

# Plug and play IP Camera Introduction Manual



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# Chapter I Introduction

## 1.1 Product Feature

This product does not require extra settings(plug and play),HD Series support TF Card recording ,easy to installation,can work in all kinds of network environment,support the CRC, Great Wall and other small broadband, Adopt P2P technology automatically adapts wired and wireless .No need professional network experience to view from remotely.

## 1.2 Product Picture



## 1.3 Product Introduction

High performance chip is used for audio and video collection, compression and transmission. High-speed media processor, high-speed Motion - JPEG and H.264 coding algorithm of standard, make sure that the graphics effects and smooth video transmission effect, Giving you the "fool" experience of application, without professional knowledge of network, as long as you will use computer and cell phone on the Internet, you can use the camera (no need to distinguish between the Internet/LAN applications) for real-time video and voice conversation after installing the software. This series product is divided into five types:

**P2P indoor PTZ IP Camera(MJPEG、HD).**

**P2P waterproof IP Camera (MJPEG、HD).**

**P2P HD DOME IPCAM.**

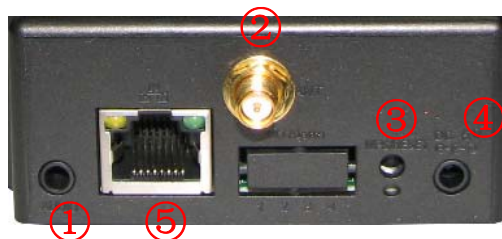
**P2P HD Mini IPCAM.**

**P2P HD PTZ IPCAM.**

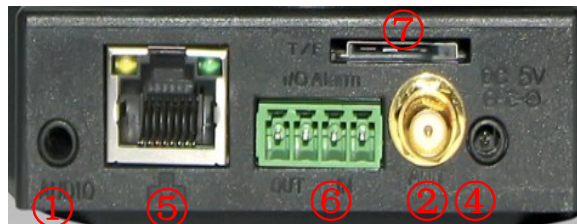
## 1.4 Interface Specification

**Interface Icon**

**MJPEG PT IPCAM Backboard**



**HD PT IPCAM Backboard**



**MJPEG Outdoor IPCAM Interface**



**HD Outdoor IPCAM Interface**



**HD DOME IPCAM Interface**



**HD Mini IPCAM Interface**



## HD PTZ IPCAM Interface



- ① External audio output: active external amplifiers.
- ② Antenna interface: connect Wi-fi antenna
- ③ WPS/RESET: Reset
- ④ Power: DC 5V/2A。
- ⑤ Network interface: Steady green light/yellow light flashes
- ⑥ I/O Alam: Alarm input
- ⑦ TF Card: support TF Card。

## Chapter II Product Application

### 2.0 Installation operation

#### 2.01 Network connections

After power on and self-checking, Lens is in the center position. Connect IP Camera to the router with cable.



## 2.1 IOS operation guidance

### 2.11 IOS Installation Guidance

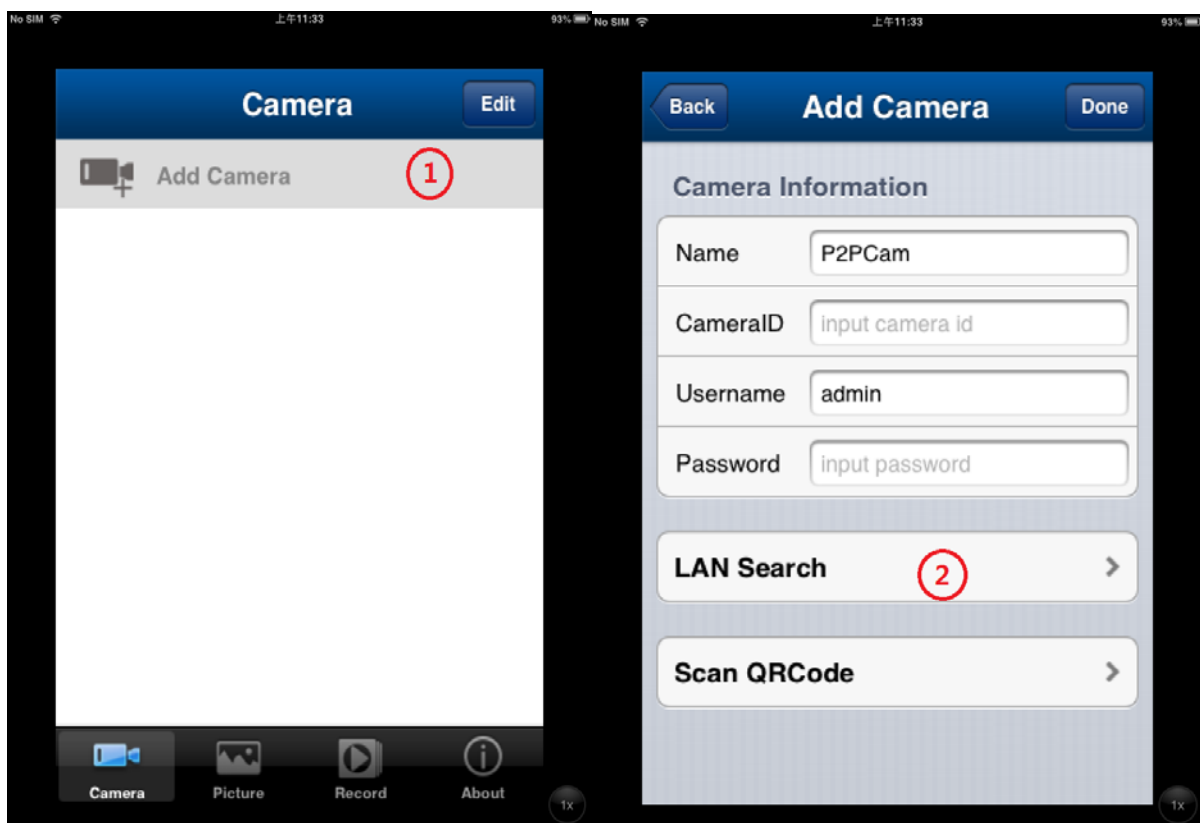
After 2.01 finished

Step 1 Turn on the wifi of Iphone or iPad, search and connect the wifi.

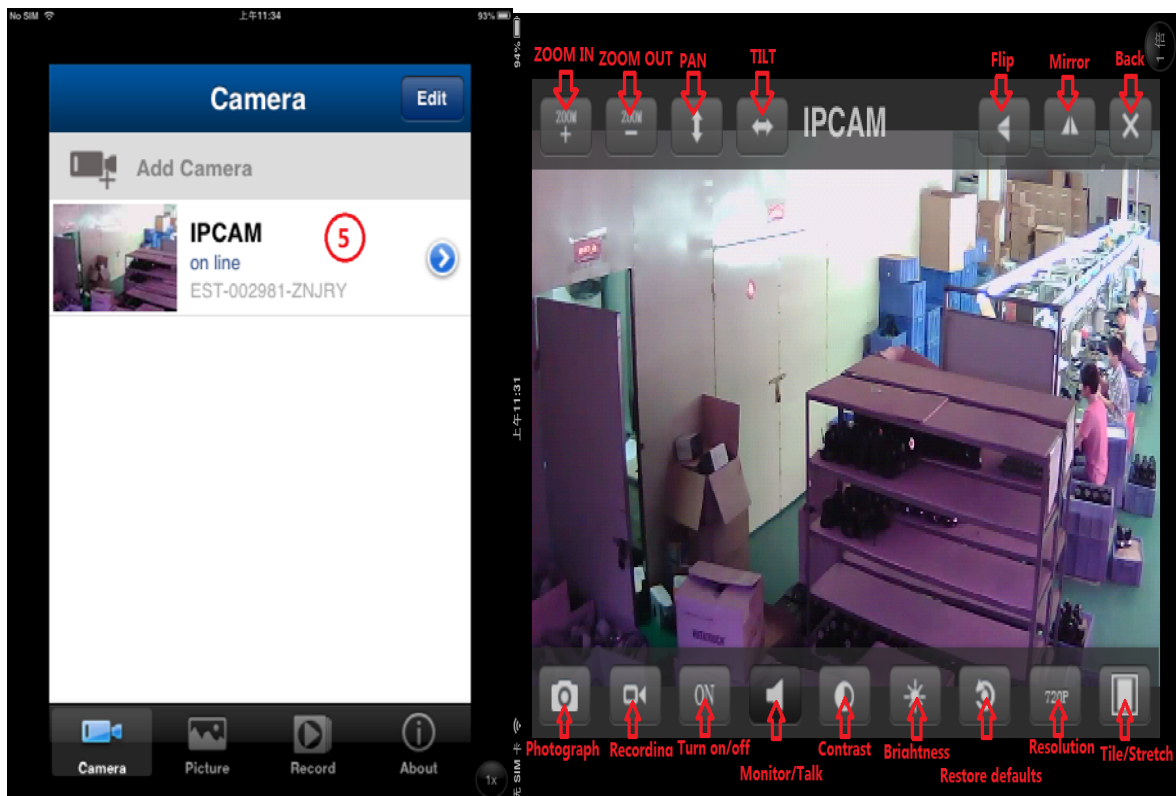
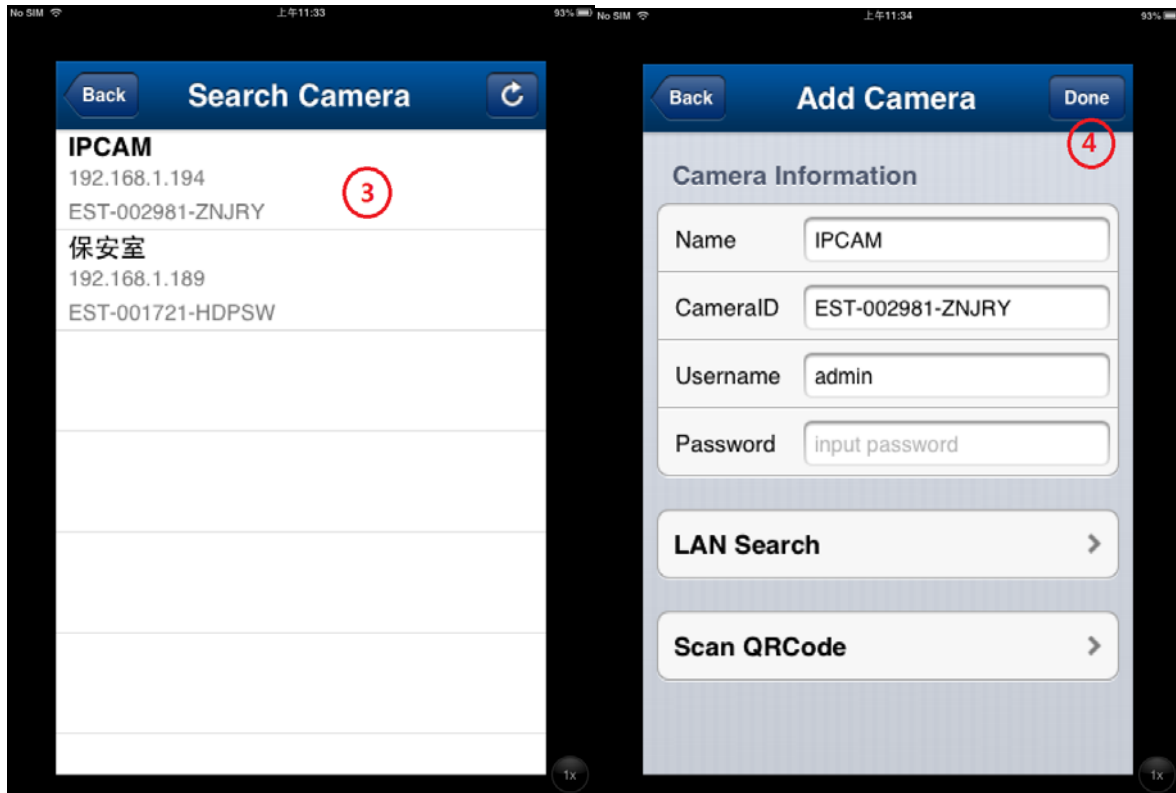
Step 2: Open “App store” ,search “EyeIPCam”and download.

