720P AP Series Network IP Camera

(*For PC View*)

User   Manual

Thank you for buying our products

This security camera can offer you the freedom to get your home or business surveillance via network anytime and anywhere, and you do not need any special driver software, just by the Microsoft IE, Safari, Firefox, Google Browser , your iPhone or other cell phone with Android system. It comes with alarm function, when somebody appears on the camera under alarm function, it will take a picture or sound the alarm and email the pictures to you immediately. Now the product has been used in various places, such as warehouse, office, supermarket, and doorkeeper and so on. Get the security surveillance, to enjoy the home or business security and the fun to watch what happened on a trip.

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1. Product Introduction

1.1. System Requirements

CPU:	2.06GHZ or above
Memory:	256M or above
Network Card:	10M or above
Display Card:	64M or above
Operating System:	Windows XP/Vista/Windows 7 (32 bit)
Hard Disk Drive:	No Maximum Storage Requirement
Internet Explorer:	Version 5.0 or above
DirectX:	Version 8.0 or above
Audio Card:	PC must have microphone and speaker connected and configured for 2-Way audio play.
Network Protocol:	TCP/IP, UDP, SMTP, PPPoE, Dynamic DNS, DNS Client, SNTP, BOOTP, FTP, SNMP, Wifi (802.11 b/g/n)

1.2. Product Views

1.2.1 Front View

Indoor IP Camera   Outdoor IP Camera

1.2.2 Interface View

Indoor IP Camera   Outdoor IP Camera

1.3 Hardware Installation

Follow the steps below to set up your camera hardware. Make sure to follow each step carefully to ensure that the camera operates properly
1. Install the Wi-Fi antenna (For wireless IP Camera) .
2. Plug the power adaptor into camera
3. Plug the network cable into camera, the other side to the router/switch
4. It takes about 30 seconds to boot up the camera, When the camera was powered on and network cable connected, the green led of the real panel will keep on, The yellow led will keep flash.

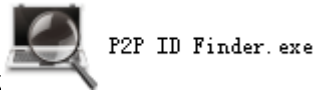**Figure 1.1**

1.4 Software Installation

Figure 1.2
Insert the CD to install the following software:

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

2. Click ![IPCam ActiveX.exe icon], Install the IPCam ActiveX（This software is for P2P ID Finder Preview the camera）.

3. P2P ID Finder: click ![P2P ID Finder.exe icon] ,The P2P ID Finder.exe will run automatically. (No need install. You can copy this software to your desktop.)

Android Mobile View Software   P2P ID Finder Software   oPlayer.msi Windows Installe... 1,019 KB   User Manual for IP Camera.pdf Adobe Acrobat Do...

Figure 1.3

2. Software operation

2.1   P2P ID Finder Software

2.1.1   **Search the IP address , P2P ID for the camera**.

When the camera has been mounted properly, you double click the Icon " ![P2P ID Finder.exe icon] " run this P2P ID Finder software. Search the IP Address,and P2P ID.
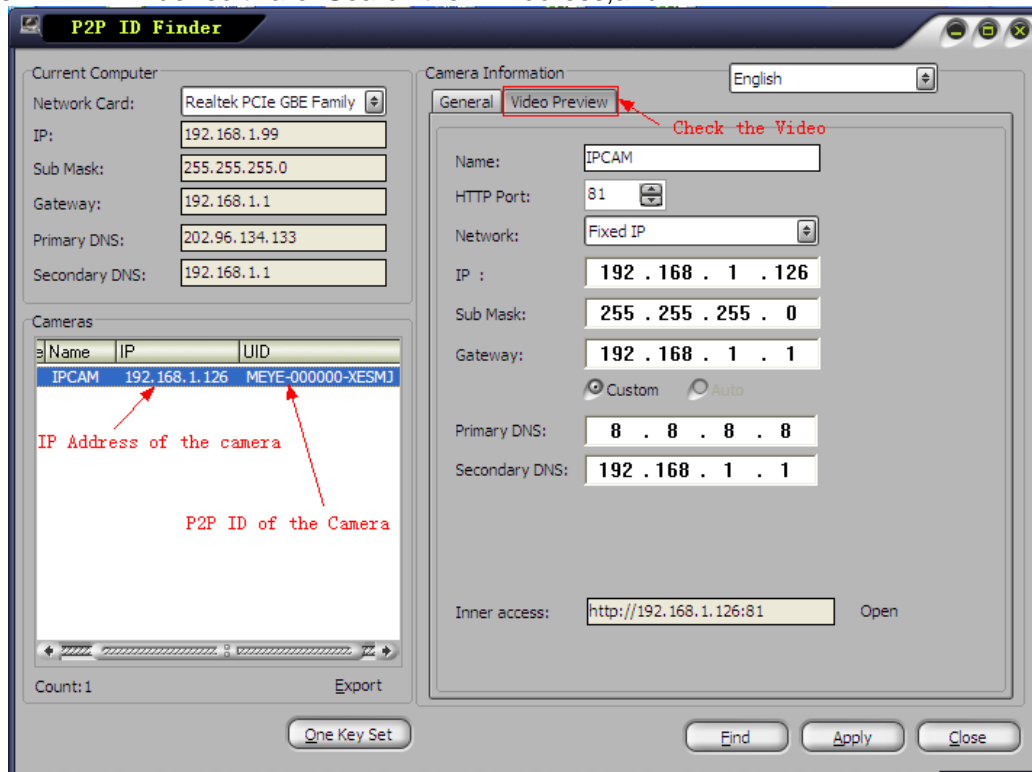
Figure 2.1

Note: The software searches IP Servers automatically over LAN.

