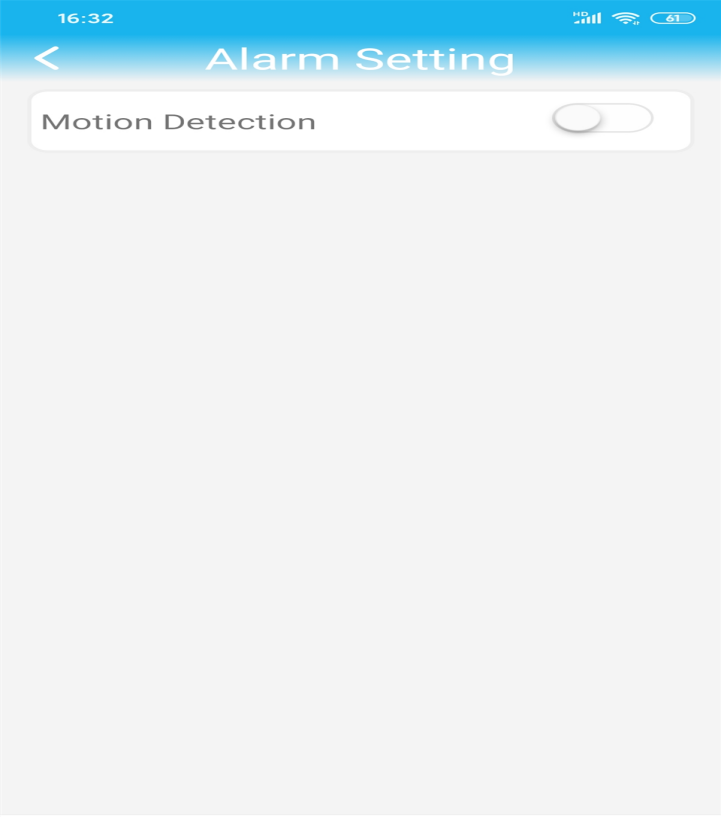
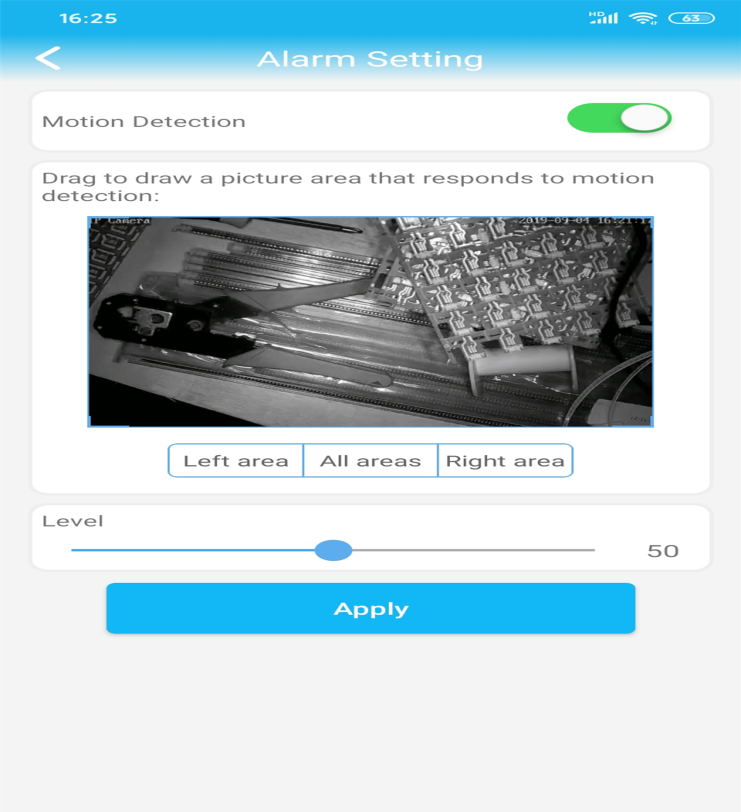
****Note: Some models only support 15-600 seconds.

