



F series IP Camera user Manual

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1. Products Introduction

An IP Camera is a new-generation product combining an analog camera & IP video technology. Not only having the full functions of an analog camera, an IP camera can also compress and encrypt video and audio signal through internet by sending them to remote terminals with its built-in processor and web server. Via its IP address, users can use standard PC IE browser to view IP camera, monitor targets in real time, manage and store video or image. PTZ control is also available through network.

Being a new member of the camera family, IP camera shares the same operation functions with an analog camera, such as auto white balance, auto shutter speed, AGC, auto backlight compensation etc. At the same time, an IP camera also supports remote access through internet and multi-user visit. Some IP cameras are even able to extend to both analog and digital signal.

F series IP camera's core is 32Bit RSIC. It adopts standard MJPEG compression format. The camera sensor is CMOS which supports auto white balance and backlight balance, enables IE, cell phone browser, and centralized monitor interface management. In general, IP Cameras can have functions like audio simplex & duplex, infrared, wired, wireless, POE, PZT, local storage. Therefore, there are hundreds of IP Camera products to meet the requirements of different users.

1.1. Specifications

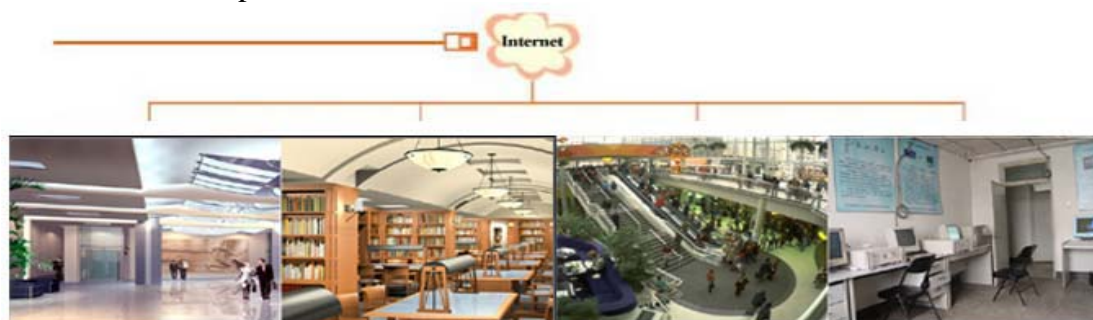
- *- Use high performance, strong function media processor 32Bit RSIC
- *- High Sensitivity sensor CMOS
- *- Adopt optimized MJPEG video compression algorithm, making high-definition images transmission in a narrow bandwidth possible;
- *- Support maximum of 5 users viewing at the same time, no limitation of users if using Forwarder Server function;
- *- Built in Web Server, convenient for users to use standard browser for real time monitoring and administration setting;
- *- Support WIFI: 802.11b/g wireless networking;
- *- Support remote system update;
- *- Support DDNS analysis, support LAN & Internet (ADSL、Cable Modem)
- *- Support a variety of network protocols: TCP/IP, UDP, SMTP, PPPoE, Dynamic DNS, DNS Client, SNTP, BOOTP, DHCP, FTP, SNMP, WIFI/802.11b/g
- *- Selected models support one/ two way audio talkback;
- *- Support Motion Detection and alarm function (set area & sensitivity);
- *- Support image snap
- *- Abnormal automatic recovery function, if connect to the network automatically when there is network interruption
- *-Support mobile view
- *- Selected models support 15 preset positions and change to preset positions when alarm is active

Image Compression Format	Standard M-JPEG
Sensor	CMOS, 300,000 pixel
Image Resolution Rate	VGA (640x480) /QVGA (320x240)
Network interface	RJ-45/10-100 Base T , 802.11b/g
Network protocol	TCP/IP,FTP,SMTP,HTTP,UDP,DHCP,NTP,DDNS,UPNP,DNS,PPPOE
Image Max Transmission Rate	30 frame/second (QVGA) , 15 frame/second (VGA)
Alert control	Output: 1 router (5VDC, 0.1A); input: 1 router (closure Trigger)
Motion Detection	Support
Software Update	Users automatically upgrade
Monitor Mode	IE browse or special program
Playback Mode	Microsoft Media Player
Security	3rd ranks password authority setting
Minimum illumination	2.0Lux@550nm
Auto White Balance	Support
Working environment	-10C°– 50C°, 20% - 80%RH

Parameters Form

1.2. Applications

This series of products usually can be used in big departments, supermarkets, homes, factories, workshops and etc.



Please check if all of the below items are included in the package:

Wireless IP Camera.....	1
Wi-Fi Antenna.....	1
DC Power Supply.....	1
CD.....	1
Manual.....	1
Mounting Bracket.....	1
Screws.....	2

NOTE: Contact us immediately if any of the above items is/are damaged or missing

1.3. System Requirements

Minimum Hardware Configuration

CPU: Pentium 1.6 GHz

Memory: 256MB

Audio card: need audio monitor, two ways talk essential

Hard Disk : if need to record video image, no less than 40G

Operation System: 32 bit simple/ English Windows 2000、Windows XP、Windows 2003、Windows Vista & 64 bit simple Chinese/English Windows 2003、Windows XP、Windows Vista etc.