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There are 2 cases:
1. No IP Cameras found within LAN. After about 1 minute search, the Equipments List Field not show the IP address.
2. IP Cameras have been installed within LAN. All the IP Cameras will be listed and the total number is displayed in the Equipments list field as shown in Figure 2.1

Note：
    1. Current Computer indicates the Computer's IP Address information.
    2. Equipment information indicates the IP camera's IP Address information.
    3. If you find that the camera's "Subnet Mask", "Gateway", "DNS Server" is not as some as your current computer's, (**Figure 2.2**) . You need try to change the camra's IP address. Make sure the "Subnet Mask", "Gateway", "DNS Server" is the same as your router's or your current computer's.

    4. If you don't know how to configure your camera's IP address. You can click

" One Key Set " button. The Search Tool software can help you configure a usable IP camera automatically.
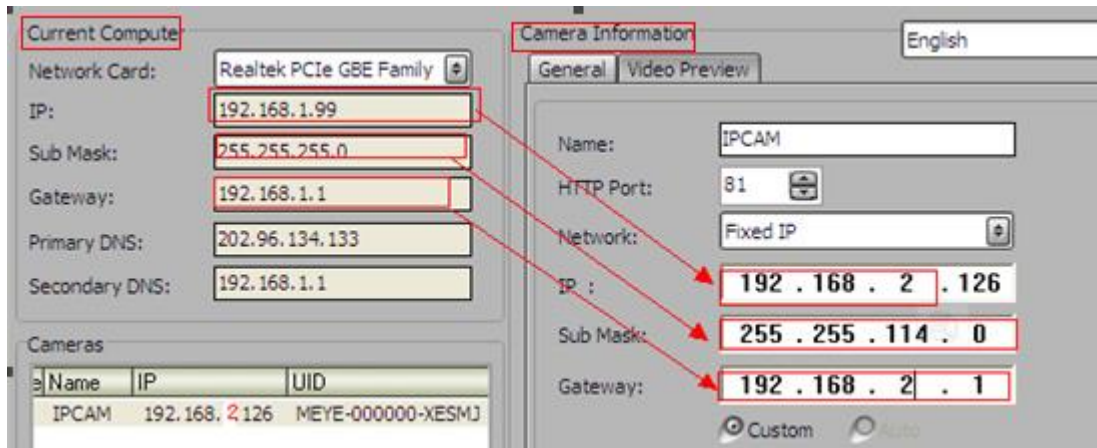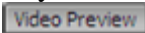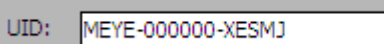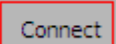

Figure 2.2

2.1.2 **Preview the camera.**
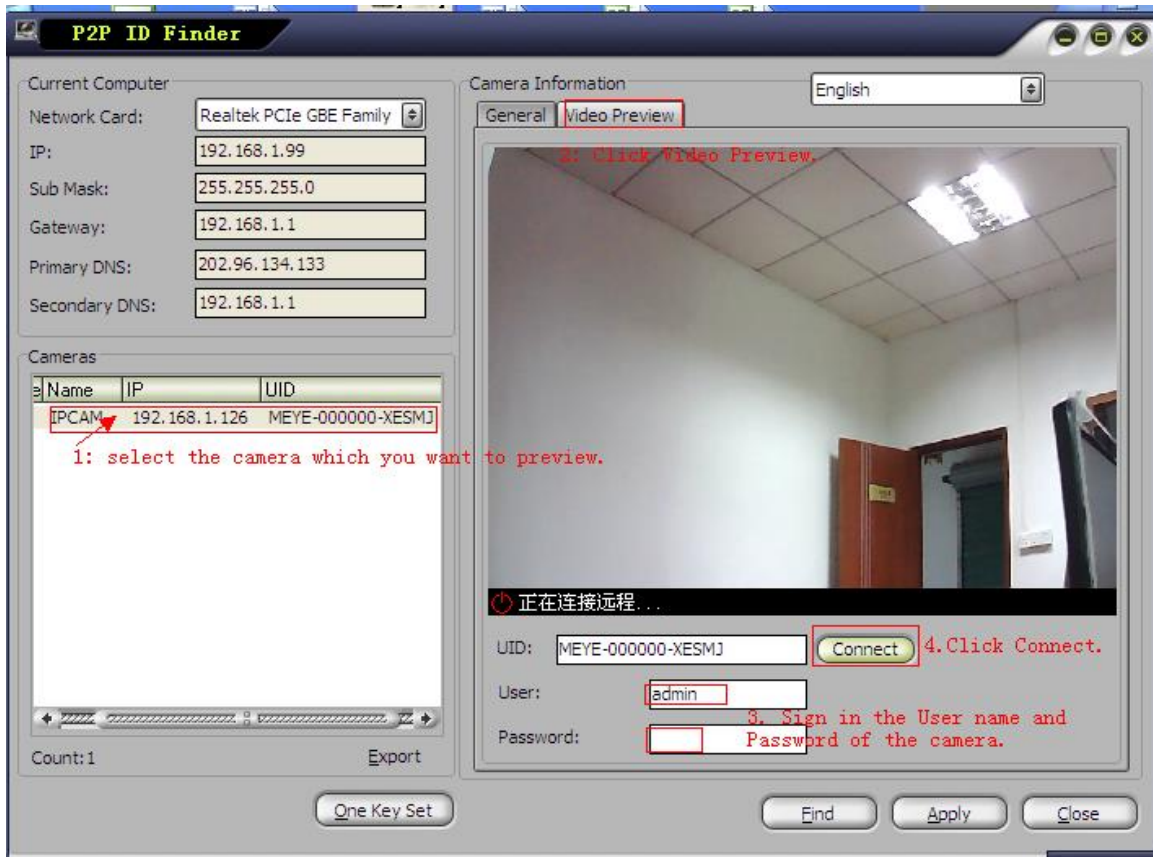
You can preview the camera via the P2P ID Finder software. (Before Preview the camera,