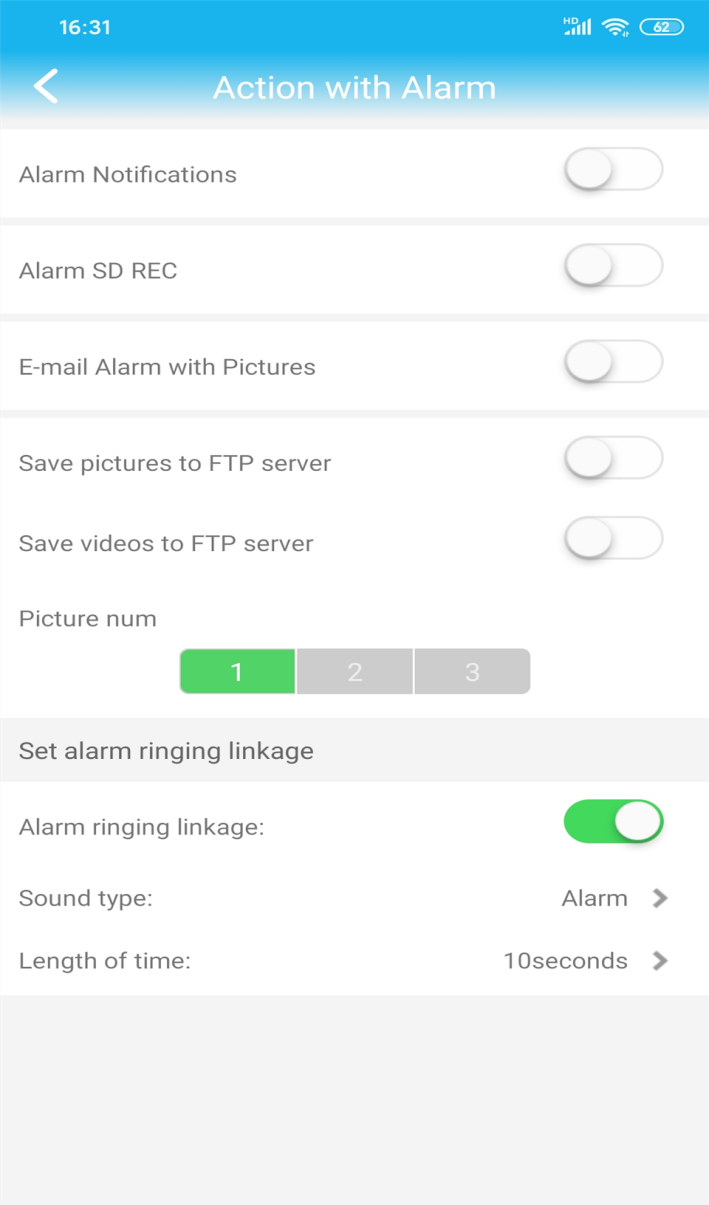
****

**⑤Alarm Setting**

**1.**open the Alarm Setting

**2.**The Level settings; High: Sensitivity value is more than 75; Medium: Sensitivity value is about 50 low: Sensitivity value is less than 25.

 ****



**⑥Action with Alarm**

**1.Alarm Notification**

Choose to turn on, indicating that the alarm will

send a push message to the mobile phone.

**2.Alarm SD REC**

Select Open to Save Alarm Video to SD Card

**3.E-mail Alarm with Pictures**

Select to open, indicating that the alarm sent pictures to

the designated mailbox

**4.Save pictures to FTP server**

Select Open to save alarm pictures to designated FTP server

**5.Save videos to FTP SERVER**

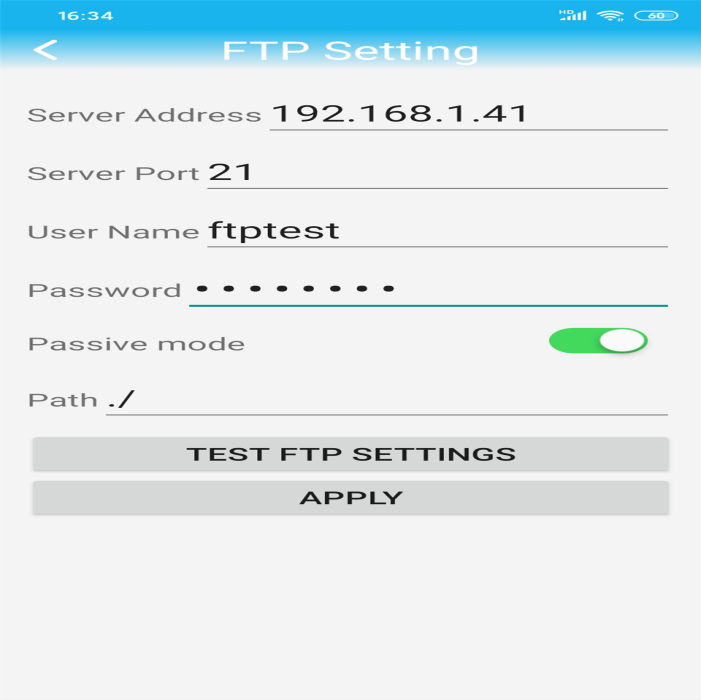
Select Open to send alarm video to designated FTP server