Install the software, according to the prompt, complete installation step by step, EyelPCam icon appears.


Step 3: click the EyelPCam, (1) add a camera - (2) search-(3)selected WIFICAM-(4)completed -(5) switch to the camera - 6 selected WIFICAM and click , enter the monitor screen. Can directly at the camera when to add input ID in the ID, but can be by scanning qr code directly add camera base plate.

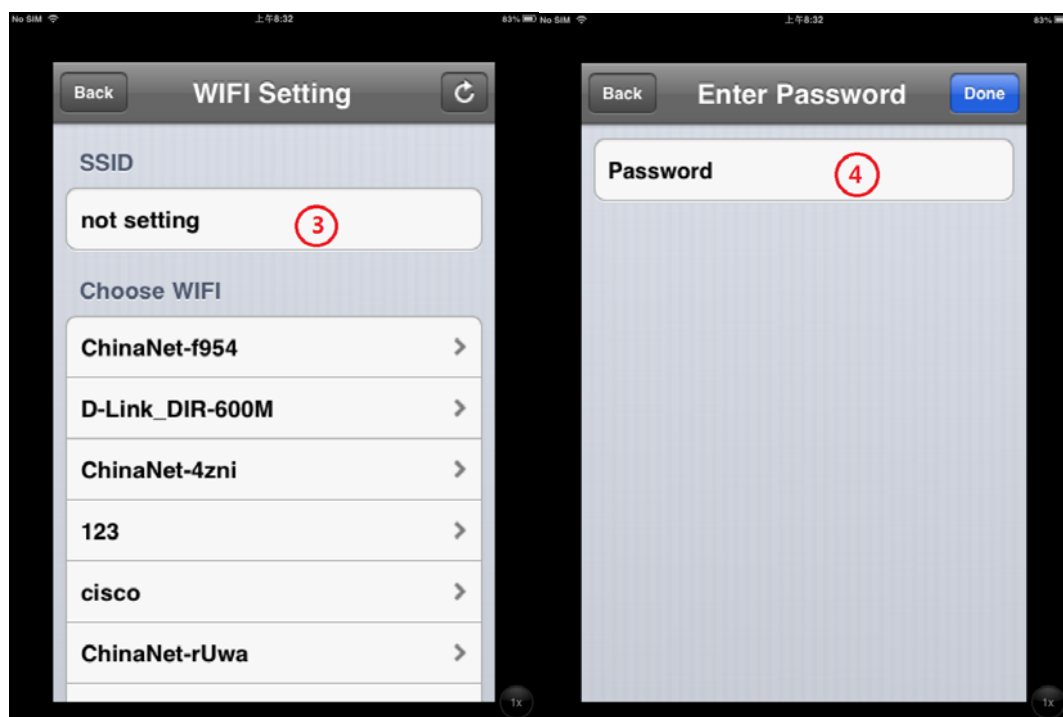






## 2.12 Wireless mode

① click  --- ② set wifi --- ③ search wireless router --- Select your wireless router --- ④ enter the password of router --- click Done IPCam auto reboot. Pull up the cable connecting the IPCam and router.



**Note:** When using IOS access, there will be 180 seconds forwarding time if network is bad, Does not affect the user to view and operation during this time, click exit or reconnect the IPCAM.

## **2.2 Android operation guidance.**

### **2.21 Android Installation Guidance**

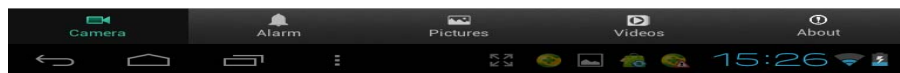
After 2.01 finished

Step 1: Turn on the wifi on Android, search and connect the wifi router.

Step 2: Copy the "P2PIPCam\_asd zx.apk" from the CD to Android device, complete installation step by step, EyeIPCAM icon appears.

Step 3: click the EyeIPCAM, (1) add a camera - (2) search - (3) selected WIFICAM - (4) completed - (5) switch to the camera - 6 selected WIFICAM and click , enter the monitor screen.

Please enter the ID number directly in the camera ID , you can also scan cameras bottom of two-dimensional code to added directly .



back Add Camera done

Name IPCamera

Did

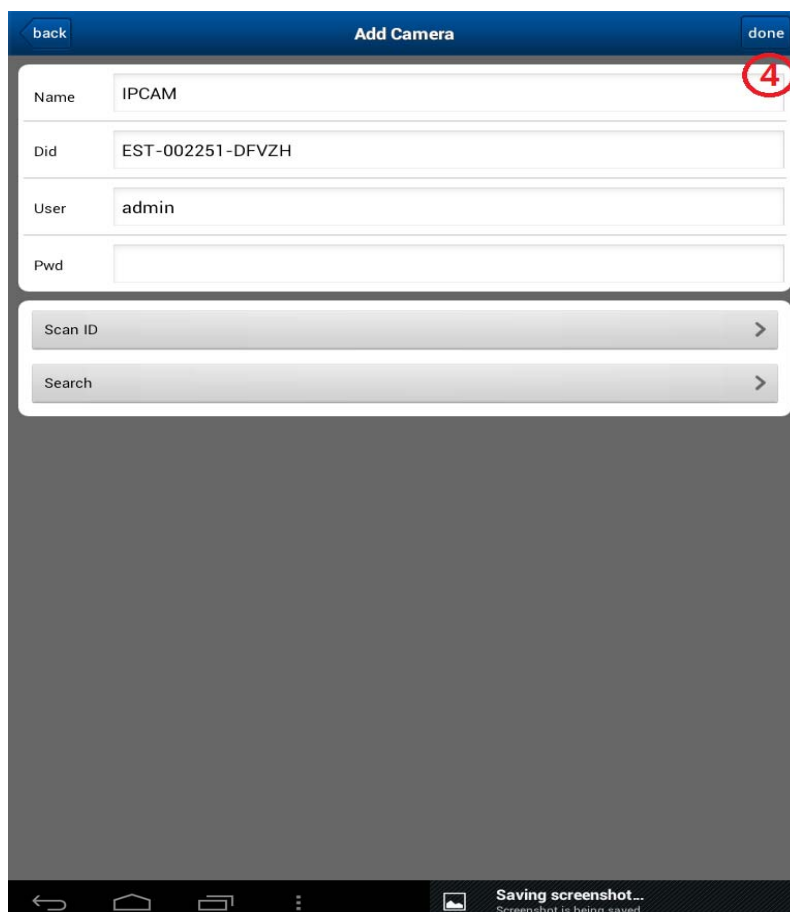
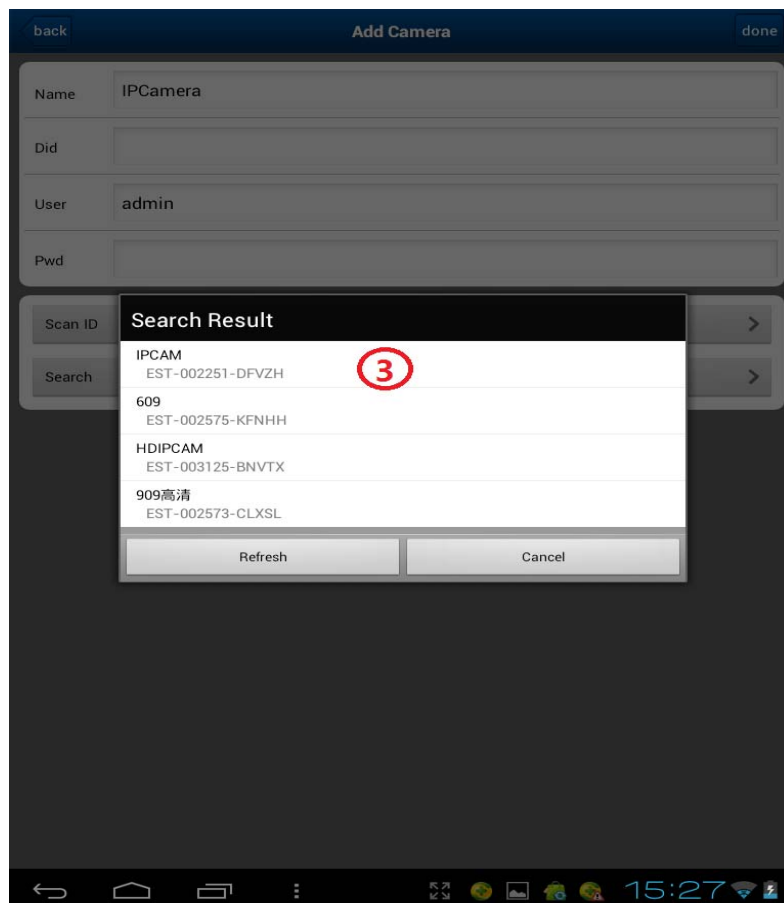
User admin