Software environment: IE 5.0 or above version

DirectX8.0 or above version

TCP / IP network protocol

2. Interface & Installation

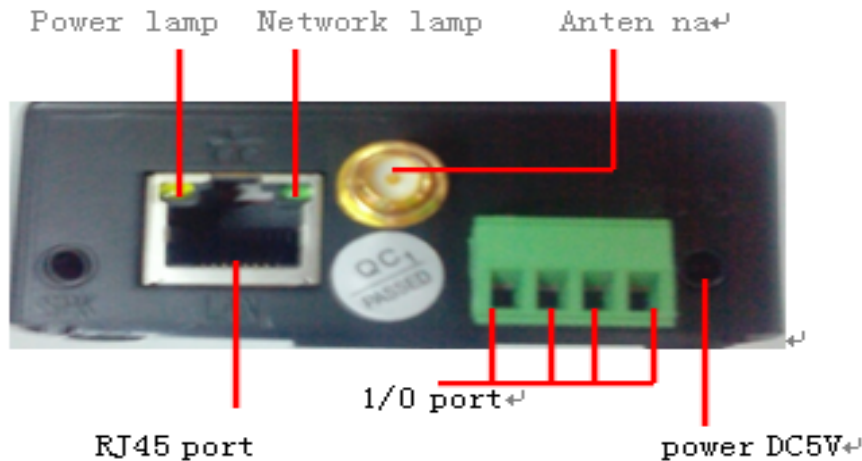
There are two kinds of interface for F series IP camera: body guard interface and extend line interface. Detailed explanations for two representative products are as followed:

Non-extended line IP Camera icon Extended line IP Camera icon



2.1. Interface

The back of a non-extended line IP Camera:



Power Supply Light: constantly on when power is on

Network light: constantly flashing which indicates data transmission when power is on.

Ethernet interface: RJ-45 interface.

I/O interface: 1 for alarm input, connect 3 & 4 these two terminals (input terminal grounding, low level effective trigger); 1 for TTL control input, connect 1 & 2 these two terminals.

Power input interface: connect directly to 5V current Power

Extension line IP Camera:

Power: direct current 5V.

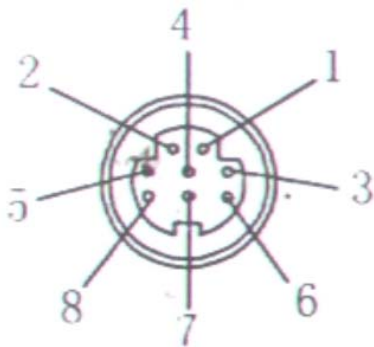
GPIO alarm interface: accept external connection linking to alarm equipment (for example: door magnet, infrared)

Reset line: Short circuit the two lines to power off, then power on for 10 seconds to return back to default setting

Ethernet interface: RJ-45 network interface.

Backup: follow-up product extend interface.

About GPIO alarm interface (S terminal) definition:



- 1# +DC12V
- 2# RS485 (A)
- 3# Earth (GND)
- 4# IO2 (OUT PUT)
- 5# RS485 (B)
- 6# IO1 (IN PUT)

GND: Ground, alarm input ground, RS485 ground

RS485: RS485 control interface, left

connection RS485 negative right connection RS485 positive. connect to P/T decoder, support various PTZ protocol.

2.2. Installation

An IP camera processes image transmission on the network through the use of Internet technology, which offers DDNS function for static IP, dynamic IP and PPPoE dialing users. IP Camera can connect to outer net through LAN, which can also be connected directly.

There are 3 commonly used network connections in IP Camera:

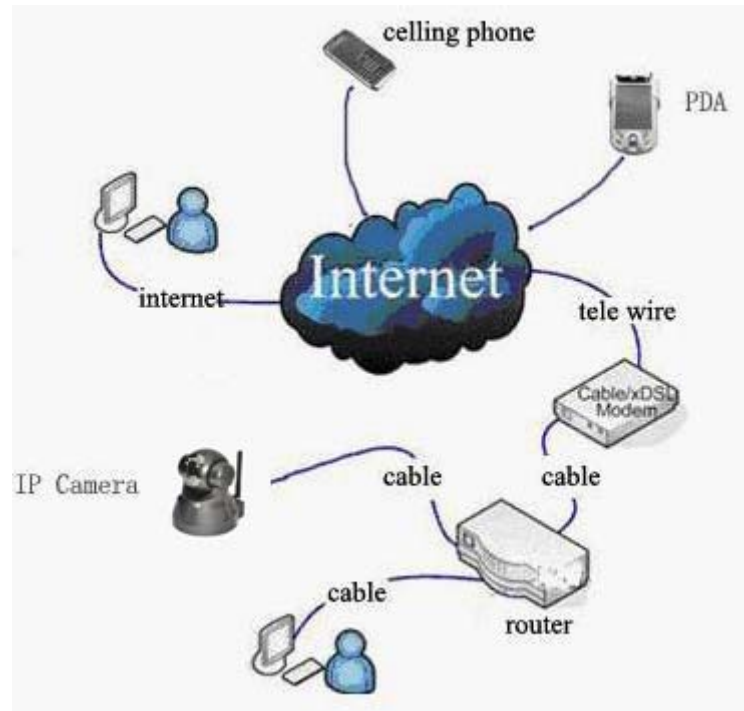
2.2.1. Installation in LAN.