you must install IPCam ActiveX.exe IPCam ActiveX.exe software.)
1) Select the camera which you want to view.
2) Click Video Preview. Video Preview
3) Sign in the user name and password of the camera.

4) Click connect UID: MEYE-000000-XESMJ Connect .
Then you can view the camera video now.

3: Real-time Video Demonstration.

3.1. Camera Login:

You can access the camera through **IP Camera Tool** or **IE, Firefox, Safari, Google Chrome or other standard browser** directly.

1. Double click the IP address of the IP Camera listed (Figure 2.1). The default browser you use will run automatically and come to the camera login interface. (Figure 3.1)
2. To access the camera by IE Browser directly, just type the camera's IP address and port , for example, http://192.168.1.126:81
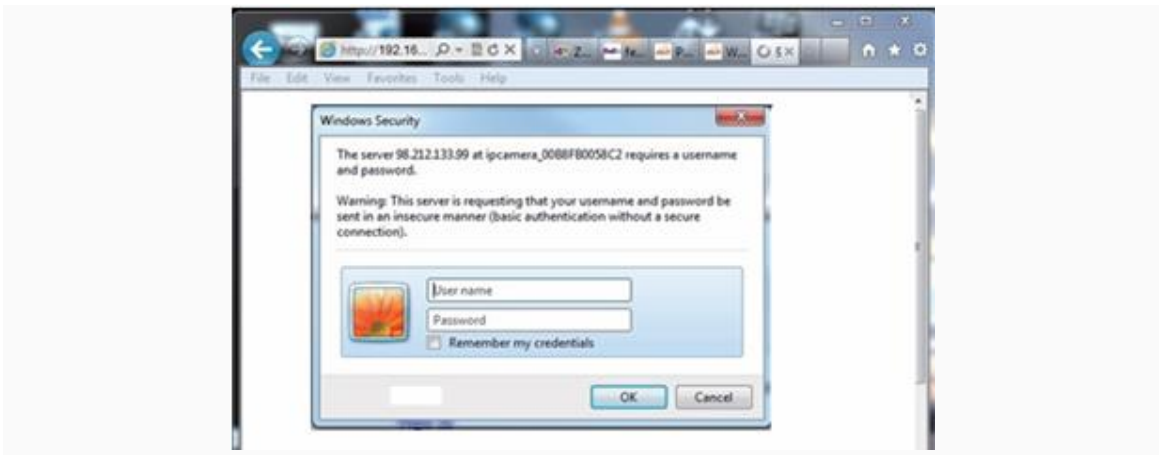
Figure 3.1

Input the correct user name and password, the Sign In interface will pop-up. There are three modes to login (figure 3.2)**.**

English | Polski | Spanish | Deutsch | French | Italian | Korean | swedish | 简体中文 | 繁體中文 | OCX Download

IP Camera

ActiveX Mode (For IE Browser)

Server Push Mode (For FireFox, Google Browser)

No Plug-In Mode (for smartphone browser--JPEG)

Note:
Please note that are there login methods;for IE browser,please choose Activex mode;for Safari,Firefox,Google Chrome,please choose Server Push mode;for mobile phone,please choose the third mode.

Figure 3.2

(1) ActiveX Mode (For IE Browser): available in IE6.0 or above explorer
(2) "Server Push Mode": available in Firefox, Safari, and Google browser.
(3) "No Plug-In Mode": available in smart phone browser.

3.2. View via IE Browser.

Choose ActiveX Mode (For IE Browser), and sign in.

The first time you login the camera, you will get ActiveX prompt as the picture below, please