**6.Picture num**

Picture capture number 1-3 can be set up (part of the model support)

**7.Set alarm ringing linkage**

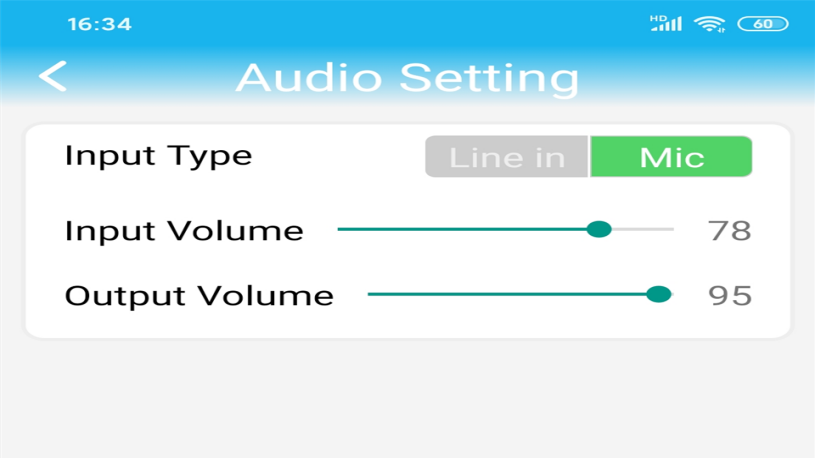
Choose to turn on, indicating that the camera will give an alarm sound when alarming, the type of sound, the duration of the call can be selected (part of the model support)

**⑦FTP Setting**

1. **Server Address**：Fill in the erected FTP address.
2. **Server Port**：Fill in the port of FTP.
3. **User Name** and **Password** Fill in User Name and Password Setted in FTP Server.
4. After filling in, click the **APPLY**; finally, you can

click the **TEST FTP SETTOMGS** to check whether you can send

the picture to the FTP server.

**⑧Audio Setting and Video Setting**

1. **Audio Setting**

⑴Linear input and microphone input settable.

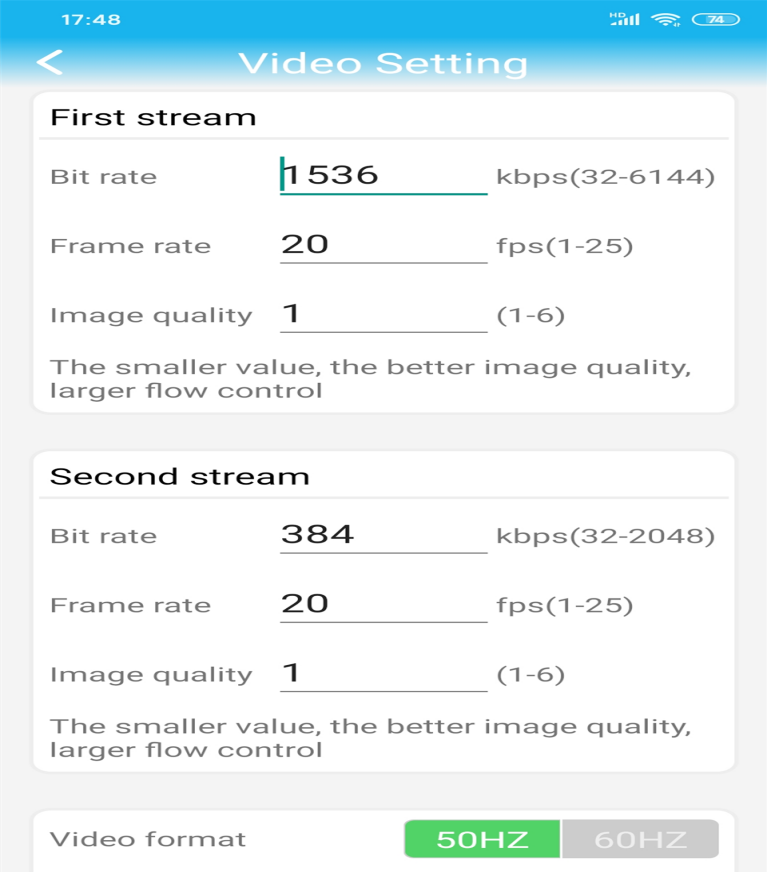
⑵When the audio input type is microphone input,

