

# WIFI CCTV CAMERA

**2.5 inch wireless ptz camera**

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## **User's Manual**



Dear users, you are welcome to use this product. Before using this product, Please read the user manual product in detail and follow all operating rules!

# Safety Instructions

- Follow all instructions for safe use of the product and handle with care.
- Camera is rated for outdoor use and it's weatherproof . For indoor installation, camera can be attached to ceiling directly.
- Camera is not intended for submersion in water.
- It's recommended to install under a sheltered environment .
- Attempting to disassemble the product can damage it and thus will void your warranty
- Do not point the camera directly towards the sun or a source of intense light.
- Please use standard DC12V power supply. A non-regulated, non-conforming power supply may damage this product and voids your warranty.
- please make sure the camera installation position of WIFI signal coverage is strong Enough. **Note: the WIFI camera installation position signal is too weak, which will affect the image transmission effect, and the connection is not normal or the image signal is lot.**
- Periodic cleaning may be required. Use clean cotton cloth only. Do not use any liquid except water to clean the dome cover.

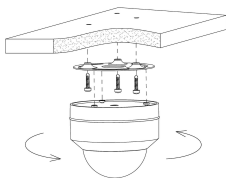
## Featuter

- Mini design riot shell, beautiful appearance; Quick installation structure, easy installation.
- 2pcs Array Led, IR Distance 20M-30M.
- 2.0MP/1080P(1920\*1080); 3X(2.8-8mm)/5X(2.7-13.5mm) optical zoom.
- Support auto focus, AWB and BLC, digital WDR function.
- Adopt H.265/H.264 high profile dual encoding, double stream output.
- Built-in wireless WIFI transport module, IEEE 802.11b/g/n, WIFI network, support AP hotspots.
- TF Card max to 128GB, 24 hours recording, support for local playback.
- Support ONVIF protocol.
- 355° horizontal rotation, 85° vertical range, control speed max 70°/s.
- 128 presets, 1 patrol tracking routes, 1 left and right limit scan, 1 auto level scan.
- Support power off memory function.
- Protection grade IP66.

# Installation machine description

## Ceiling mounting installation instructions:

1. Drill a hole on ceiling, ensure camera cable can pass through;
2. Install the middle fast mounting plate to ceiling firmly;
3. Screw in the 3 flat head screws to camera base and pass the rear cable through the hole;
4. Align camera base to the fast mounting plate, clockwise rotating to fasten it.as right shown follow:



## Wall mounting installation instructions

Pass the camera cable through the center of the bracket,align the camera base screw with the hole of the quick mounting plate,and rotate clockwise to fix.Open holes on the wall according to the hole position.As shown follow:



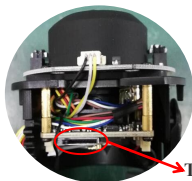
## Tf card card instructions:

Unscrew the cover dome from the anti-clock ditionction (picture 1), Gently move the lens to a 90 degree vertical position,Find the slot of TF card and insert TF card into the slot according to the direction of lens (picture 2); After that, tighten the cover dome clockwise.



**Unscrew the camera cover anticlockwise**

(picture 1)



**TF card slot**

(picture 2)

# Mobile phone connection method:

## Mobile APP installation

Make sure the phone is connected to the network (4G/wifi), scan the QR code of the corresponding mobile phone system below, download the mobile app to install, or search for CamHi directly in the application market.

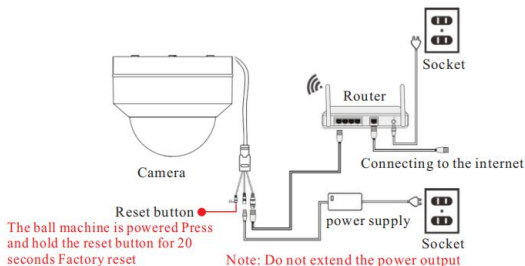


Apple / Android client QR code

## Method 1: The camera is connected through the network cable.

### 一、 Camera connection diagram

1. First plug in the network cable, the network cable needs to be connected to the router connected to the mobile phone wifi; 2. the camera is powered; 3. set up the wifi connection near the router, then unplug the network cable, get the installation location to install. (The location of the installation is guaranteed to be within the coverage of the configured wifi).

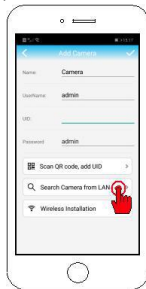


## 二、 Phone connection camera

1. Open the installed APP, click Add Camera (picture 2-1); click on the LAN to search for UID, and then click on the searched device (picture 2-2).