download the Ocx(or run in CD) to install, then choose Run Add-on, refresh and login the camera again, then you will see live video, details as below:
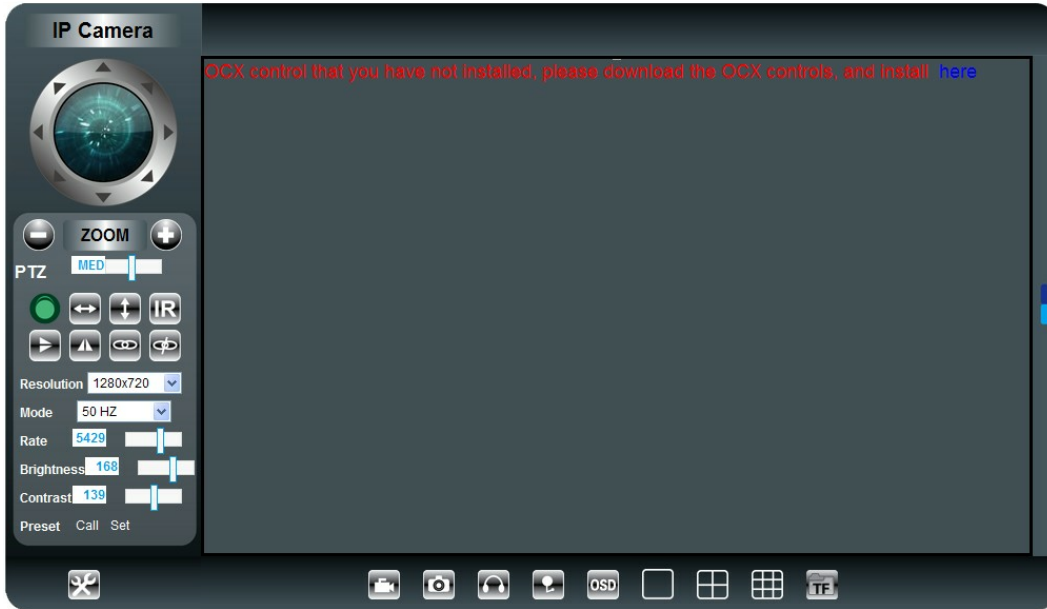

Figure 3.3

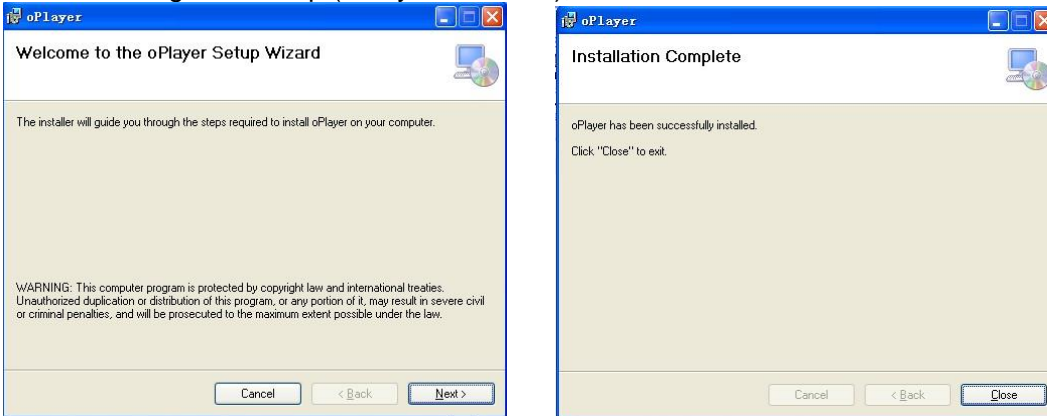After Downloading Ocx-Setup (oPlayer Software), Click and install it.