the input volume and output volume are 80 and 95,

respectively, and some models are 14 and 9.

⑶When the audio input type is linear input, the input

volume and output volume are 10 and 95, respectively.

1. **Video Setting**

**⑴Bit Rate**

The rate of the first bit stream and the second

bit stream of the device can be customized.

**⑵Frame rate**

Frame Rate of First and Second Bit Streams

of Customizable Devices.

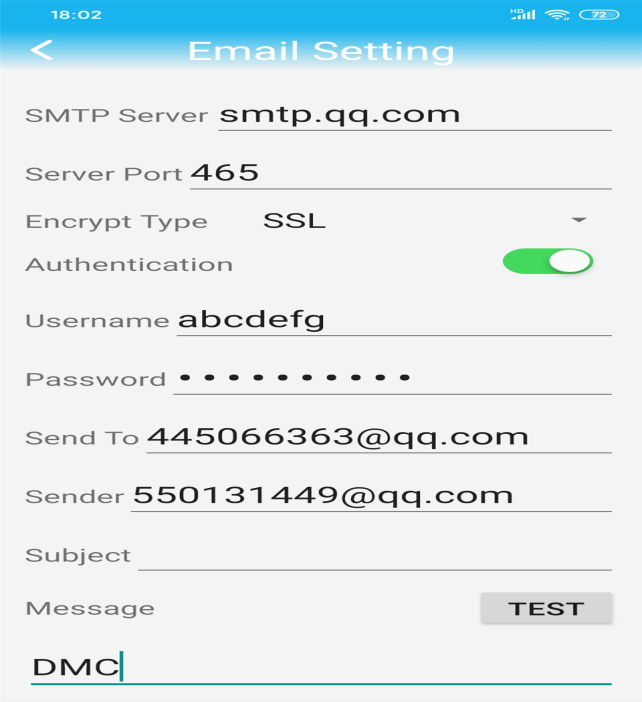
**⑶Image quality**

1-6 can be set, default is 1, the smaller the value,

the better the image level, the larger the bit stream.

**⑷Video format**

50 Hz and 60 Hz settable.

**⑨Email Setting**

Send e-mail to QQ e-mail as an example:

1. Smtp Server: smtp.qq.com

2.Server port: 465

3.Encrypt Type: SSL

4.User Name and Password Fill in QQ Account and Authorization Code

5.Send To: Mailbox for Receiving Alarm Pictures.

6..Sender : Sender's mailbox address, here is QQ mailbox, for example.

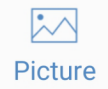
QQ mailbox address should be filled in; (same as user name).

7.Subjects and information can be filled in at will.

8.After filling in, click the application button, and finally click the

test button.Check if you can send an alarm message.

**⑩Local Picture**

1.Click on the icon and enter the local picture sub-ID of the

picture playback interface to save the click Edit to delete the picture.

2.Select the image you want to delete and click theQQ截图20190904182031 button.

**⑪ Camera Setting **

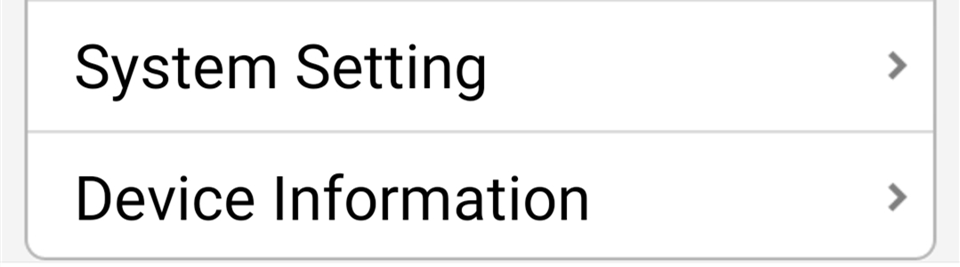
****

Restart the camera, recover the factory resetting, and conduct the inspection and updating. ((part of the model support)

Amend the camera's time zone and time

The total space and available space size of SD card can be obtained, and SD card can be formatted.