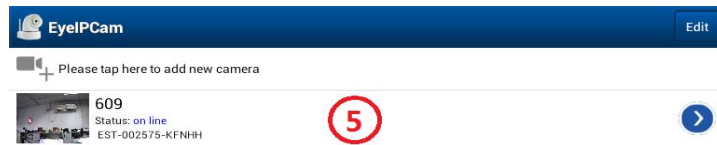
Pwd

Scan ID >

Search 2 >

Saving screenshot...  
Screenshot is being saved.



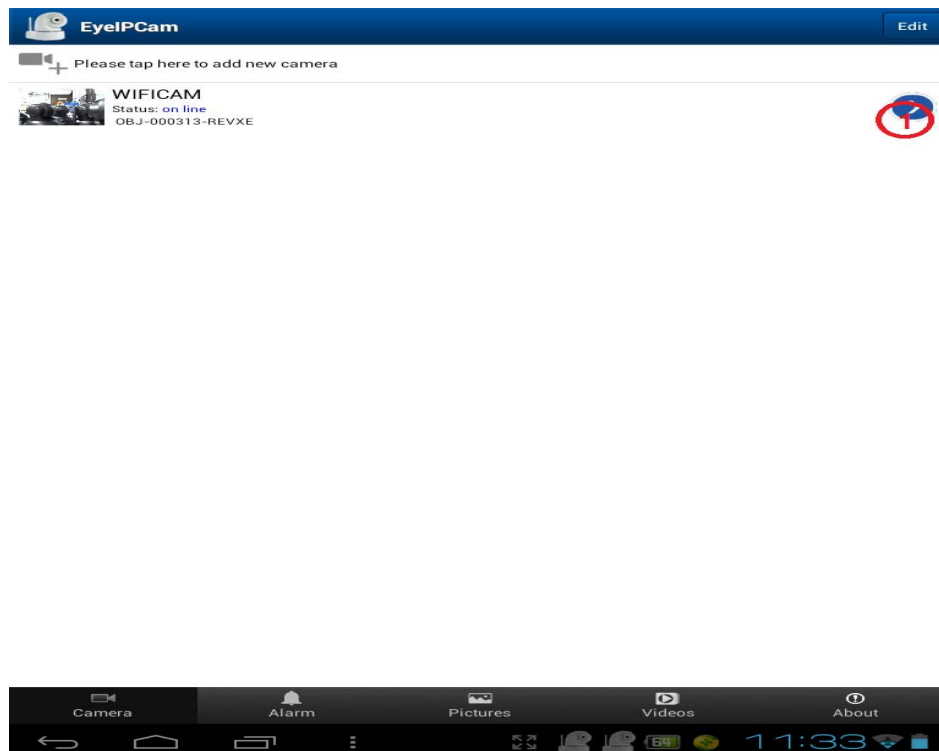


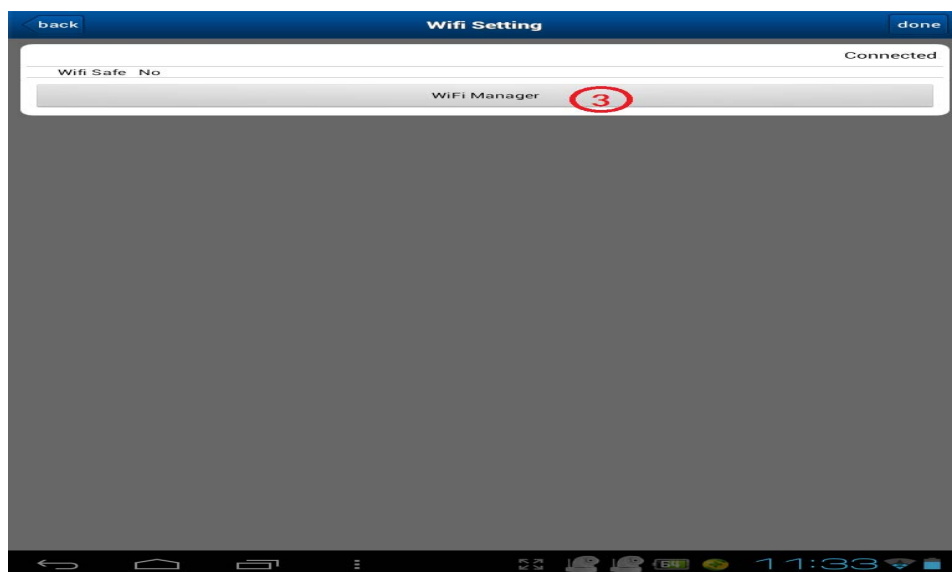
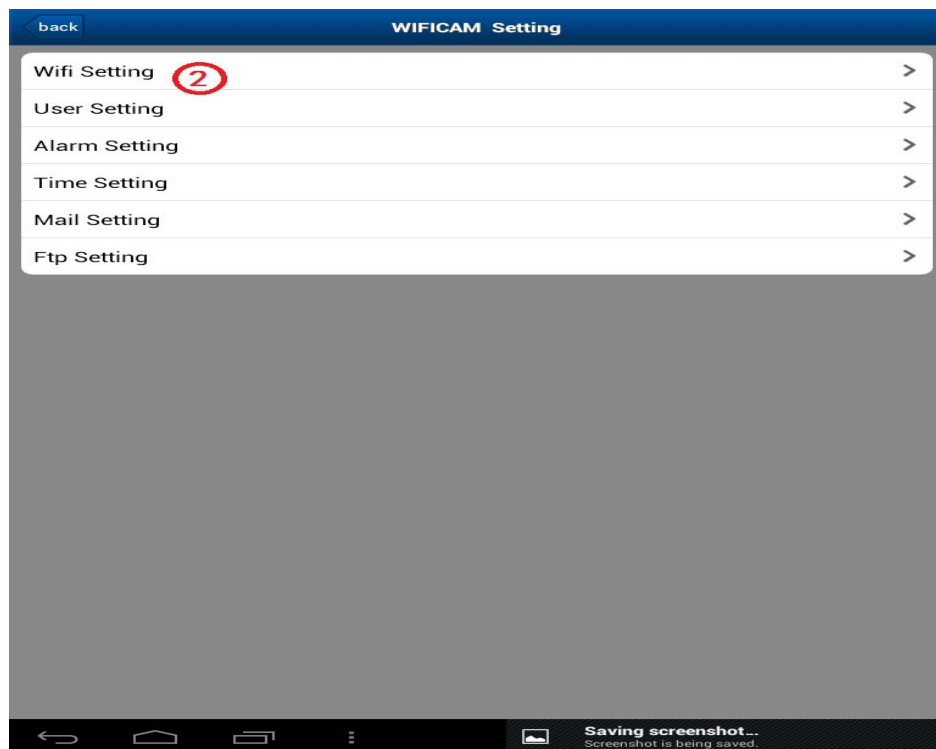
## 2.22 Wireless mode

① click  --- ② set -- ③ Set wifi ④ search wireless router---

Select your wireless router--- enter the password of router---click

Done IPCam auto reboot. Pull up the cable connecting the IPCam and router.