Figure 3.4
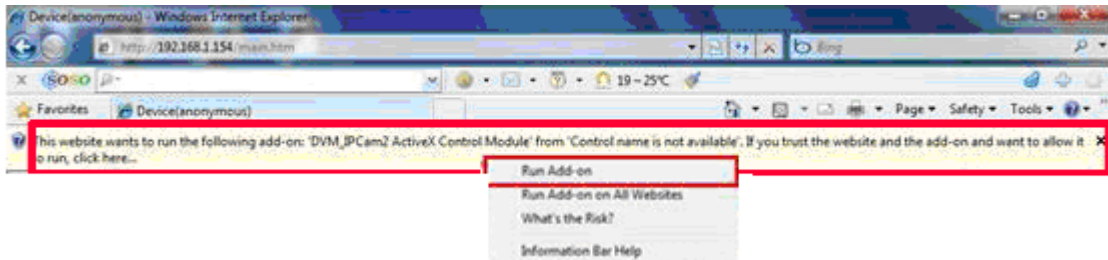

Figure 3.3 Windows XP system

Figure 3.4 Win7 System

Note: If there is still no live video after run ActiveX, please try to enable the ActiveX options of IE security settings, please do the follow steps:
1. Close the firewall of your computer.
2. Change the ActiveX settings, "IE" browser > "Tool" > "Internet Options" > "Security"> "Custom Level" > "ActiveX control and Plug-ins", all the ActiveX options set to be "Enable": Especially:
Enable: Download unsigned ActiveX controls
Enable: Initialize and script ActiveX controls not marked as safe
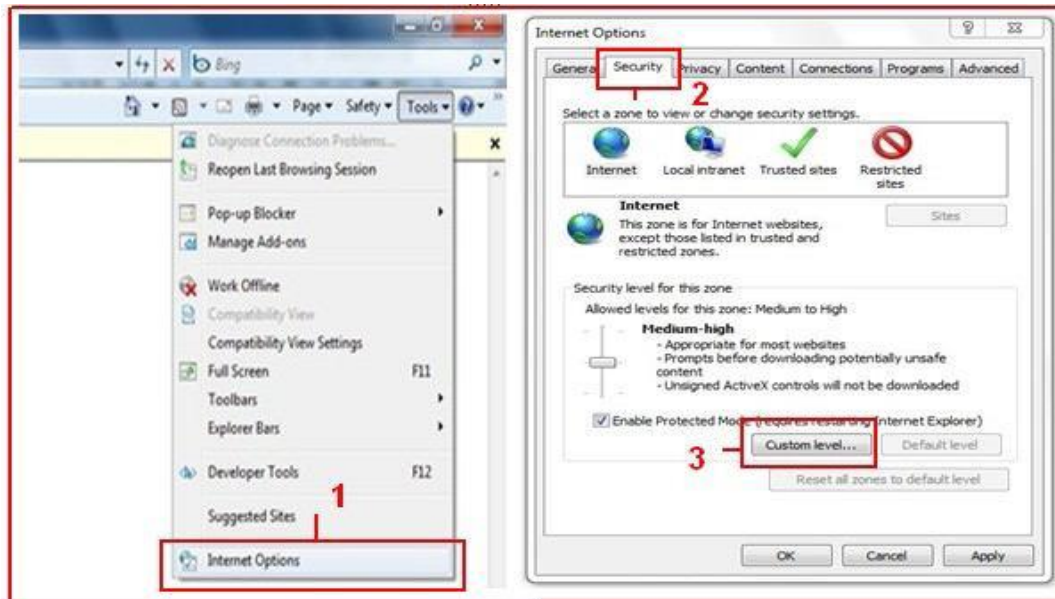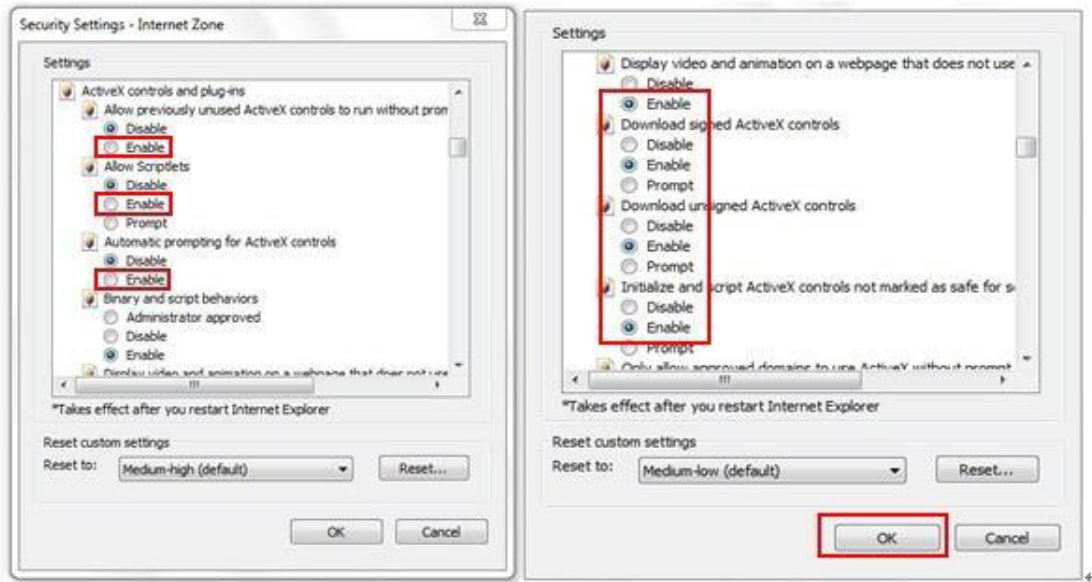Enable: Run ActiveX controls and plu-ins

Figure 3.5

Figure 3.6

In Addition: you can also click "start" menu->"Internet Explorer", choose "Internet attributes " to enter, or via "Control Panel" ->"Internet Explorer", enter to Security setting.