This is the most popular method for network access as long as there is a router. Connect internet cable to the router, and then connect the IP camera the same way as a PC, as shown in the following picture:



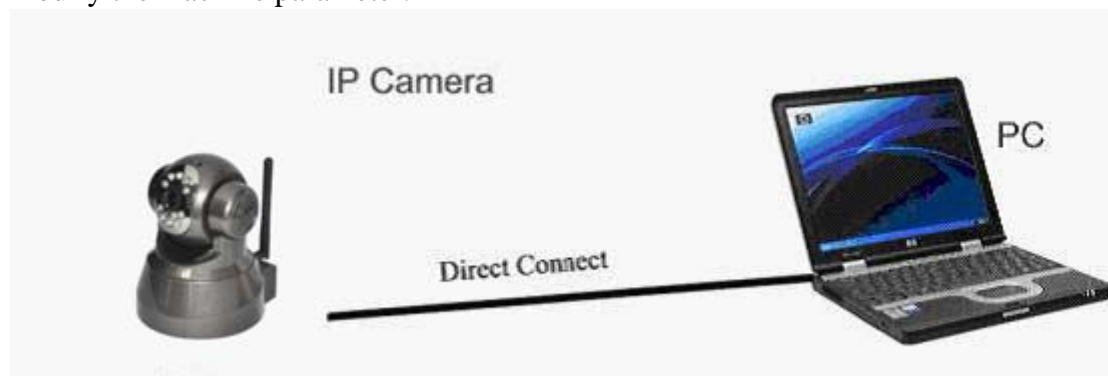
2.2.2. PPPoE Installation

Under this circumstance, users need to set up a PPPoE dialing parameter in the IP Camera: input the username and password provided by ISP supplier, this will allow the IP Camera to connect to internet by dialing connects. As for setting the PPPoE dialing parameter, you can connect the device to network through the first method, and then write the parameter to the device, or through the following third method which directly writes process parameter to the device. Please refer to 3.4.5. for detailed steps on how to set up PPPoE



2.2.3. IP Camera & PC connection

This method is not used frequently. If you process machine write parameter or program shift, we suggest you to use the first method to connect to the network to modify the machine parameter.



Connect power to IP camera (note: make sure it is the correct power), video should be connected via internet cable to IP camera in a minute after the modification. Under the normal condition, the yellow light is on and green light flickers when the IP camera is connected.



(In order to connect successfully, we advise you to set the camera's IP as the stable IP at the same net range of your PC in LAN. Please refer to 8. Frequent asked questions on how to set camera IP as the stable IP at the same net range of PC in LAN).

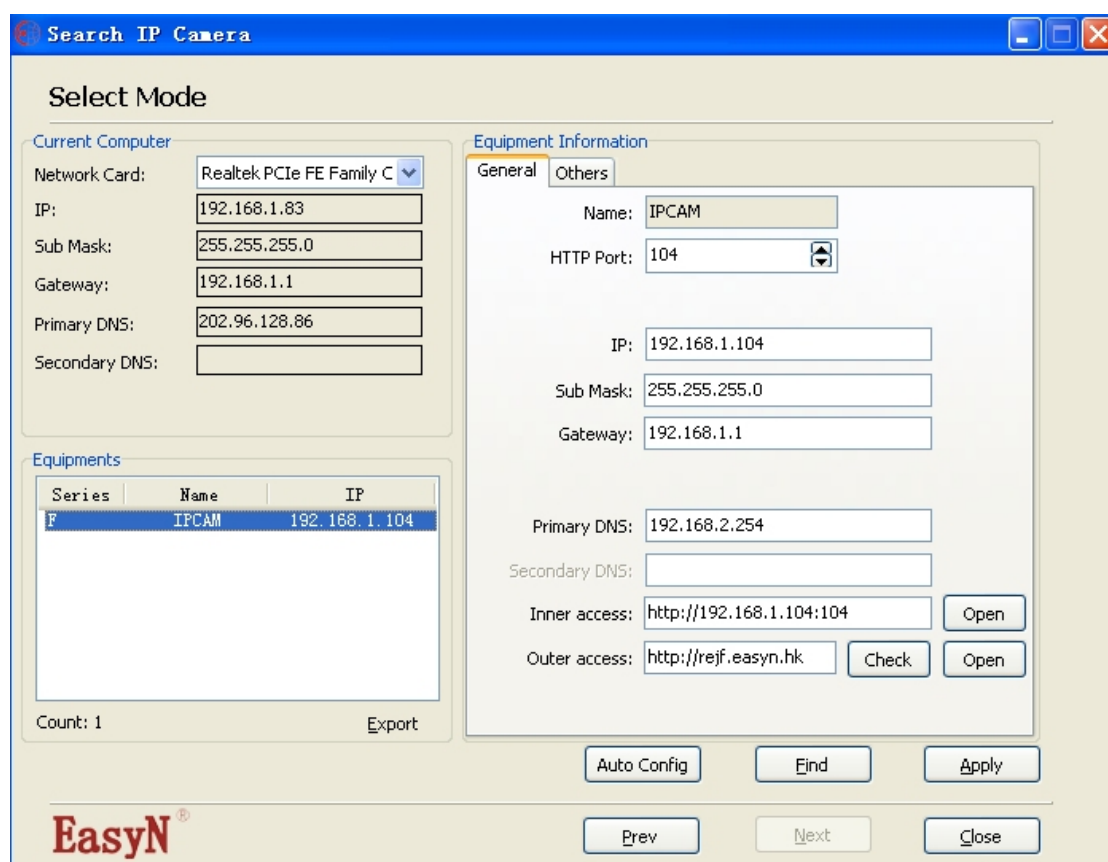
3. IE Browse to IP Camera

After the IP camera is connected to the PC LAN through a router, you can operate the IP camera via PC. To start, run the software that is in the CD given.

3.1. Use Finder




Run the CD, double click  file, and double click . A search bar icon will be found, double click search bar, and then the following interface will appear:




If the internet is connected, it should show device styles, name, and IP address in the device list, (if it does not show, please check your power & internet cable connection).