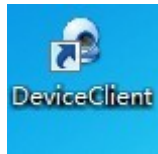




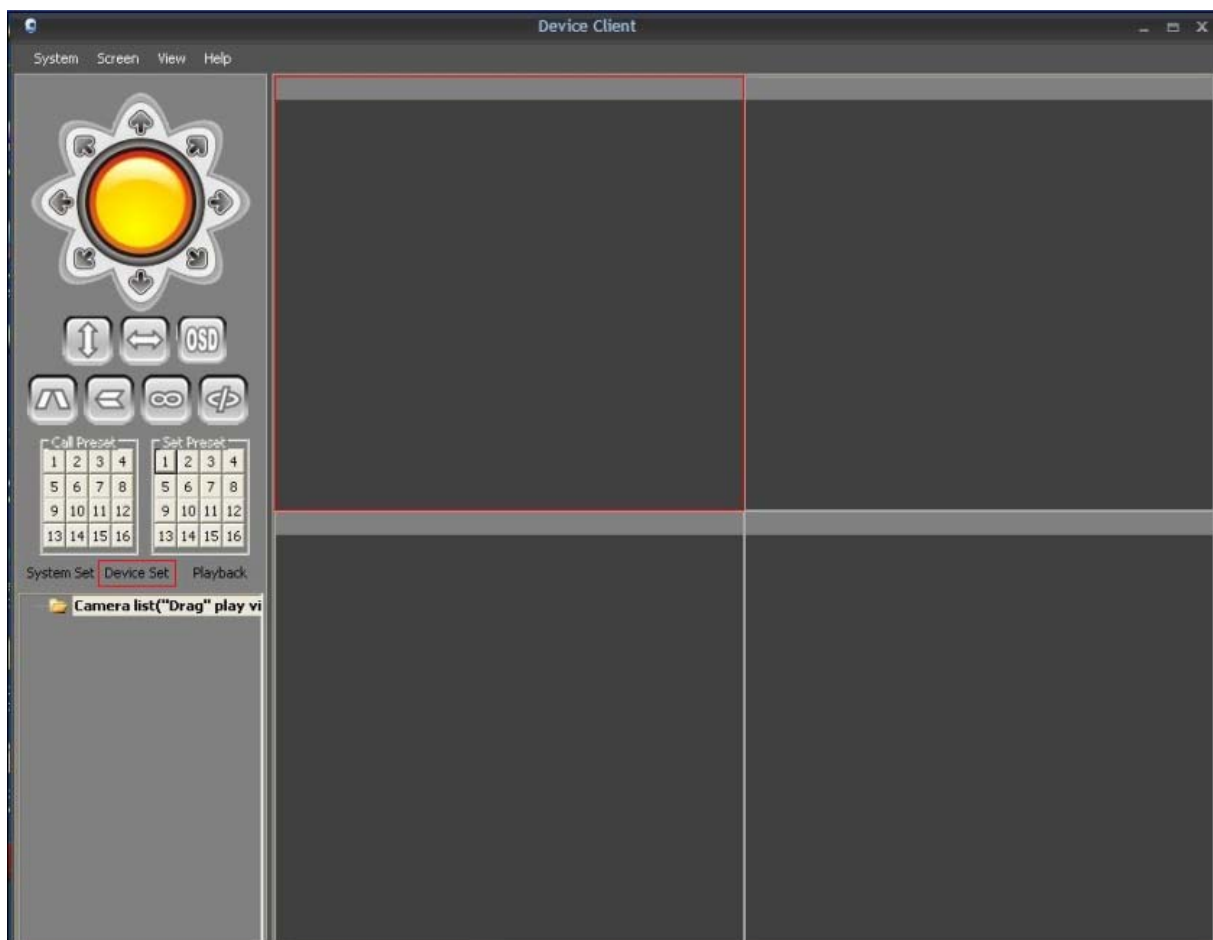


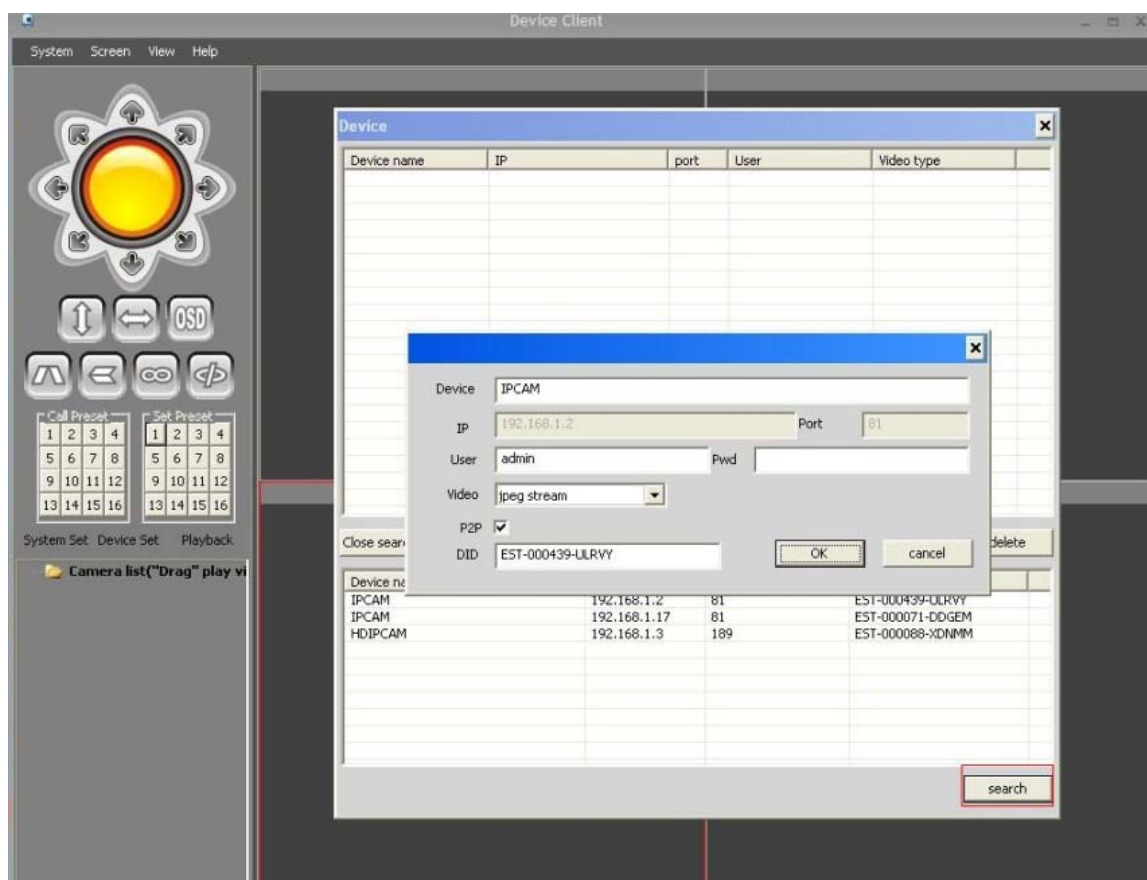
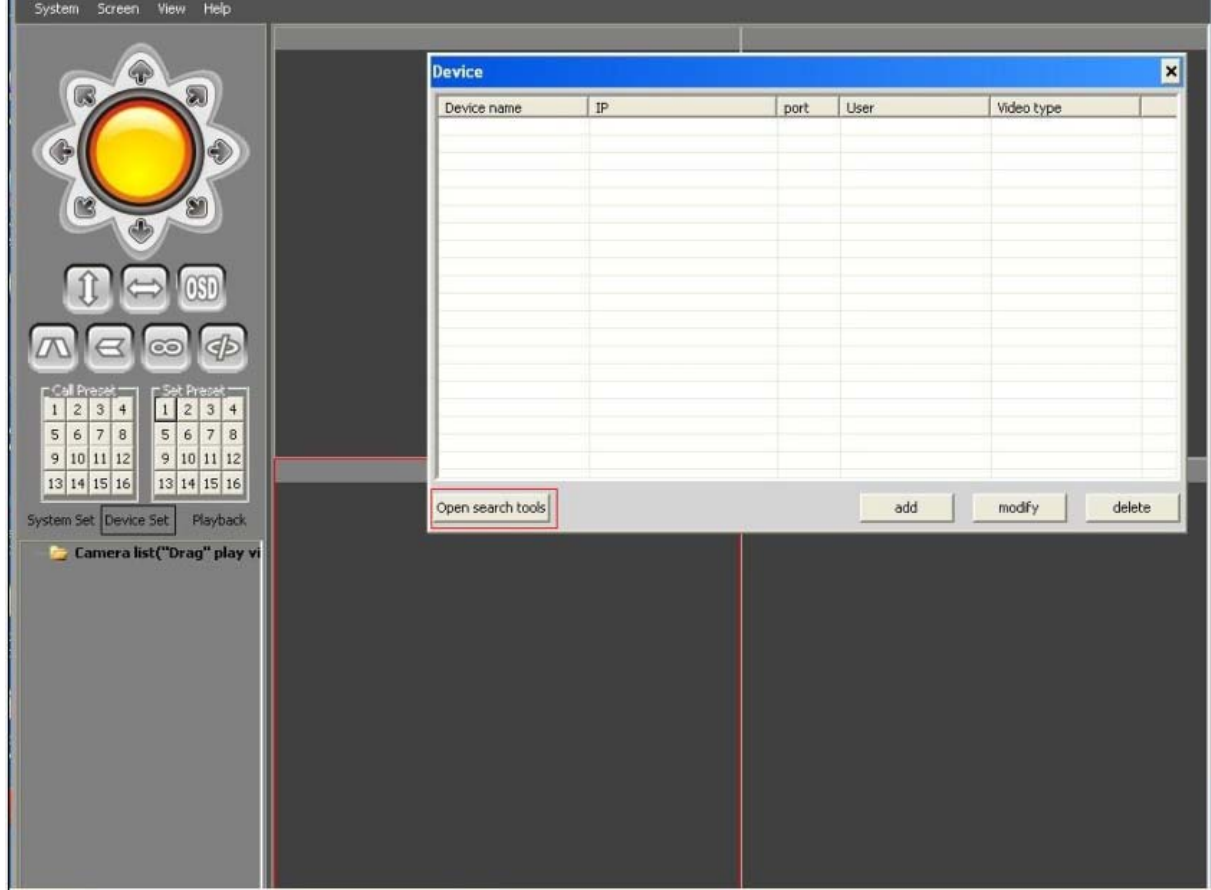
Step 1: Install the client-side software attached in the CD, There will create