(picture 2-1)



(picture 2-2)

2. Click the ID of the searched camera, enter the default password of the camera admin, (picture 2-3); click Finish; return to the list of software devices, click on the added device to see the image (picture 2-4 ).



(picture 2-3)



(picture 2-4)

### 三、 Set the camera's wireless network connection

1. Click on the camera list (as shown in picture 3-1); enter the camera settings and click the wifi settings (picture 3-2).



(picture 3-1)



(picture 3-2)

2. Enter the management wifi network (picture 3-3); find the wireless wifi input password in your home (picture 3-4); the tick behind the wireless network shows that it is connected to the wireless. (Tips: After wifi is connected, you can unplug the network cable and realize wifi wireless connection.)



(picture 3-3)



(picture 3-4)

## 四、Audio intercom settings

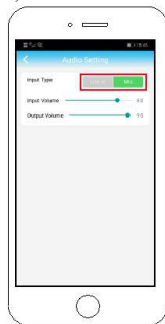
1. In the APP interface, click on the camera settings (picture 4-1); click on the audio settings (picture 4-2); enter the audio settings interface (picture 4-3). Select the microphone input; the input volume and output volume can be adjusted in size (0-100).



(picture 4-1)

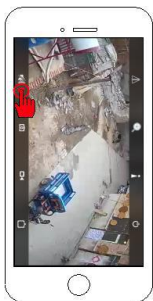


(picture 4-2)



(picture 4-3)

3. Return to the main screen of monitoring, click the speaker icon to open the monitoring state (as shown in picture 4-4); press and hold the microphone icon to perform the intercom (picture 4-5).



(picture 4-4)

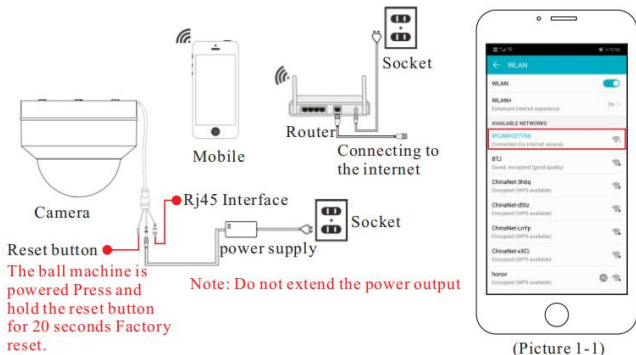


(picture 4-5)

## Method 2: The camera is connected through the AP hotspot setting

### 一、Quick installation diagram

After connecting the camera power supply (**Note: No network cable is needed. The camera cannot normally connect to AP hot spots after connecting the network cable**), the camera will conduct self-test after starting up normally. After the self-test, wait about 1 minute. At this time, the camera will generate a wifi hotspot named ipcam-xxxxxx. Then go back to the mobile phone installation application, open the mobile phone WLAN search list, find the camera wifi hotspot ipcam-xxxxxx, click the connection, enter the AP default password is 01234567, as shown in Figure 2-1 below, The phone has been connected to the AP hotspot of the camera.



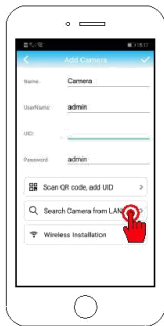
### 二、Phone connection camera

1. Open the installed APP, click Add Camera (Picture 2-1); click on the LAN to search for UID, and then click on the searched device (picture 2-2).
2. Click the ID of the searched camera, enter the default password of the camera admin, (picture 2-3); click Finish; return to the list of software devices, click on the added device to see the image.





(picture 2-1)



(picture 2-2)



(picture 2-3)

### 三、Set the camera's wireless network connection

1. Click on the camera list (as shown in picture 3-1); enter the camera settings and click the wifi settings (picture 3-2).
2. Enter the management wifi network (picture 3-3); find the wireless wifi input password in your home; the tick behind the wireless network shows that it is connected to the wireless.  
(Tips: After configuring WIFI in AP mode, AP mode will disappear. If you want to use AP mode, you need to restore the camera to factory settings.)



(picture 3-1)



(picture 3-2)



(picture 3-3)

# Computer client connection

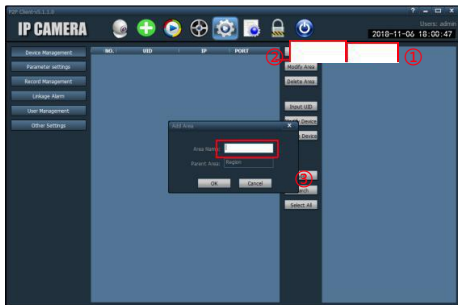
1. Download the HIP2P client management software on your computer and open the software after installation.