Amend the camera to check the password camera time zone

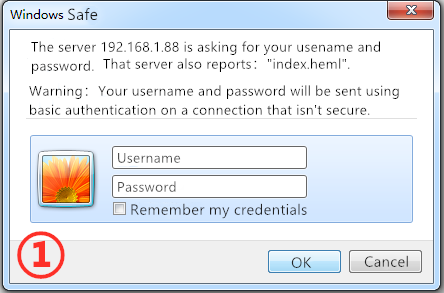
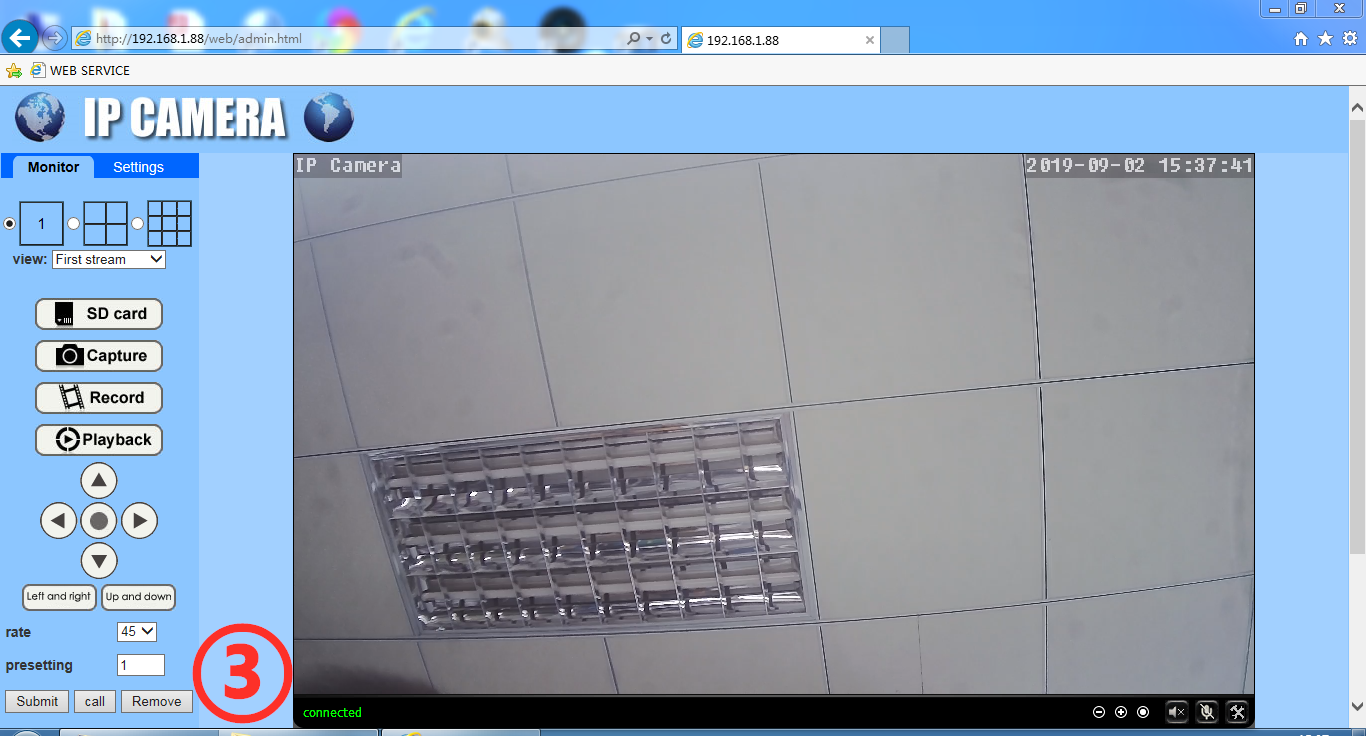


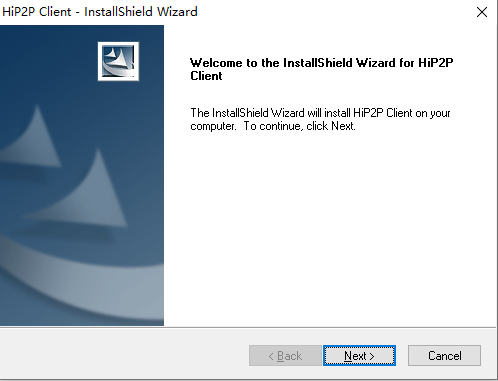
Check various information of camera, such as version information, etc.