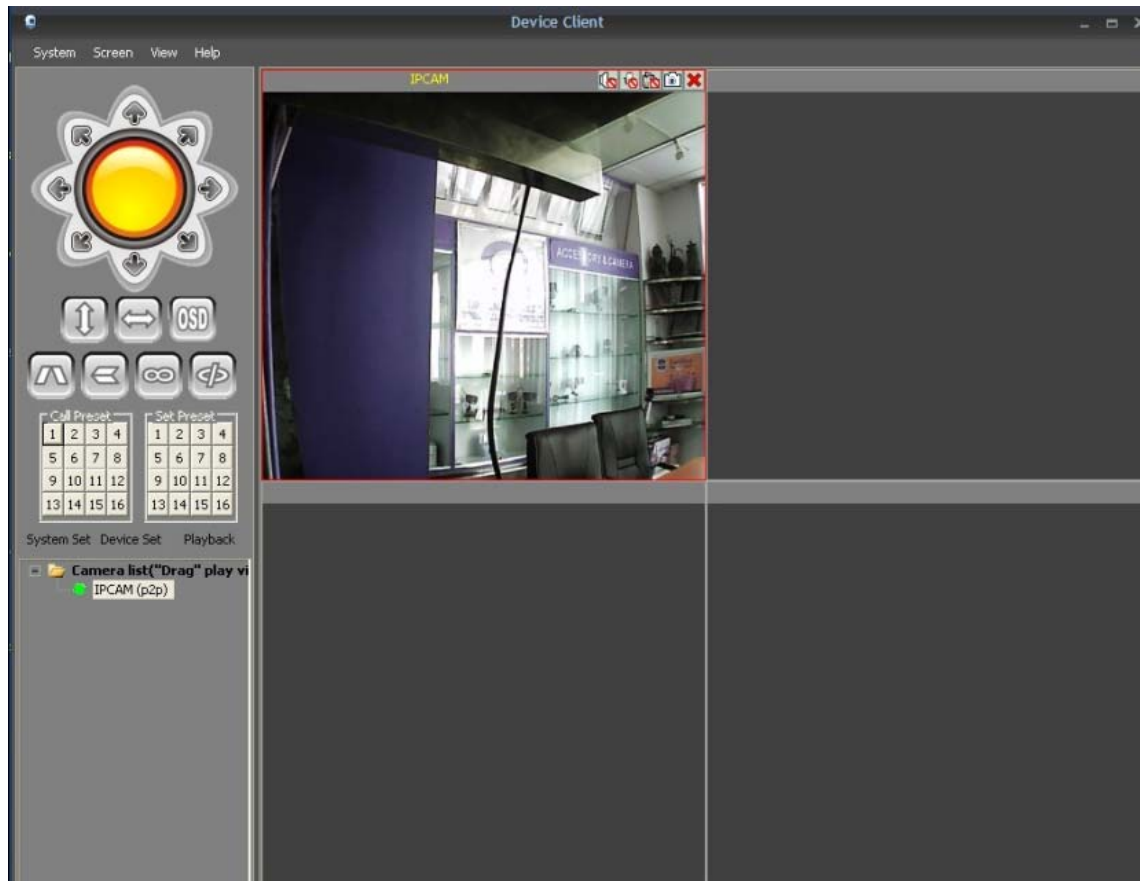
a DeviceClient icon.



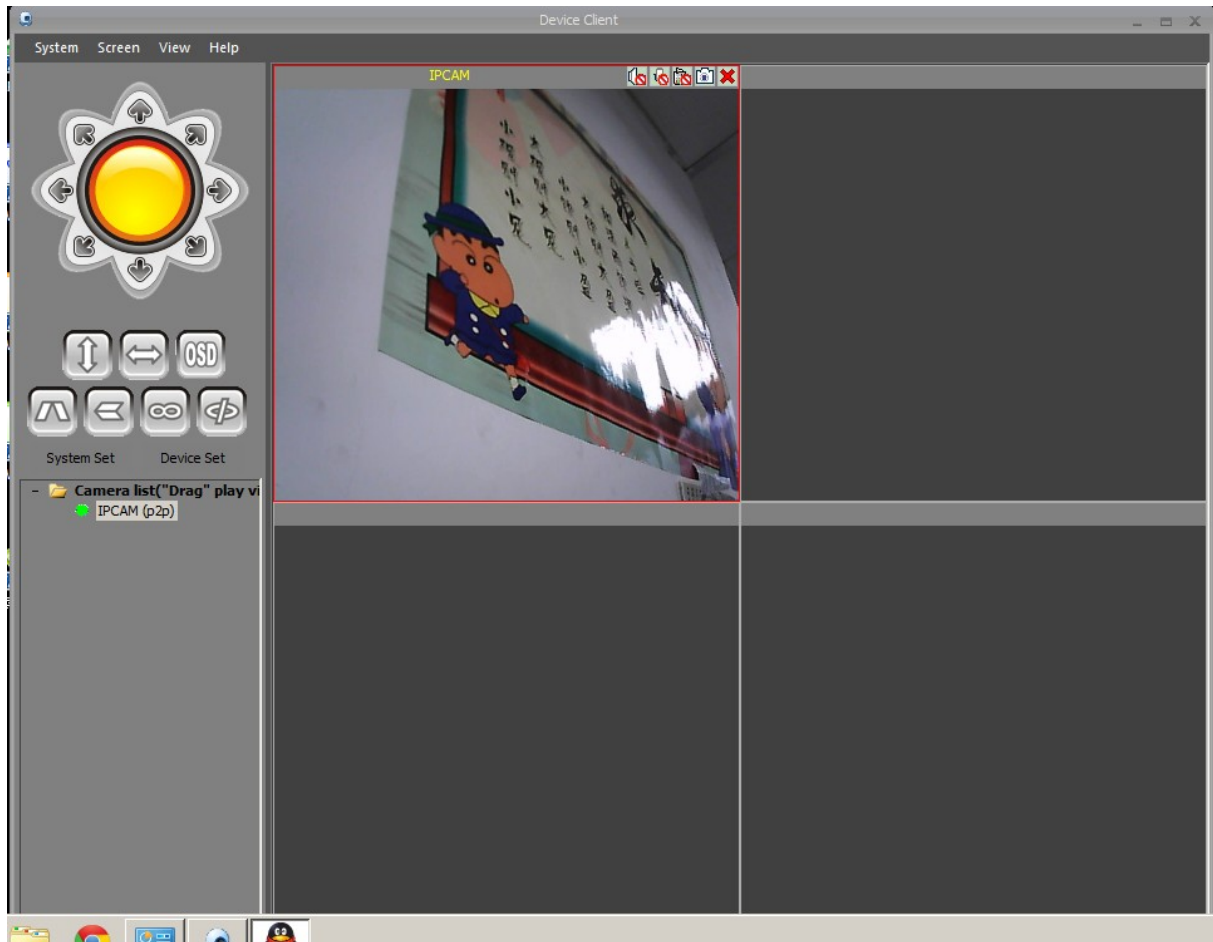
Step 2: Open the software - select the list of Device - open the search page-search - select your IPcam and double click-add the parameter dialog box pops up - select the jpeg stream from the video(HD IPCAM







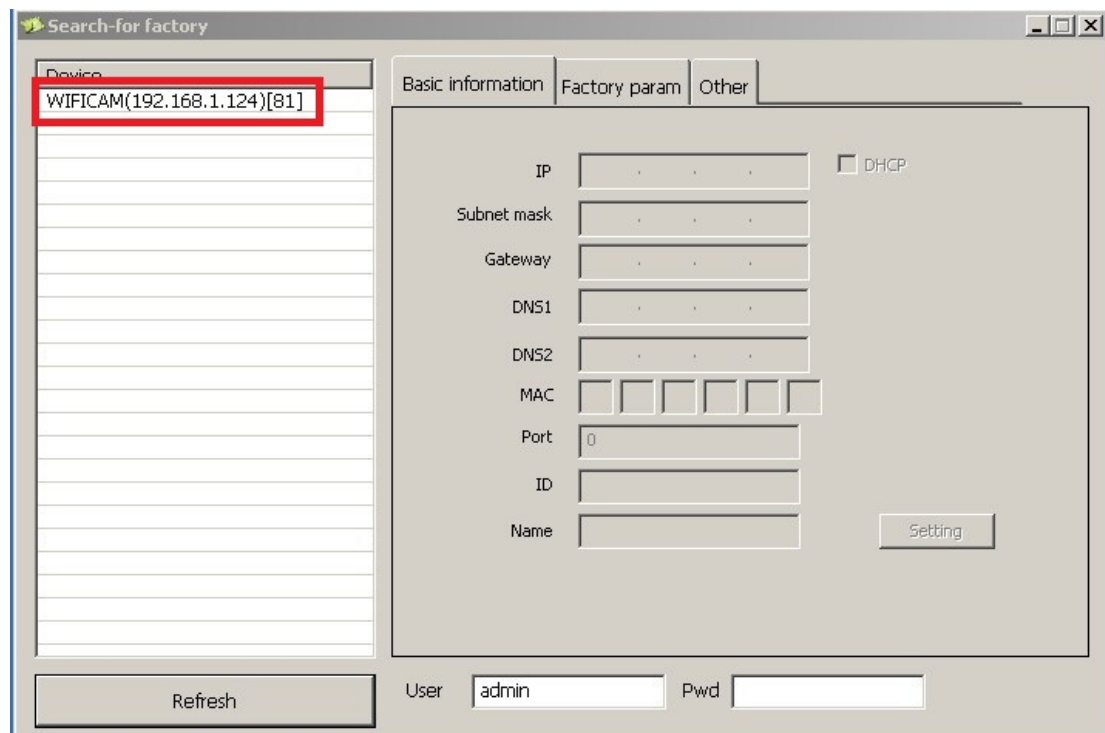
There will be a device on the left side Device list,drag the device into the Right side window,It will display the surveillance image,and you can controll now.