The left side of the interface contains the current computer configuration information; while the right side contains information on the selected device network configuration. Default IP camera address will be set automatically according to the LAN, manually setting is not needed (Note: DHCP should be opened in the router), HTTP port is 81.



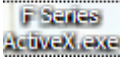
Inner Access refers to the LAN access address; **Outer Access** refers the WAN access address.

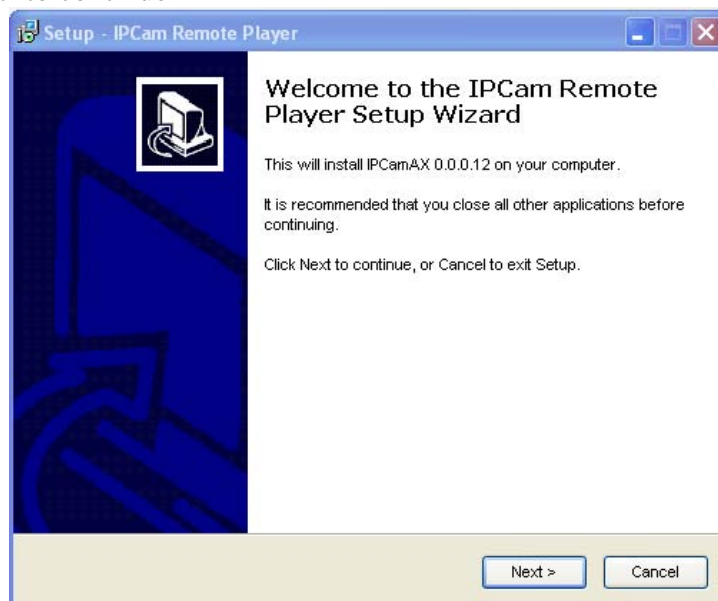
	<p>Before external net visit IP camera, port forwarding is necessary in the router, for more detail please refer to “Port Forwarding Settings in router “in 8.1 sections.</p>
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	<p>Note:</p> <ol style="list-style-type: none"> 1. Device information indicates IP camera information. 2. When the current computer has a fixed IP, (namely non-DHCP IP), and the IP camera is used for the first time, please click automatic setup, so the IP address of the IP camera, gateway and DNS can be the same with the PC. 3. If you need to manually modify the camera name, HTTP interface, IP address, sub-net mask, gateway, main DNS server, backup DNS server, etc. please click apply after the modification, and then enter IP camera username and password. Click confirm after that.
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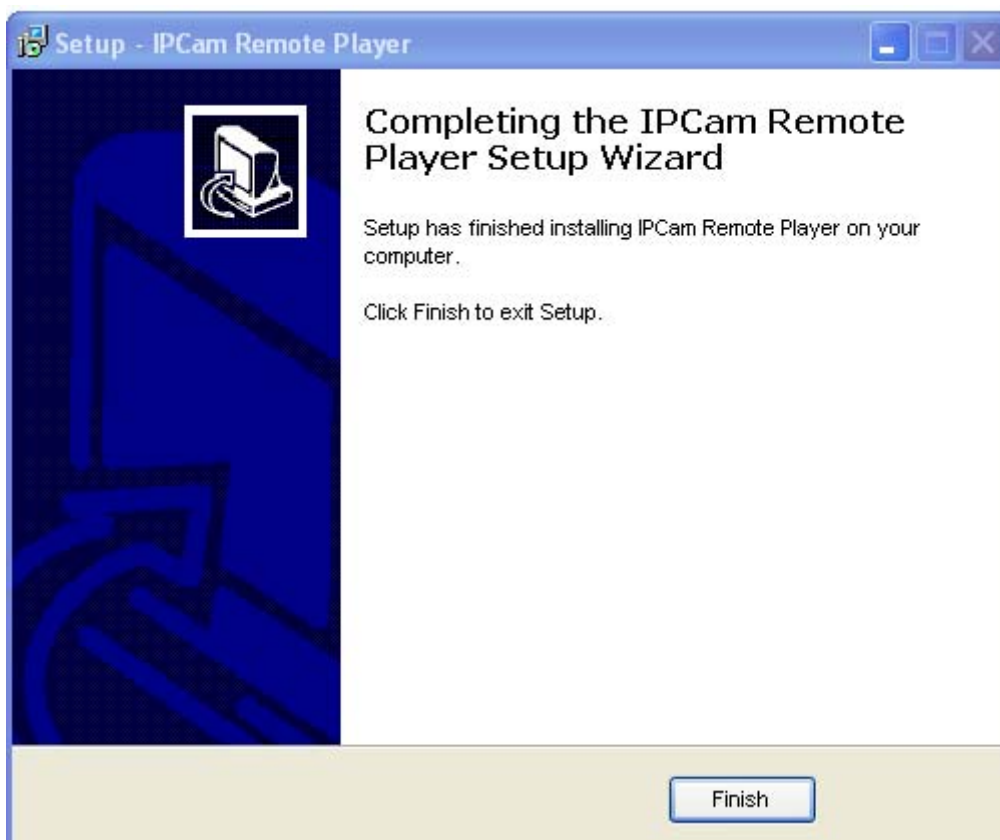
3.2. Logging and Active X Installation

Before IE monitoring through the web, it is necessary to install a video plug-in, there are 2 kinds of installation mode as shown below:

1. Open disk,  ActiveX  file, double click inner  and process installation. The installation process is shown as below:
 - a. Click ‘next’ to continue



- b. Click ‘finish’.