**V. IE Connection**

1.Connect the network cable with the equipment network interface, connect the router or computer at the other end of the network cable, and power the camera on for start-up and self-check (If you fail to self-check, please press the recovery key for a long time to restore the factory settings.).

2.Open browser input IP address 192.168.1.88, pop-up prompt box, user name: admin, password: admin. (Computer network segment must be 1)

**Ⅵ、Client Connection and Simple**

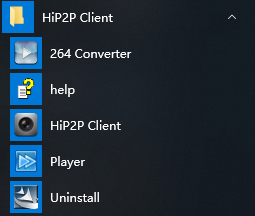
**Use Instructions**

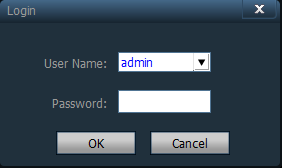
**①**Double-click on the installation package and pop

up the following interface:

After selecting the installation path, click Next to complete the installation.

After installation, the following icons will be displayed on the desktop:

Display the following interface in the program bar：

**②Detailed login and description of client**

[Login]The default password of admin is empty when login. Click

the "Confirm" button directly to enter the client's main interface.

[Exit] Only admin-privileged users can exit the client, and users

with user and guest privileges can not exit the client.

When you exit the client, you need to enter the user name and

login password of the administrator's authority to exit the client.

**③Software Interface Description**

**1**

****

**6**

**5**

**4**

**3**

**2**

**As shown in the figure above, the software interface is mainly divided into six blocks:**

1. **System Button 2.Label 3.Equipment List**

**4.Real-time Preview 5.PTZ 6.Alarm Information List**

**④System Button**

**** Help button, Click to open the client instructions. **** Hide the button and click the software to hide in the system tray.

 Maximize the button and click on the software to cover the entire screen. ****Exit, click the software to pop up the exit prompt.

**⑤Label**

**** **One-click Add Device**

**Logo**

**Click Switch to Video Playback Interface**

**Click Switch to Config Interface**

**Click Switch to Remote Video Playback Interface**

**Click to switch to the image preview interface**

**Click Switch to Log Operating Interface**

   **Click Exit Client**

**Log-off and Switch-over Users**

**⑥Equipment List**

**[List mode] Display areas, settings and channels at the user-configured list level.**

**[Current Screen] Displays devices connected to the current screen, only in list mode.**

**⑦Real-time Preview**

Electronic enlargement button, click and draw an area on the screen with the mouse, then enlargement of the area can be achieved.

 Speech talk button, select the window that needs to be opened and click the talk button, the window status bar will be displayed, which can realize voice talk. At the same time, only one set of voice talk can be opened.

  Sound monitoring button, click Open Sound Monitoring, the window status bar will show , click Close Sound Monitoring again, at the same time, you can turn on the sound monitoring of multiple devices.

 Video button, select the window that needs video recording, click the video button to open the manual video, the window status bar will be displaye,and click again to close the manual video.

 Picture capture button, after selecting the window that needs to capture the picture, click the capture button to capture the picture. If you click the capture button continuously, you can capture up to two pictures in one second.

 Multi-screen selection button, after clicking, you can select multi-screen image display, you can choose 1, 4, 6, 8, 9, 16 pictures.

 Full screen display button. Real-time preview area can be displayed in full screen after clicking.

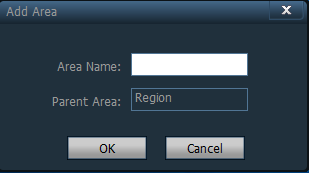
 The alarm information list shrinks or expands button, click the alarm information list shrinks, and then click the alarm information list expands.

### **⑧Device Addition**

Before operating with client software, devices need to be added and configured. Click on the "Config" button in the label bar to enter the device management page.