## 2.32 IE mode

After 2.01 finished

Step 1 Connect the pc to the router,open the"search tool3.1.exe",Make sure the pc is connected to the IPCam ,below is interface.



Double-click on the IPCAM, IE login interface come out, enter the user name: admin, password: empty, into the IE interface ,select IE mode, install OCX , enter the monitoring interface.

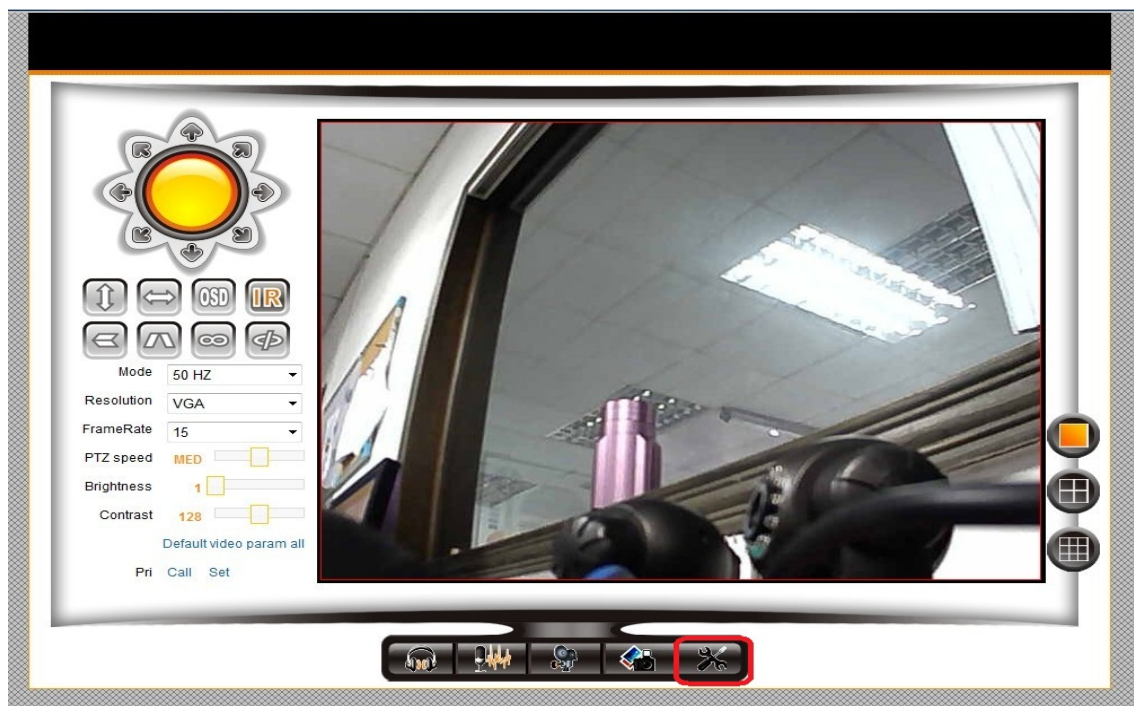


livestream mode (for Internet Explorer) [OCX Download](#)

videostream mode(for FireFox)

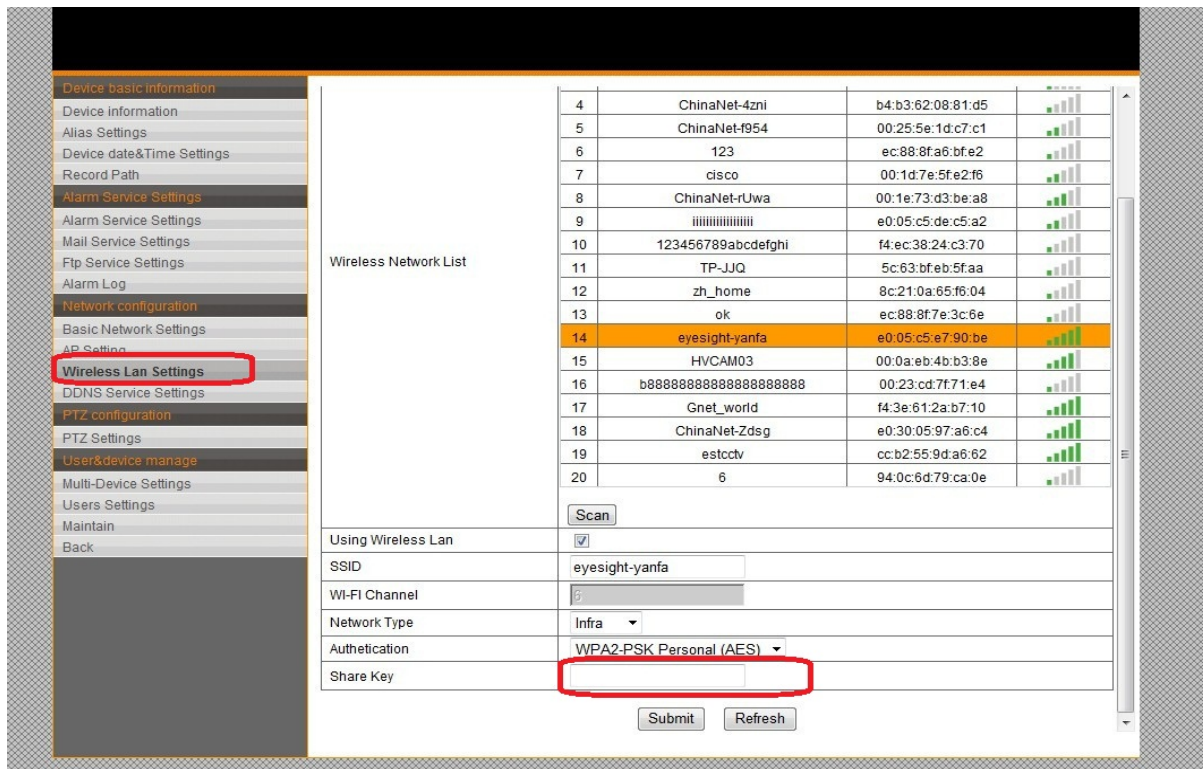
snapshot mode (for smartphone)

English ▼



Double-click on the setting bottom under screen - enter the wireless local area network (LAN) Settings - wireless network list (search) - click on your wireless router - enter the wireless router password –setting- wait for equipment to restart, then remove the cable connecting the IPCAM to realize wireless connection.





### 2.33 Wired and wireless auto-adaptation

After completing the wireless mode setting, you can use the network cable connecting IPCAM and routers, can also don't need cable, IPCAM will automatically convert both wired or wireless.