2. Open the web page by clicking the 'open' button which is next to the inner visit address or outer visit address in the search bar, or you can directly input the inner or outer visit address in your browser, for examples, <http://192.168.1.126> (LAN) , <http://dpvz.ipcam.hk> (WAN) .

3. When connected through outer network, a log-in interface will appear:



Enter the log in information, click OK to enter. An installation pop-up will appear. If it is blocked and requires plug-in installation by antivirus software, please remove the block.

Note:

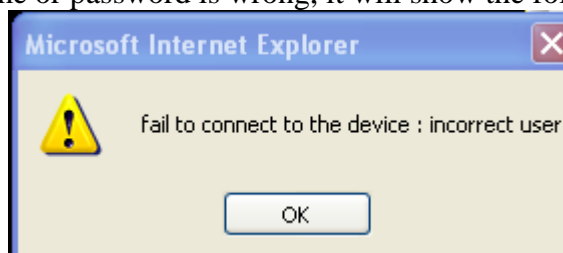
1. Default device account is admin, leave password blank.
2. M series IP camera doesn't support Firefox browser, but F series does support Firefox browser.

3.3. Operation Keys

After successful logged in, the video will be on the left side, and control buttons used for operations will be on the right side:

3.3.1. Equipment Status

When login name or password is wrong, it will show the following hint:



3.3.2. Administrator Operation

Click **Sign in**, a pop-up window will appear, Sign in with ActiveX Mode (for IE)

EasyN IP Camera

ActiveX Mode (For IE Browser)

Sign in

Server Push Mode (For FireFox, Google Browser)


Sign in

Mobile Phone (For Browser that supports Javascript)

Sign in

iPod touch / iphone 2G, 3G, 3GS, 4 and iPad dedicated

Sign in

Language: 

do not show next time



3.3.3. Operation

1. Image mirror indicates a reverse image.
2. Resolution, mode, brightness, contrast default setting are: 320*240、50HZ、6、4, mode is mainly for the adjustment of Light strength, please adjust to 60HZ when lighting is poor or in dark.
3. There are 3 browse modes in IE mode: visitor, operator, and administrator. The authority of administrator is the highest. Log in as different authorities, the operation will be different. Regarding to 3 user authorities, please refer to 3.4.4. Equipment User Administration.

3.4. Basic Settings

Click administration operation , enter the parameter

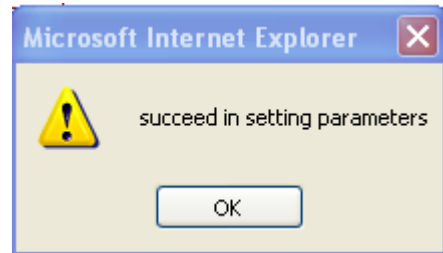
IP Camera Options

Device Info		
Alias Settings		
Date & Time Settings		
Users Settings		
Basic Network Settings		
Wireless Lan Settings		
ADSL Settings		
UPnP Settings		
DDNS Service Settings		
Mail Service Settings		
Ftp Service Settings		
Alarm Service Settings		
Maintaince		
Back		

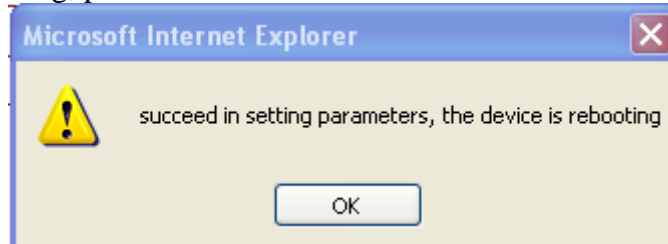
Device Info	
Device ID	00A8F000427E
Device Firmware Version	4.2.1.37
Device Embedded Web UI Version	4.4.1.35

Note: in basic setting, when you make a modification, please click setting. A hint interface will pop up

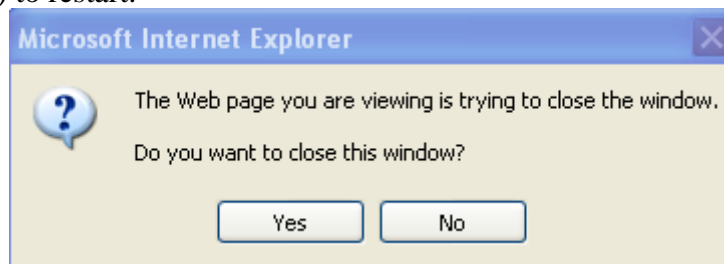
1) the right interface will indicate the parameter setting operation is successful, please click OK then refresh.



2) the right interface will indicate the parameter setting operation is successful, and need to reboot the IP camera to finish the setting, please click OK.



Click yes (Y) to restart.



3.4.1. Device Information

The device information includes the above interfaces, device serial number (MAC)、 device system firmware version, device application firmware version.

3.4.2. Device Name Settings

Alias Settings	
Alias	<input type="text" value="IPCAM"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

The table here displays camera name, which is on the search bar and for the setting of multiple channels equipment, etc.

3.4.3. Device Clock Settings

Date&Time Settings	
Device Clock Time	1970年1月1日 8:20:02
Device Clock Timezone	(GMT) Greenwich mean time; London, Lisbon, Casablan <input type="button" value="v"/>
Sync with NTP Server	<input checked="" type="checkbox"/>
Ntp Server	time.nist.gov <input type="button" value="v"/>
Sync with PC Time	<input type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

You can adjust time via NTP server or PC in this table.