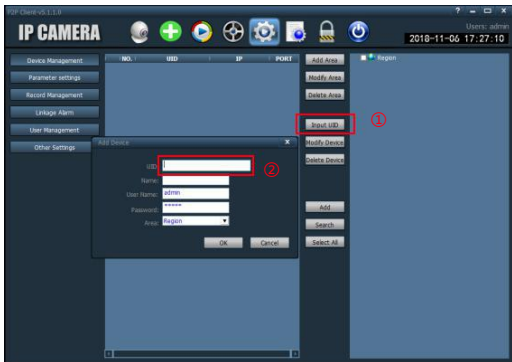
Automatically add camera  
Preview  
Local playback  
Remote playback  
Setting



2. Click the navigation bar to set the option, (prompt to enter the login password, click the OK without entering the password) pop up the interface;  
On the right side, find the Add Area button; pop up the Add Area dialog box to fill in the area name (can be filled in); click the OK button.



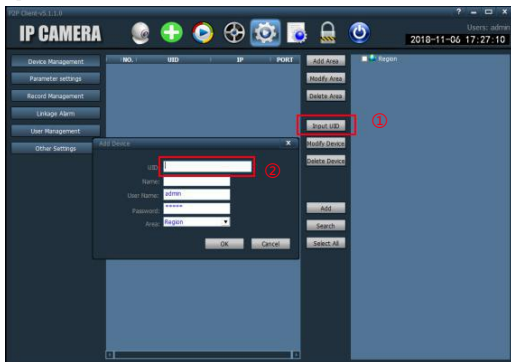
3. Click on the input device UID on the right side; pop up the Add Device dialog box, fill in the UID (UID is viewed in the mobile app) and the name (you can fill it out or fill it in); the username and password are OK by default, click the OK button.



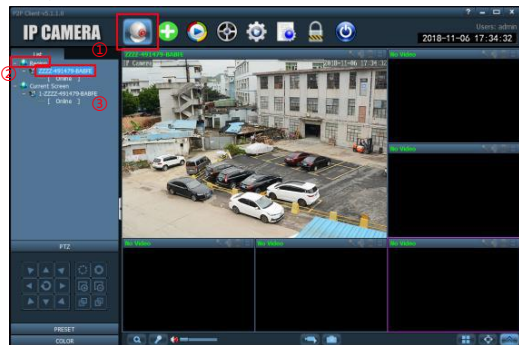
4. Click the main interface preview, double-click the left side of the list to add a good area name to pop up the device name and then double-click to see the image. For more settings, click System Settings.



4. Click on the input device UID on the right side; pop up the Add Device dialog box, fill in the UID (UID is viewed in the mobile app) and the name (you can fill it out or fill it in); the username and password are OK by default, click the OK button.



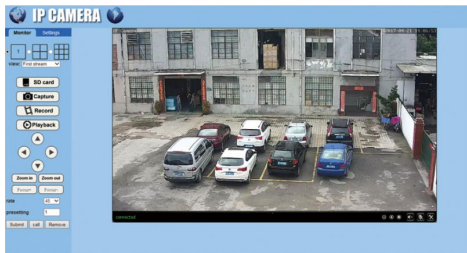
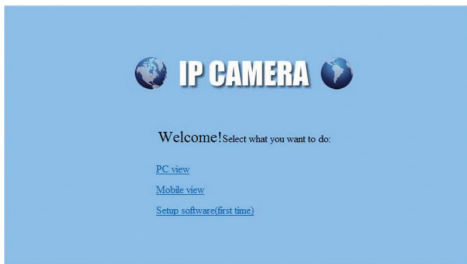
5. Click the main interface preview, double-click the left side of the list to add a good area name to pop up the device name and then double-click to see the image. For more settings, click System Settings.



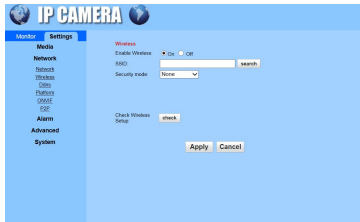
## IE Browser connection view

After connecting the camera and computer through the network cable, turn on the power of the camera, the camera will conduct self-test after starting up normally, after the self-test, wait about 1 minute. Open the IE browser, and enter the camera IP address, fill in the user name and password correctly and login. Click PC view and enter the camera operation interface. Camera factory default IP: 192.168.1.88, subnet mask: 255.255.255.0; Default gateway: 192.168.1.1; User name: admin, password: admin.