3. If there is still no image, please close your anti-virus software, and then try step 1 & 2 again.

4. If you allowed the Active X running, But still could not see live video, Only a Red

Cross in the center of the video, And the device status light change to yellow color , not green please change another port number to try, Don't use port 80, usd other port such as99, 199 etc.
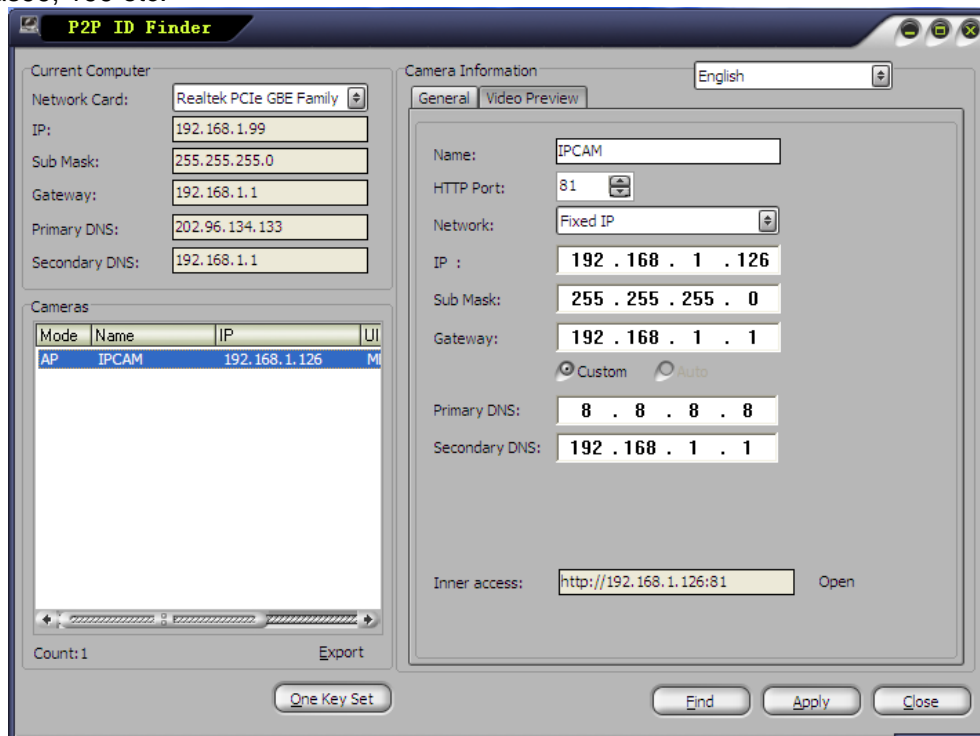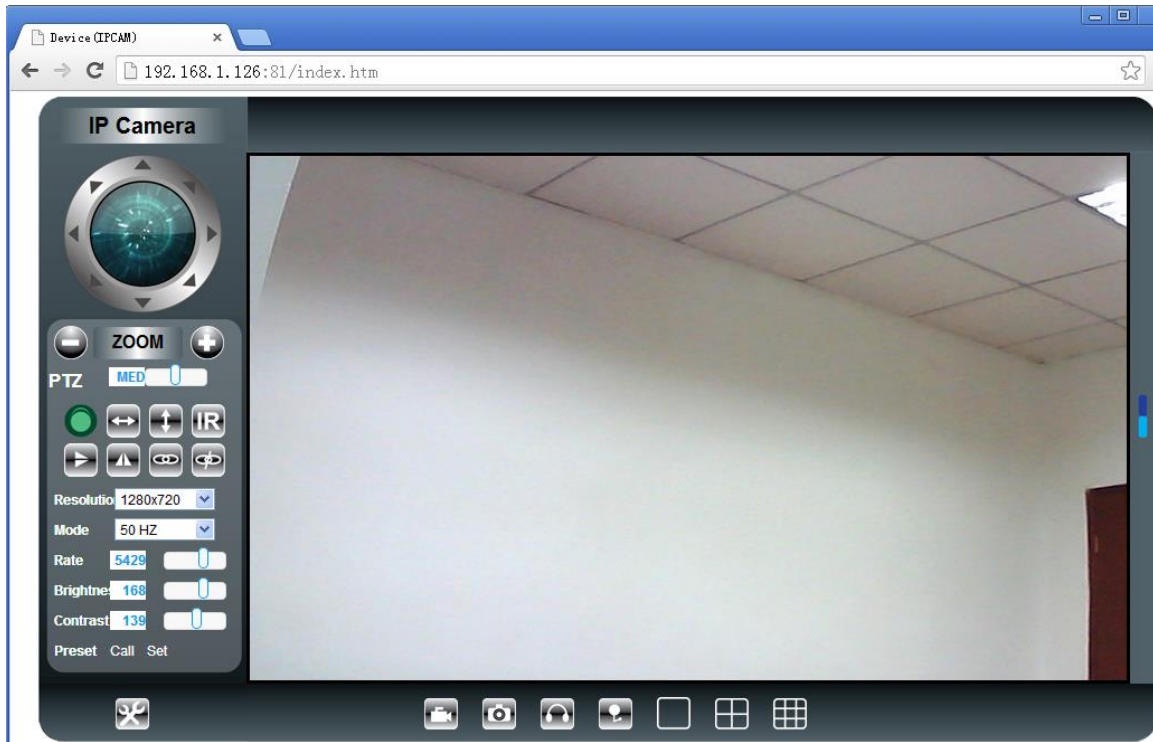

Figure 3.7

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NOTE: Make sure that the firewall or anti-virus software doesn't block the software or ActiveX. If you couldn't see live video, please close your firewall or anti-virus software, and try again.

3.3. View via Safari, Firefox, Google Browser

Choose Server Push Mode (For Safari, Firefox, Google Browser), and sign in
 Server Push Mode doesn't support ActiveX, so some functions are not available, such
 As Record, Audio, Talk, Speaker, Zoom etc.),if you want to use these functions, please use
 IE Browser. The Control Interface in this mode is as bellow:

3.4. Main Menu Interface Introduction

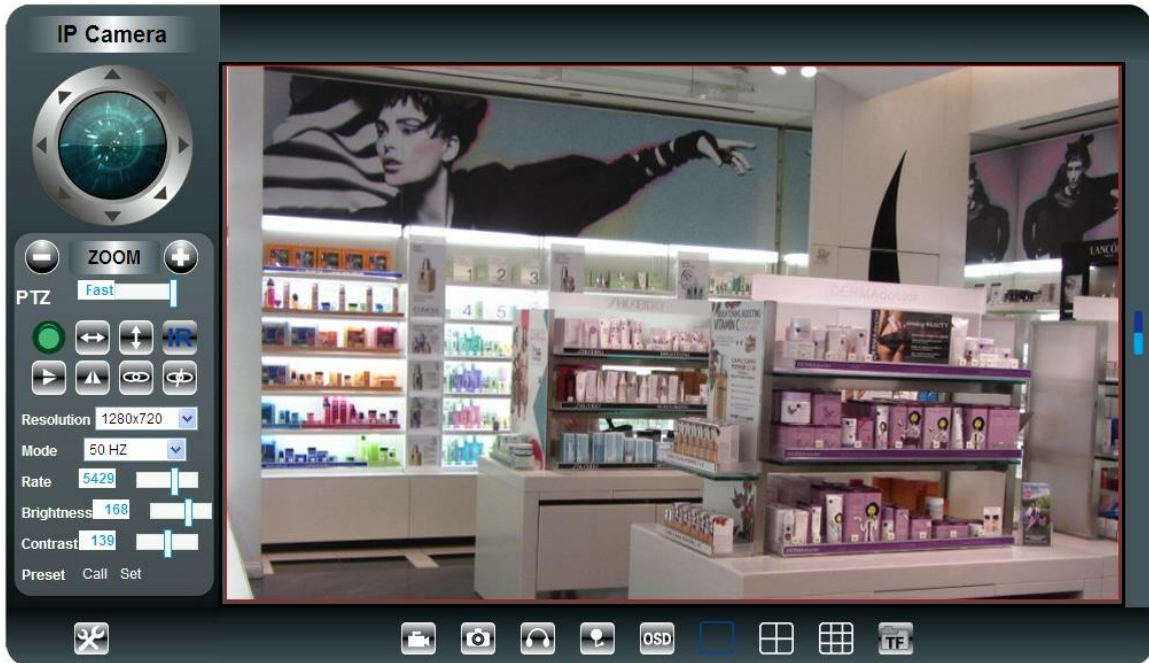Take the "Active Mode(For IE Browser)" for example:

Figure 3.8

Make The Camera Back to The Center
Pan / Tilt
Note: The Pan/Tilt Function only work For Pan/tilt IP Camera

This button enables alarm detections. When alarm the color turn to red.

This button make the camera Vertical cruise   (for the Pan/Tilt Cams).

This button make the camera Level cruise (for the Pan/Tilt Cams).

Turn on/off IR leds

This button flips the image vertically.   This button flips the image horizontally.

Mode 50 HZ   This setting changes the image frequency.
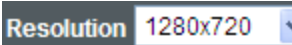
Resolution 1280x720   This setting changes the image resolution.

Rate 5429

PTZ Fast   Control the speed of the Pan/tilt.

Brightness 168   This setting changes the image brightness.
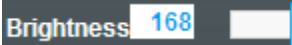
Contrast 139   This setting changes the image contrast.
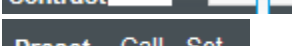
Preset Call Set   This button for setting the Preset of the camera.
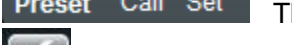
This button opens the IP camera's Backend Menu.

 This option opens the camera's recording functionality menu.

 This option takes a snapshot of the current screen and saves the snapshot to the PC's Hard Disk.

 This option enables Camera-to-User audio. If the online user has speakers connected and configured to their PC, clicking this option will allow them to hear audio from the location of the camera.

 This option enables User-to Camera audio. If the online user

 Display of time and date.

 These options enable single view, quad screen view, or 9 screen view: This function serves no purpose unless you have more than one camera connected and configured to your interface. * Please refer to section 3.5.1 Multi-Device Settings*

 This option enables user video payback.

3.5. Administrator Setting Instruction

When login as administrator, you can enter the IP camera to administrate. Administrator supports all the settings and operations of the camera; you can set and control it freely There are some special functions only for administrator as below:

Alias settings : You can name your camera.
Date&Time settings : Seting the date and time.
Users settings : Can be set up to 3 users. On this page you can set up accounts of the user name, password, as well as in their packets (administrator, operator, visitor).
- **Visitor :** In this mode, you can only view the camera page.
- **Operator :** You can control the PT, set the video screen's brightness, contrast and other parameters.
- **Administrator :** You own the highest authority.

Users Settings		
	User	Password
Visitor		
Operator		
Administrator	admin	

Submit   Refresh

3.5.1 Multi-Device Settings
- Add a local area network equipment

In the multi-device configuration page, you can see all the equipment inside the LAN. The first device is the default device. You can add more devices listed in the list of equipment. Embedded applications, up to 4 devices at the same time-line. Click the "second road equipment" and double-click "Current list of devices in the LAN" in the device entry