3.4.4. Device User Settings

User can proceed with setting in the interface as shown below. The system is available to administrator, operator, and visitor with different authority.

Users Settings		
User	Password	Group
admin		Administrator <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
		Visitor <input type="button" value="v"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>		

Note: At least one administrator is required for the device;

3.4.5. Basic Network Settings

Basic Network Settings	
Obtain IP from DHCP Server	<input type="checkbox"/>
IP Addr	192.168.2.126
Subnet Mask	255.255.255.0
Gateway	192.168.2.254
DNS Server	202.96.128.86
Http Port	81
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

This table is for DHCP and IP configuration. Port forwarding is needed. If you want to set the IP address, please fill in the relative IP address、subnet mask, gateway,

DNS server, Http port;

3.4.6. Wireless LAN Settings

Wireless Lan Settings	
Using Wireless Lan	<input checked="" type="checkbox"/>
SSID	<input type="text" value="dink"/>
Encryption	<input type="text" value="None"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

There are 5 security modes regarding to the wireless networking setting: **None, WEP, WPA Personal (TKIP), WPA Personal (AES), WPA2 Personal (AES) and WAP2 (TKIP+AES)** .

Note:

1. To connect the internet through a wireless network, the camera SSID number must be the same with the wireless router and the SSID number of other AP device(s),
2. Our default camera SSID number is 'dink'.

3.4.7. ADSL Settings

ADSL Settings	
Using ADSL Dialup	<input type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

When the IP camera needs to be connected to ADSL directly, just check the ADSL box to run, then enter the ADSL user name and ADSL password which are provided by the ISP (network suppliers), and click 'submit' to save;

3.4.8. UPnP Settings

UPnP Settings	
Using UPnP to Map Port	<input type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

The full name of UPnP is Universal Plug and Play, which is Plug_and_play. It is the same as automatic port forwarding.

Router must support this function in other for it to work. Check on it and press submit to allow this function.

3.4.9. DDNS Settings

DDNS Service Settings	
DDNS Service	IPCam <input type="button" value="v"/>
DDNS User	bahl
DDNS Password	●●●●●●
DDNS or Proxy Server	user.ipcam.hk
DDNS or Proxy Port	808
DDNS Status	Connecting ...
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

All of the above information has been set up when the device is ready. Users generally do not need to make changes. In case of any accidental loss of information, user will need to re-obtain the domain name and fill it in himself. The user's name is just the first four characters of the remote access. For example, if the IP address is http://abcd.ipcam.hk, the user's name is abcd. The password is DDNS. (The password can be obtained from the device body or through contacting the supplier). When connected, it displays "xxxxx is OK" on DDNS state; it means that the settings have been successfully set. If you need to use your own Dynamic DNS, please select the appropriate service providers (on DDNS service) then enter the appropriate information, and then save it.

3.4.10. SMTP Settings

Mail Service Settings	
Sender	<input type="text"/>
Receiver 1	<input type="text"/>
Receiver 2	<input type="text"/>
Receiver 3	<input type="text"/>
Receiver 4	<input type="text"/>
SMTP Server	<input type="text"/>
SMTP Port	25
Need Authentication	<input type="checkbox"/>
	<input type="button" value="Test"/> Please set at first, and then test.
Report Internet IP by Mail	<input type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

The above settings are for the alarm function, enter the sender's email address under sender, and recipient's email address(es) under receiver 1,2,3,4. SMTP server should be filled in with the SMTP server of the email of the sender, for example the www.easyn.com

sender email address is abc@163.com, enter 'mail.163.com'. In general, SMTP port is 25. If the SMTP port need authentication, check the box and enter SMTP user name and SMTP password, which are provided by Email provider, and then test. Please check Report Internet IP by Mail if you want to provide the Internet IP in the email being sent. The e-mail server and other information can be obtained from the mail service provider. The email notifications are pictures captured by camera when alarm is on. You don't have to enter all these information if you prefer to be notified through email when the alarm is on.

3.4.11. FTP Service Settings

Ftp Service Settings	
FTP Server	<input type="text"/>
FTP Port	<input type="text" value="0"/>
FTP User	<input type="text"/>
FTP Password	<input type="text"/>
FTP Upload Folder	<input type="text"/>
FTP Mode	PORT <input type="button" value="v"/>
	<input type="button" value="Test"/> Please set at first, and then test.
Upload Image Now	<input type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

The above settings are similar to those of the Mail service Settings. Please enter FTP server, FTP port, FTP user, FTP password, FTP upload directory and FTP mode. The FTP mode has two options: PORT and POSV. If a quick upload picture is need , select Upload Image Now and change its interval (second) .

3.4.12. Alarm Service Settings

As shown below, there are two modes of alarm trigger. One of them is motion detection (please refer to the interface below). The sensitivity of motion detection can be adjusted according to the requirement of the user, the higher the number is, and the lower the sensitivity is. Another alarm trigger is input alarm, when connected, it triggers alarm through alarm input signal which is linked to the alarm GPIO;

When triggered, there are 3 alarm modes: 1) IO alarm linkage, camera connects with linked alarm box through GPIO, sound the siren ; 2) email notification which sends email with images captured; 3) upload pictures alarm, as the way mentioned before FTP upload pictures alarm, Upload pictures interval (second) keeps consistent with the mentioned upload pictures interval of Ftp service settings.