**Note: 1. IE browser first login IP camera, need to download and install the activex before normal viewing IP camera image. (Click on [Setup software\(first time\)](#) installation activex).  
2. Before using the computer connection to log in the IP camera, please make sure that the current computer IP network segment and the camera IP network segment are in the same network segment. (computer IP and camera IP cannot overlap).**



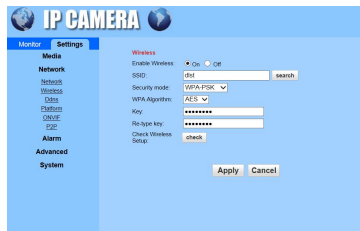
**IE manual WIFI configuration:** click Settings -- wireless --SSID search ,Select the WIFI you want to configure from the WIFI network list. Enter the current WIFI password and click “Apply”save. Click “check” to check whether the WIFI network is configured successfully, as shown below picture1-4.



Picture 1

Add	RSSI	SSID	Encrypt	Auth	Network Type	Channel
Join	100	ChinaNet-JPL	TKIP	WPA-PSK	Infra	11
Join	98	dbit	AES	WPA-PSK	Infra	1
Join	82	amazon	AES	WPA-PSK	Infra	1
Join	70	ANSONTECH	AES	WPA2-PSK	Infra	6
Join	70	yumilaji	TKIP	WPA-PSK	Infra	13
Join	66	ChinaNet-Farb	TKIP	WPA-PSK	Infra	10
Join	59	Rong	AES	WPA-PSK	Infra	1
Join	54	IPCAM-490563	AES	WPA-PSK	Infra	1
Join	46	TLS	TKIP	WPA-PSK	Infra	11
Join	42	304	AES	WPA-PSK	Infra	1

Picture 2



Picture 3

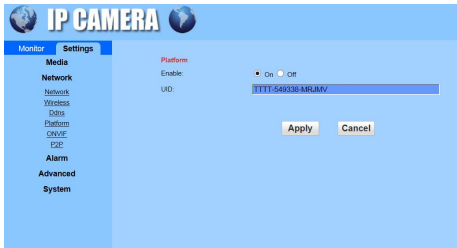
Checking WiFi, please wait about 30 seconds.

Connected to WiFi successfully.  
Select "Apply" to save these settings.

close

Picture 4

**Camera UID number search:**click Settings --P2P, as shown below:



# Specifications & Preset Function Operation

Parameters		Specifications
Camera	Sensor	1/3" CMOS
	Pixels	1920*1080/2.0MP
	Zoom	3x/5x Optical Zoom
	Lens	2.8~8mm/2.7-13.5mmoptional
	IR Distance	20M-30M
	Day & Night	Auto / Day / Night (ICR)
Pan/Tilt	Horizontal angle	355° Horizontal rotation
	Horizontal speed	0.5~70°/ sec
	Vertical angle	5-90°
	Preset	128 Preset
	Tour	3pcs, Supports 16 presets
	Scan	Limit scan/AutoLever scan
IP/WIFI	Other Functions	Power Up Action etc.
	Protocol	ONVIF
	WIFI	IEEE 802.11b/g/n
	AP	support
	TF Card	Max 128G
General	Power	DC 12V/Current: 1A(MAX)
	Protection grade	IP66
	Dimensions	132*132*115 mm
	Appearance	White,aluminum alloy (ADC)
	Weight	around 650g

- Product specifications may be updated without notice.

## Special preset function operation:

Call Preset [115]:Run tour 1-16 presets scanning.

Call Preset [120]:Run the lever of auto scanning.

Call Preset [94]:The PTZ recalibration.

Call Preset [93]:Reset factory defaults.

Set Preset [93]:Clear the all presets.

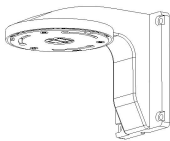
# Accessories & Dimension



Mini camera



Manual



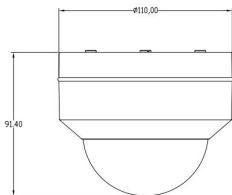
Wall bracket  
(optional accessories)



Accessory bag

## Dimension:

Ceiling type installation dimension(unit:mm)



Wall installation dimension(unit:mm)