**[Add List]**

**1.** When the software is running initially, the list is empty . Click on the "Add Area" button and pop up the "Add Area" dialog box.

After filling in the name in the area name column, click OK to add an area to the list tree. Because the area added is the first area, the area does not exist, that is, the area belongs to is empty.

Note: At present, list trees can add up to 128 regions

****

**Click and search for LAN devices**

**Select all devices in the search list**

**Add the searched device to the selected area**

**Delete the selected device**

**Click to pop up the Editing Device Dialog Box**

**Manual addition of device serial number**

**Delete the selected area**

Add an area to the device list

**Modify the name of the selected** area

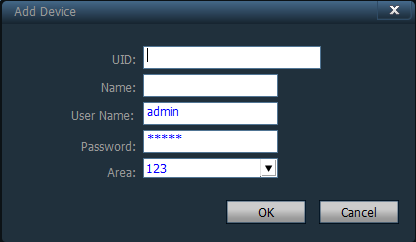
**[Adding equipment]**

**1. Intranet Search Add Device:**

Click the search button, then the client will search out all the devices in the LAN, then select the device to be added in the search list, select the area and then click the button to 12add the device, then the selected device can be added to the area.

**2. Manual addition of equipment:**

Click the11 button to pop up the Add Device dialog box, as shown in the following figure：



**[UID]**  Device UID code, each device has a different UID code

**[Name]** The name of the device can be customized. The name of the device can be inputted in up to 30 byte. (Note: After entering the name, only the name of the device is displayed on the list of devices in the preview window, and the UID of the device is not displayed.)

**[Username]**  Username of the device, default admin.

**[Password]** The login password for the device, admin by default.

**[Aera]** The area displayed by the device.

Fill in the required information and then click the confirmation button to complete the equipment addition.

**⑨Image Preview**

**1.** **⑴**After configuring the device, click on the "preview" label in the label bar to return to the main monitoring interface. The device list is displayed by default in the form of a list tree. Clicking on the "grouping" and "list" on the device list can switch the display of grouping and list information.

**⑵** The default display screen is 4-screen segmentation display, which supports 36-screen segmentation.

**⑶** When the maximum picture is segmented, there are 16/25/36 three kinds of picture modes. The higher the picture is, the performance of the host will be improved accordingly. For 25 or 36 picture display, it is recommended to use I3 CPU or more, independent graphics card.



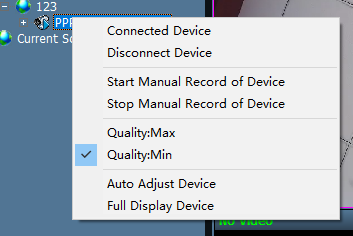
1. **Display screen description:**

17Indicates that the channel has no device connection, and if connected, the OSD information of the device will be displayed.

：Talk-to-talk status, when icons become,It means that the channel is talking, otherwise the channel is not open.

:Monitor status, when icon becomes,Indicates that the channel is listening, whereas the channel is not open for listening.

：Video status, when icons become，Indicates that the channel is being videotaped manually,when the icon becomes,Indicates that the channel is planning video.

1. Double-click the device UID or name in list mode, double-click the UID or name, or drag the UID onto the window to display the image. (When the device is not connected, it shows off-line status.) After the device is connected, a blue triangle is displayed on the UID or name. If the device is displayed, it indicates that the device is not connected. If the device is displayed, the channel is ****being videotaped.
2. **Right-click any area and pop up as shown in the right figure:**

**[Connected All]** Equipment that connects selected areas.

**[Start Manual Record of Device]** Turn on manual video of selected area equipment.

**[Stop Manual Record of Device]** Stop manual video of selected area equipment.

**[Quality]**According to different network environments: HD and fluent choice of

different painting quality.

**[Auto Adjust Device]**Selected area equipment, automatically adjust the proportion

of screen display.

**[Full Display Device]**The selected area device displays the image according to the

size of the segmented screen.

**Note: When the image is stopped, the device is still connected. If the device has started**

**the video recording function, the device will still keep the video after the stop of the display.**

**⑩P.T.Z**

**1.** The rotation of the platform can be controlled in eight directions by the direction key, and the rotation speed of the platform can be selected by dragging the sliding bar, "-" means that the rotation speed of the platform is slower, and "+" means that the rotation speed of the platform is faster.