The schedule refers to the arming time:

IP Camera Options

Device Info	Alarm Service Settings	
Alias Settings	Motion Detect Armed	<input checked="" type="checkbox"/>
Date & Time Settings	Motion Detect Sensibility	2 <input type="button" value="v"/>
Users Settings	Alarm Input Armed	<input checked="" type="checkbox"/>
Basic Network Settings	IO Linkage on Alarm	<input checked="" type="checkbox"/>
Wireless Lan Settings	Send Mail on Alarm	<input checked="" type="checkbox"/>
ADSL Settings	Upload Image on Alarm	<input checked="" type="checkbox"/>
UPnP Settings	Upload Interval (Seconds)	<input type="text" value="0"/>
DDNS Service Settings	Scheduler	<input checked="" type="checkbox"/>
Mail Service Settings	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
Ftp Service Settings	Sun	
Alarm Service Settings	Mon	
Mantaince	Tue	
Back	Wed	
	Thu	
	Fri	
	Sat	
	<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

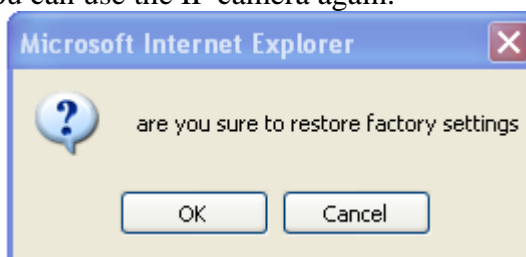
3.4.13. Reset/Firm Ware Upgrade

This table is for camera firmware upgrade, it includes updating device system firmware and device application firmware. Be careful when you apply it!

Maintenance	
Restore Factory Settings	<input type="button" value="Restore Factory Settings"/>
Reboot Device	<input type="button" value="Reboot Device"/>
Upgrade Device Firmware	<input type="button" value="Upgrade"/>
Upgrade Device Embedded Web UI	<input type="button" value="Upgrade"/>

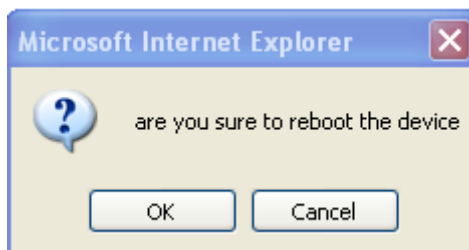
3.4.14 Restore factory Settings

If user(s) forget the password, the IP camera can be restored to the original ex-factory settings. When you click the key, a picture will pop up, Click ok, and wait for 1 minute, and then you can use the IP camera again.



3.4.15 Reboot Equipment

Click restart, as appeared in the below picture. Click ok, wait for 1 minute and



you can use the IP camera normally again.

4. Central Management System

Please refer to the Central Management System User manual

5. Mobile Access

5.1. Smart phone Access

Smart phones are the mobile phones with an operating system, such as Windows Mobile and Symbian. Due to its powerful function, the web page browser of such phones usually supports JavaScript. That's why the phones can visit the dynamic pages of the IP camera through web page browser.

First of all, the mobile phone must have internet access ability.

Use the browser on the phone to visit the address of the IP camera, e.g.

<http://demo.ipcam.hk> ("demo" is the Serial No. Each device only has one Serial No)

Let's take the Opera mini 4 Version on Windows Mobile as an example, we are going to go through the whole procedure. Enter access address <http://demo.ipcam.hk> in the browser address bar, and the following interface will appear:



2. Input the Username and Password of the device, and the following interface will appear. There are three log-in options. Click on the third “Sign in” and use Mobile Phone mode.

‘Language’: to select the display language.

‘Do not show next time’: When this option is selected, this interface will not appear when you log in next time. It will directly skip to the monitor image.



Description for the monitor image:



Instruction for the Key Function:

:

Update: it is used to refresh the page. If the monitor picture is kept still, you may press this key to update the page.

Up, down, left, and right: They are used to rotate the camera P/T. The camera without P/T does not have these keys.

Stop: Stop rotating the camera

The Download address of the mobile browser Opera mini: <http://mini.opera.com>. Please download the Opera mini browser according to the mobile model.

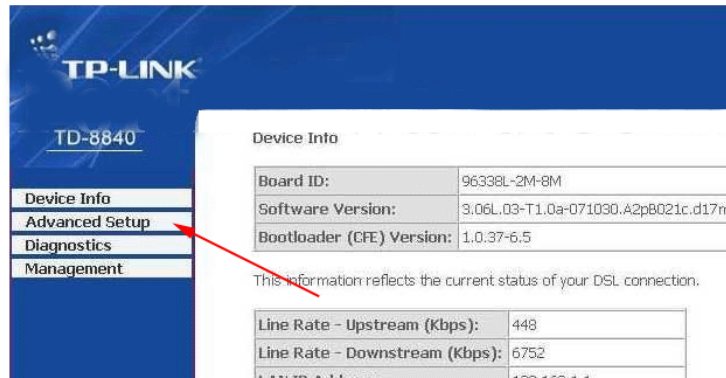
6. Others

6.1. Port Forwarding Settings in router

When users visit the IP camera via outside web, port forwarding settings in router is a must. Different brands of router refer to port forwarding with different names, but the basic operation method is still the same.

Let's take the TP-LINK TD-8840 router's port mapping setting as an example. The TP Link Router's inner web IP address is 192.168.1.1; the IP camera's inner web address is 192.168.1.50, with port as 85.