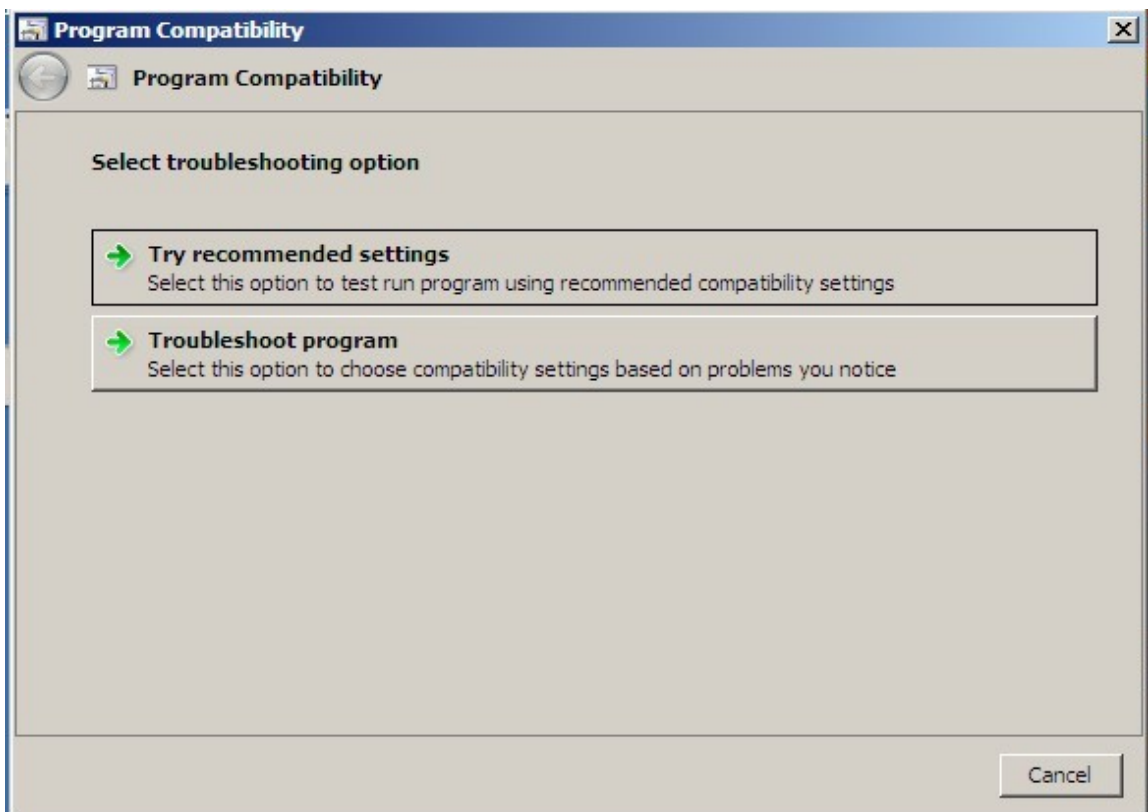
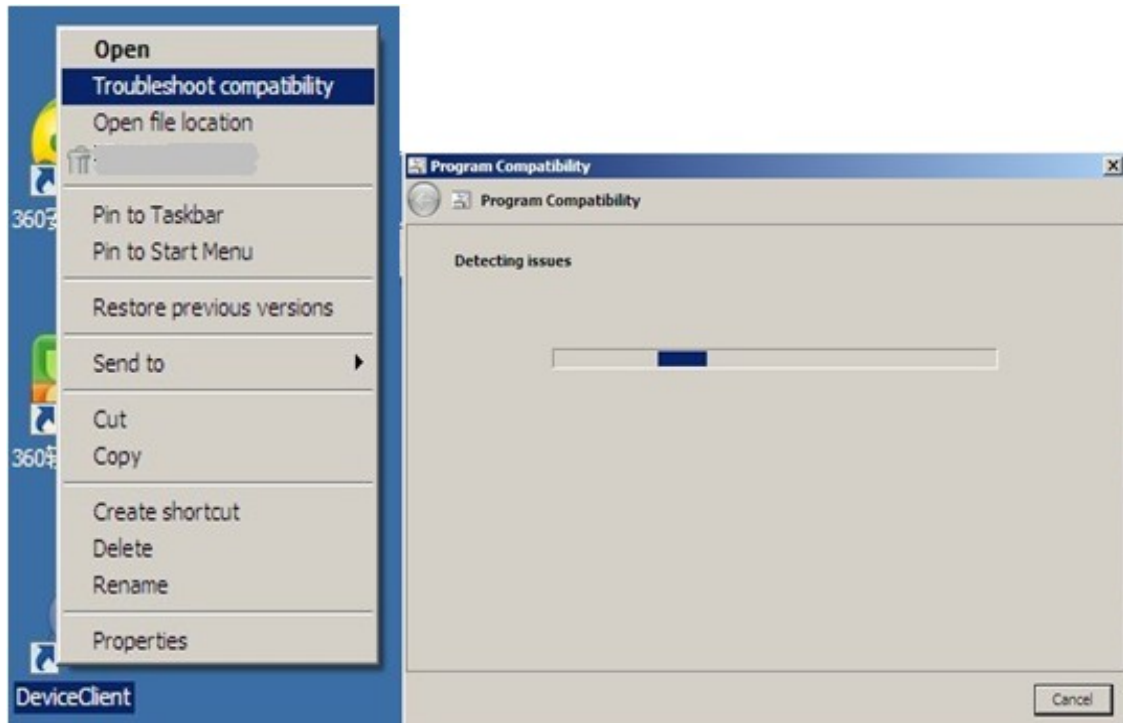
### 2.34 windows7 64 bit system compatibility

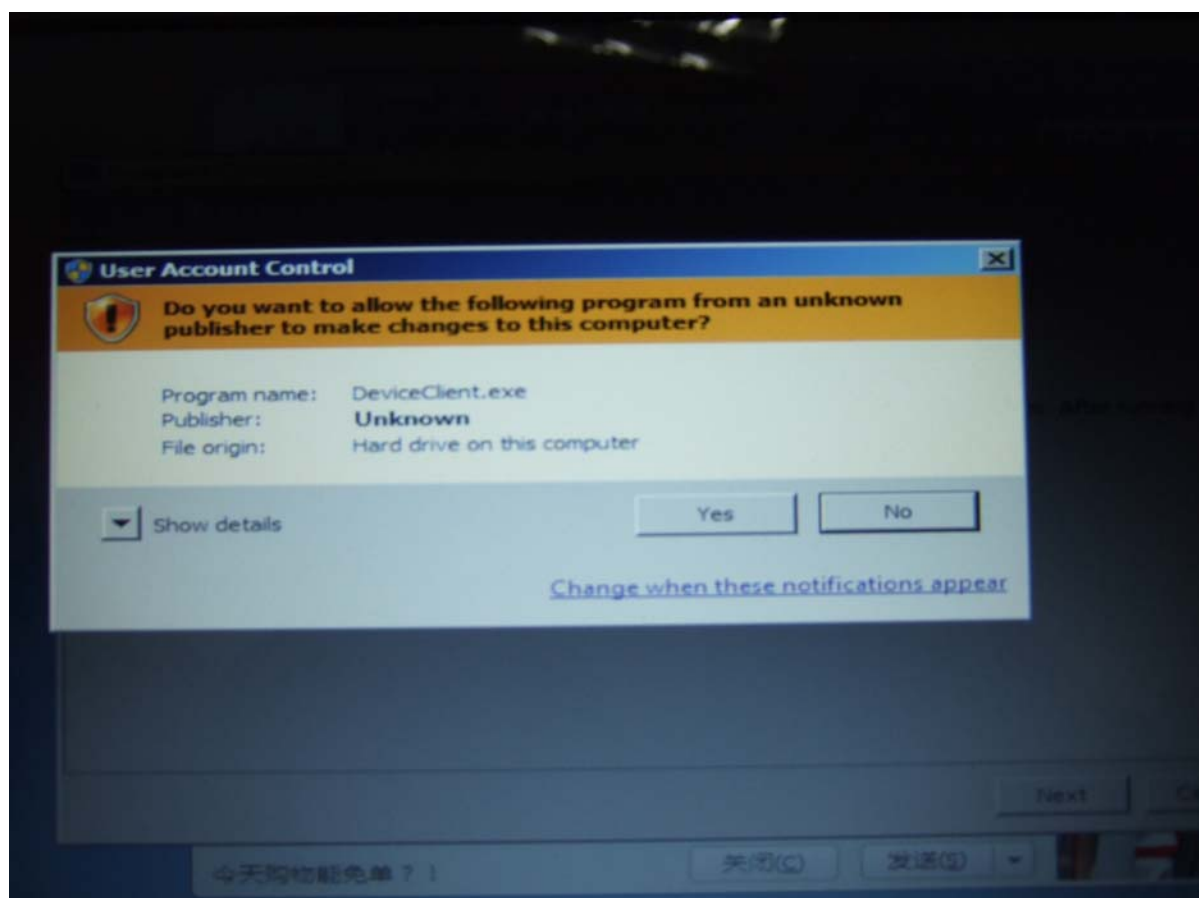
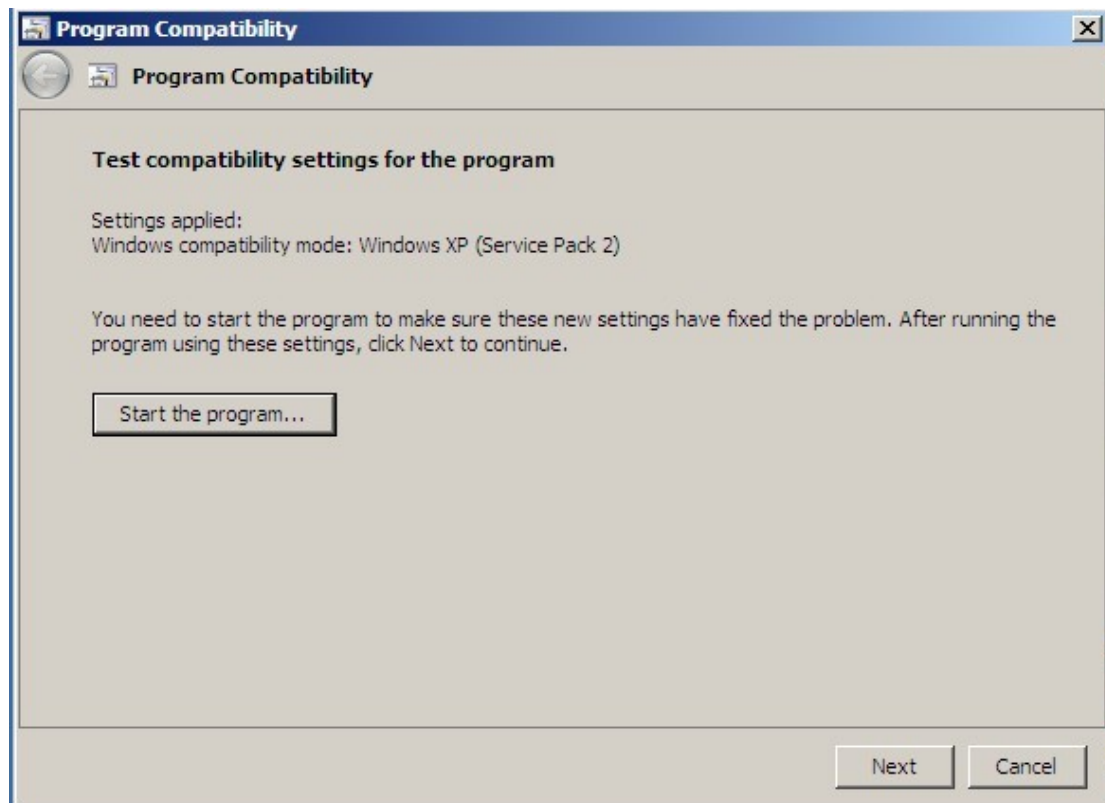
Under Windows 7 64 - bit system, there will be Compatibility problems, the solution is as follows:

Right-click the centralized software -- -- -- - select the compatibility of troubleshooting--- System automatically detect – select troubleshooting options dialog come out – select try suggested Settings -- -- -- -- -- start



program--- Pop up user account control dialog option, choose "yes"  
program can normal boot.