 **Aperture enlargement button, need lens support to be effective.**

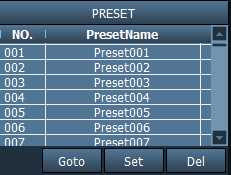
 **Aperture reduction button, need lens support to be effective.**

 **Focal Length Button，need lens support to be effective.**

 **Focal Length Reduction Button，need lens support to be effective**.

 **Focus front button，need lens support to be effective.**

 **Focus post button，need lens support to be effective.**

1. **PRESET**

**⑴**The client can support 256 preset points. How many preset points can be used?

Please check the number of preset points supported by the camera.

**⑵[Set]** Select the window that needs to set the preset point, then select the number of the

preset point, click the "**set**" button, and the preset point is set successfully.

**⑶[Goto]** Select the window that needs to call the preset point, then select the number

of the preset point, click the "Goto" button, and select the preset point setting

before calling.

**⑷[Del]** Select the window that needs to delete the preset point, then select the preset point

that needs to be deleted, and click the "Del" to delete the preset point successfully.

**Ⅶ、Video recorder connection**

**The connection of the VCR should be operated according to the instructions of the VCR you bought.**

**Ⅷ. Common problems**

**①. Isn't the equipment added in the cable connection method?**

⑴ Please ensure the equipment has recovered the factory settings before adding the equipment, Long-press the key reset till the voice prompt is issued.

⑵ The camera couldn't obtain IP. Please confirm the quantity of internet equipment hung on the target routers is within the reasonable scope, otherwise, please reduce the quantity of mounted equipment or reattempt after restarting the router.   
**②. AP connection mode has unsuccessful configuration**

⑴ Wrong password input of wifi

⑵ Plug and unplug the power supply again to restart the equipment.

⑶ Check that the hot spot name is correct.

**③. Why is the TF card inserted? Select the continuous recording or the intermittent recording?**

⑴ Ensure the VCR is checked in SD card. Conduct formatting of SD card at first. If the recording is still intermittent, the SD card may have the dead pixel.

(2) If the recording is lost for one time or two times within one day, and the loss lasts for about 2 minutes, the camera releases the memory for restarting, which is normal.

**④Why can't it identify the TF card?**

(1) First check whether the TF card meets the requirements. If the network is unstable, the TF card will not be recognized either. You can change the video resolution to standard definition to avoid the bad network caused SD card status loading failure.

**⑤. Why can't the phone receive an alarm message?**

(1) First confirm whether the notification push permission of the APP in the mobile phone setting is turned on, and then open "alarm linkage→alarm push" in the notification setting of the APP, and ensure that the current time is not in the scheduled time period of the stop notification.

(2) Under normal circumstances, when the abnormality is detected, a message will appear in the notification bar of the mobile phone, with ringing or vibration depending on the settings of the mobile phone.

(3) When viewing the real-time picture in the APP, the alarm of the camera being watched will not be received, because the system assumes that the user's attention has been concentrated on the monitoring screen by default, and there is no need for an alarm.

**⑥. What should I do if the it shows that the camera is disconnected?**

(1) First confirm whether the power supply and network are normal. If there is no problem, please power off the camera and restart. If it is still disconnected after rebooting, please remove the camera in the APP and add it again.

**⑦. Why the screen display a circle when watching the video screen, and the picture stuck?**

(1) The circle indicates that the video is loading. Please check if the network that connected to the camera and the phone is good.

**Instructions for after-sales service:**

1. Products are subject to physical objects. Instructions are for reference only.
2. Products will be updated in real time without notice. If there are upgrades, please check the official website.
3. The instruction contains the introduction of the basic functions of the product. Users my check the instruction by themselves.
4. If there is any problem in using the camera, please contact the supplier or company in time.
5. We have tried our best to ensure the completeness and accuracy of the contents in the instruction, but some data may still be deviated from the actual situation. If there is any doubt or dispute, the final explanation of the company shall prevail.
6. If you do not follow the guidance in the instruction, you should bear any losses that caused.

**Attention**

1. Please modify the user password while using this product, so as not to be misappropriated by criminals.
2. Do not place the equipment in damp, dusty and places that easily accessible to children.
3. Please use and keep within the allowed temperature range. Do not disassemble the equipment at will.