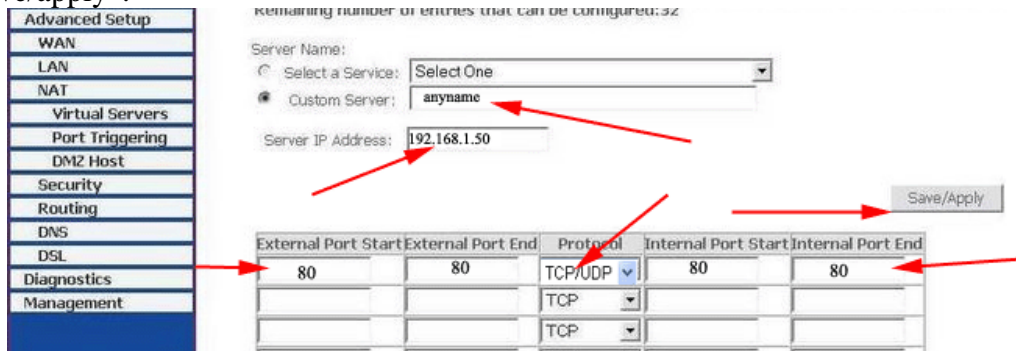
1. First log in to the router's web administration interface.
2. Click "Advanced Setup" on the left side



3. Click “virtual server” in the unfolded menu.



4. Fill “80” under the right port start or port end, "192.168.1.50" under **Server IP address**, select "TCP/UDP"OR” “TCP” for protocol. Don’t forget to click “save/apply”.



After completing port forwarding, you can visit the IP camera through device code in outer net remotely;






Default visit addresses for common used router are as followed:

1. TP-LINK ex-factory definition router address is 192.168.1.1
2. DLINK ex-factory definition router address is 192.168.0.1
3. Linksys ex-factory definition router address is 192.168.1.1
4. 3com ex-factory definition router address is 192.168.2.1
5. Microsoft ex-factory definition router address is 192.168.2.1
6. Net gear ex-factory definition router address is 192.168.1.1
7. Asus ex-factory definition router address is 192.168.1.1

6.2. F series Production Specification (Part)

The F series have products with various configured specification. Users can choose the best one according to their requirements.

Image	Specification
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	wireless , indoor
	Infrared bullet camera , wireless, infrared 20m waterproof
	Wireless, infrared 10 m, Audio, Level & vertical rotation P/T
	Cell indoor select infrared night vision 20 m
	Cell indoor overall rotation P/T , 3.5" mini dome

7. Frequently Asked Questions

Question: Why can't I find the IP camera using the search bar?

Answer: 1. Please check whether the IP camera and search bar are located in the same LAN network;
 2. Please check the connection of the internet cable and power. **【Under normal circumstances, power light (yellow) is constantly on, network light (green) constantly flickers】**
 3. The Firewall installed in the computer may have blocked the IP camera.

Question: Do F series products support P2P technology?

Answer: Yes. Users can turn this this function on at the centralized management interface or platform. Applying P2P technology can solve the problems raised by multiple users visiting one IP camera at the same time, which is mainly because the network technology allows users to share IP camera video data.

Question: What is the max no. of areas for motion detection of the F series?

Answer: F series support 1 motion detection area, which is a whole image.

Question: Do the F series products allow users to browse dynamic video through their cell phone?

Answer: Yes, but only for the cell phones that support JAVA.

Question: Where can we download the cell phone visiting program?

Answer: Please refer to the first chapter of the manual for cell phone visiting.

Question: Does centralized monitor interface support Vista & Linux system?

Answer: Just Vista system. It does not support Linux system at the moment.

Question: How can I set my IP camera in the same network segment as my PC in LAN?

Answer: First you can use search bar to find out the camera, then click the auto set button.

Question: What are the models of cell phone support online viewing for the F series?

Answer: Generally, cell phone with Java MIDP 2.0 program can watch dynamic video.

Examples of cell phone models are NOKIA E71, 6122C MOTO A3000, NOKIA N70-73 N95 N98, Samsung U608 etc.

Question: Why can't I visit my IP camera through the cell phone software?

Answer: 1. Please check whether the cell phone supports Java program;

2. Please check if the cell phone has allowed WAP function, and has set the WAP factors correctly.

3. Make sure that the IP camera can be visited through the internet;

Question: Why is the image from the IP camera's image too white or dark?

Answer: Please try to modify the camera mode at the IP camera interface.

8. Warranty

During the period of warranty, users will not be charged for maintenance of any breakage resulting from the products 'own failures.

8.1. Warranty Terms

- a) Free-of -Charge maintenance period of the product is 18 months. During this time, we can repair it for free (Damages not caused by misuse or vandalism). For reparation after guarantee period, a maintenance fee will be charged.
- b) During the warranty period, for breakdown caused by misuse or other reasons that are out of the range of warranty, users can repair the products by showing this card. We will only charge for components.
- c) When the products need maintenance, please hand in the card together with the products to the manufacture or local distributor.
- d) Opening the inside of the products and tearing up the sealing label privately is out of the warranty range.
- e) We do not repair the damaged item after it has been modified or added other functions.

Under the following circumstances, the maintenance will be charged:

1. Period check, maintenance or change components due to normal attrition.
2. Damages due to crash, extrusion, artificial flooding, moisture or other personal reasons.
3. Damages due to floods, fire, lightning strike and other natural calamities or force majored incidents factors
4. Repaired item by non-authorized repair centers.

For all of the above terms, please refer to the relevant regulations if these are any changes.

8.2. Warranty Card

Manufacturing Date:		Product Specification:	
Inspector:			
Version number :			
Product Model			
Sale Dates			
User Company			
User name			
Customer Address			
Contact Number			
Date of Maintenance	Conditions Failure	Results of Maintenance	
Remark:			
Note: please fill in the card and submit it with products for repairing purposes			