## 2.35 TF card Description

HD series products supports TF card recording function, plsuse genuine TF card(factory in Taiwan,Singapore,the United States), Piracy TF can not read or damage to the TF card.

## 2.4 Detailed parameter Settings

IE mode,click setting and enter parameter setting page.

The screenshot displays a web interface for device settings. On the left is a vertical sidebar menu with categories: 'Device basic information' (containing Device Information, Alias Settings, Device date&Time Settings, Record Path), 'Alarm Service Settings' (containing Alarm Service Settings, Mail Service Settings, Ftp Service Settings, Alarm Log), 'Network configuration' (containing Basic Network Settings, AP Setting, Wireless Lan Settings, DDNS Service Settings), 'PTZ configuration' (containing PTZ Settings), 'User&device manage' (containing Multi-Device Settings, Users Settings, Maintain, Back), and a 'Back' button at the bottom. The main content area is titled 'Device Status' and contains a table with the following data:

Device Status	
Device Firmware Version	69.2.128.35
Device Embedded Web UI Version	0.0.0.69
Alias	WIFICAM
Device ID	OBJ-000313-REVXE
Alarm Status	None
UPnP Status	UPnP Succeed
DDNS Status	No Action
MAC	00:0A:EB:4B:B3:9F
WIFI MAC	00:0A:EB:4B:B3:9E
Externwifi status	Externwifi Error
Language	English ▼

Below the table is a 'Refresh' button.

Equipment information: show basic information.

Device name Settings: set the device name.

Device clock Settings: you can set the device time zone and correct time.

Local video path: set the video path and basic parameters.

Alarm service Settings: set the alarm protection mode, alarm trigger events and alarm protection time.

Mail service Settings: set the notice email, effect after checking email notification option, or checking upload picture after alarm triggers, pictures will be uploaded after alarm to the specified email.

FTP service Settings: set up the FTP address, the photos will be uploaded to the FTP server after alarm.

Alarm log: view the alarm logs.

Basic network Settings: manually or automatically assign IP Settings, modify the port.

AP parameter Settings: set the SSID and password (default password 123456789)

Wireless local area network (LAN) Settings: set equipment wireless router

DDNS Settings: set the device's DDNS server address.

PTZ Settings: set equipment basic state.

Multiple Settings: set up multi devices view.

user Settings: set user permissions level.

Maintenance: restart the device and restore factory Settings, equipment upgrade.

## Chapter III Parameter list

model		MJPEG PT IPCAM HD PT IPCAM	MJPEG Outdoor IPCAM HD Outdoor IPCAM	HD DOME IPCAM	HD Mini IPCAM	HD PTZ IPCAM
language		English、 Simplified Chinese、 Spanish				
Appearance	Cover	MJPEG PT IPCAM Iron grey	Silver gray	White+blue	black	Computer gray
		HD PT IPCAM black				
	Size	MJPEG PT IPCAM 120x100x100mm	MJPEG Outdoor IPCAM 145x65x66mm	127x127x91mm	110x85x50mm	142x142x230mm
		HD PT IPCAM 105x100x130mm	HD Outdoor IPCAM 168x83x83mm			
	IR LED	MJPEG PT IPCAM Φ5 10 IR led (night vision distance 8~12meters)	MJPEG Outdoor IPCAM Φ5 24 IR led (night vision distance 12~18meters)	Φ5 22 IR led (night vision distance 10-15meters)	Φ5 10 IR led (night vision distance 8-20meters)	Φ5 22 IR led (night vision distance 15-20meters)
		HD PT IPCAM Φ5 12 IR led (night vision distance 10~15meters)	HD Outdoor IPCAM Φ5 30 IR led (night vision distance 20~25meters)			
IO alarm input/output		MJPEG PT IPCAM None	MJPEG Outdoor	1ch input/1ch output	1ch input/1ch output	1ch input/1ch output

Storage Interface			IPCAM None			
		HD PT IPCAM 1ch input/1ch output	HD Outdoor IPCAM 1ch input/1ch output			
		MJPEG PT IPCAM None	MJPEG Outdoor IPCAM None	SD card slot	SD card slot	SD card slot
		HD PT IPCAM SD card slot	HD Outdoor IPCAM SD card slot			
CPU	ARM	ARM 7				
Image sensor	Image sensor	1/4" color CMOS sensor				
	lens	f: 3.6mm				
	minimum ill umination	0.1Lux				
	IR-CUT	MJPEG PT IPCAM None	MJPEG Outdoor IPCAM None	IR-CUT	IR-CUT	IR-CUT
		HD PT IPCAM IR-CUT	HD Outdoor IPCAM IR-CUT			
	PTZ	control mot or	Intelligent driver IC	X	X	X
Turn angle		MJPEG PT IPCAM horizontal 355°  vertical 120°	X	X	X	horizontal 355°  vertical 90°
		HD PT IPCAM horizontal 330°  vertical 90°				
Motor		Controllable: low spee	X	X	X	Controllable:low spee

d, middle speed, high

ed, middle speed,

30d,

	speed	speed				high speed
	Stepping motor	Stepping motor	X	X	X	Stepping motor
Video	compression	MJPEG				
	Frame rate	15fps(VGA),30fps(QVGA)				
	resolution	640 x 480(VGA),320 x 240(QVGA)				
	picture inversion	Vertical/horizontal				
	refresh rate	50Hz, 60Hz				
	video parameter	Brightness and contrast				
Audio	monitoring	Support two-way voice conversations, built-in speaker (duplex mode)	X	X	Support two-way voice conversations, built-in speaker (duplex mode)	X
	Amplifier	Support external amplifiers (sound)	X	X	Support external amplifiers (sound)	X
Communication	protocol	HTTP,FTP,TCP/IP,UDP,SMTP,ARP,ICMP,BOOTP,RARP,DHCP,PPPoE,P2P, UPnP,GPRS				
	Wireless protocol	IEEE 802.11b/g/n				
	Code rate	802.11b: 11Mbps(max.), 802.11g: 54Mbps(max.), 802.11n: 300Mbps(max.)				
	Wireless Security	Support WEP / WPA / WPA2 encrypt				
	Mobile phone	Support IOS、Android				

	view					
	Mail	Gmail、yahoomail、QQ、sina				
Power	standard	DC 5V/2.0A				
	consumption	5.5 W (max)				
environment	Temperature.	0° ~ 55°C (32°F ~ 131°F)				
	Humidity	20% ~ 85% No water vapor condensation				
	storage temperature	-10°C ~ 60° (14°F ~ 140°F)				
	Storage Humidity	0% ~ 90% No water vapor condensation				
browser	browser	IE6.0, IE7.0,IE8.0,IE9.0 firefox2.0 firefox3.0 or smartphone				
system	compatible system	Windows XP、Windows2003、Windows 7、Windows Vista、IOS				
certification	CCC    CE    FCC    ROHS    ISO					
accessories	1	Power adaptor × 1				
	2	bracket × 1	305 bracket	x	bracket × 1	x
	3	screw × 1 bag				
	4	Wi-Fi antenna × 1				
	5	CD × 1				
	6	drying agent × 1				
	7	Cable × 1				
	8	2.5*50*17mm wrench（only for Model HD Outdoor IPCAM）				



	9	---	HD Outdoor IPCAM Micro SD card installation steps	HD DOME IPCAM Micro SD card installation steps	HD Mini IPCAM Micro SD card installation steps	---
package size	Single packing	MJPEG PT IPCAM 17x21x12cm	MJPEG Outdoor IPCAM 200x110x132mm	18x15.5x12cm	150x110x105mm	259x238x140mm
			HD Outdoor IPCAM 230x130x132mm			
weight	Net weight	MJPEG PT IPCAM 0.3kg  HD PT IPCAM 0.35kg	MJPEG Outdoor IPCAM 0.6kg  HD Outdoor IPCAM 0.68kg	0.35kg	0.13kg	610g
	gross weight	MJPEG PT IPCAM 0.62kg  HD PT IPCAM 0.67kg	MJPEG Outdoor IPCAM 1kg  HD Outdoor IPCAM 0.75kg	0.65kg	0.45kg	1.2kg