name, host address, Http port will automatically be filled, require the user to fill in the correct account name and password, click "Add." Repeat this process you can continue to add devices. Finally do not forget to click on the "Settings" button.
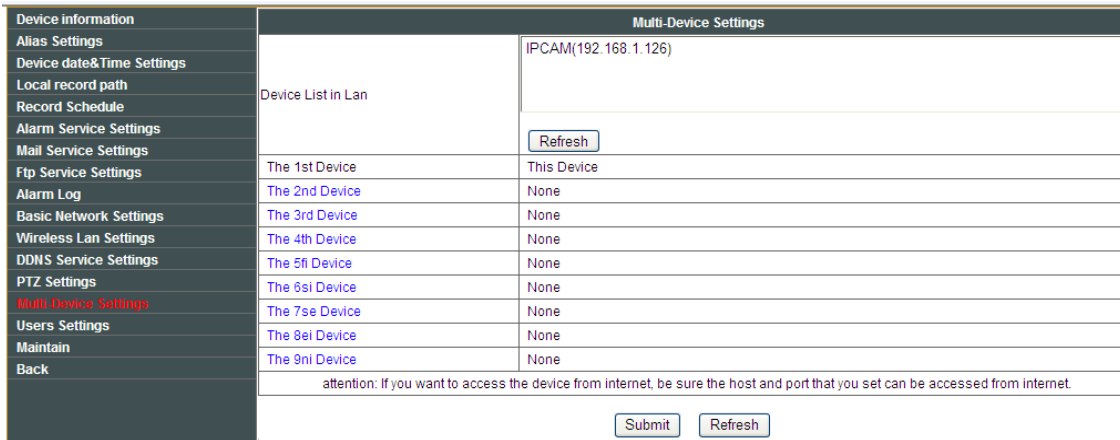
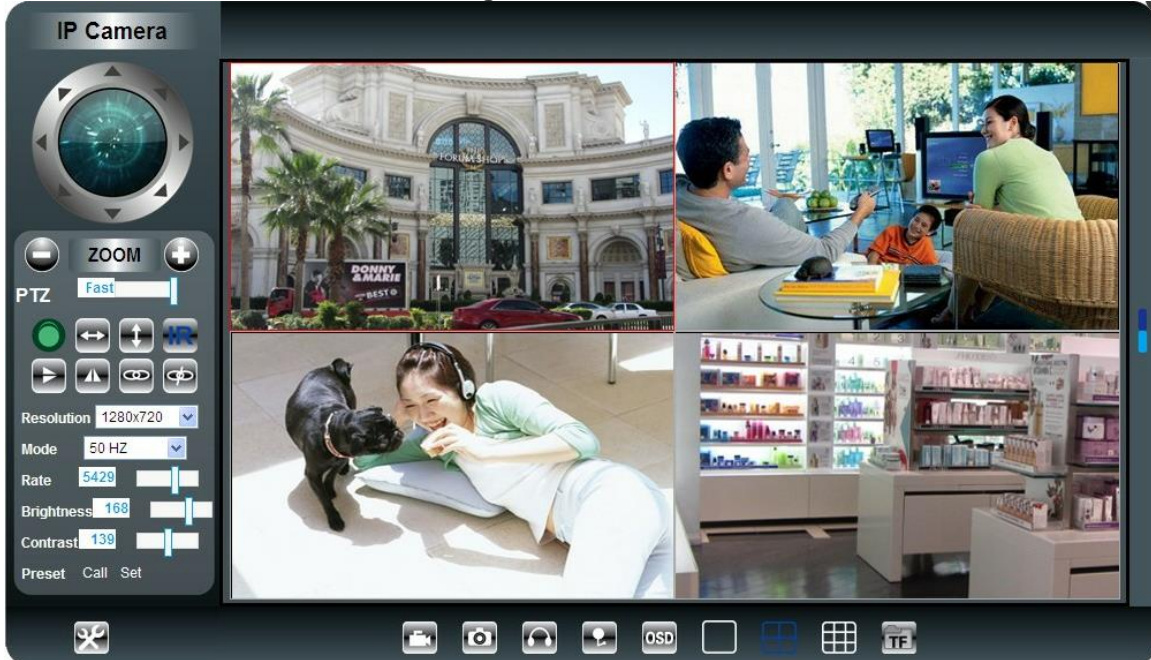| Device information	Multi-Device Settings	
Alias Settings		IPCAM(192.168.1.126)
Device date&Time Settings		
Local record path	Device List in Lan	
Record Schedule		
Alarm Service Settings		
Mail Service Settings		Refresh
Ftp Service Settings	The 1st Device	This Device
Alarm Log	The 2nd Device	None
Basic Network Settings	The 3rd Device	None
Wireless Lan Settings	The 4th Device	None
DDNS Service Settings	The 5fi Device	None
PTZ Settings	The 6si Device	None
Multi-Device Settings	The 7se Device	None
Users Settings	The 8ei Device	None
Maintain	The 9ni Device	None
Back	attention: If you want to access the device from internet, be sure the host and port that you set can be accessed from internet.	

Submit   Refresh

Figure 3.9

Figure 3.10

3.5.2 PTZ Settings

This sector is for setting the PT function (Pan&Tilt). You can also cancel self-checking function here, but you will also lose presetting bit function. PTZ speed can be adjusted here.
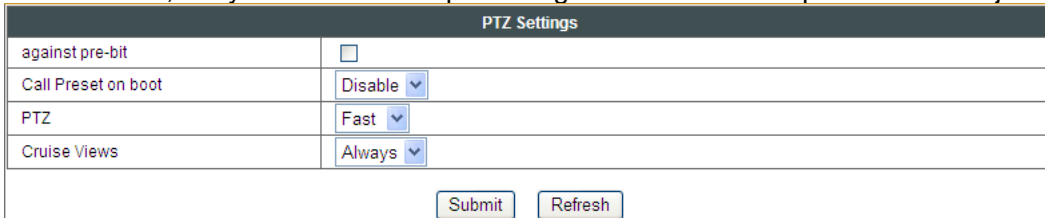
PTZ Settings	
against pre-bit	☐
Call Preset on boot	Disable ▾
PTZ	Fast ▾
Cruise Views	Always ▾

Submit   Refresh

Figure 3.11

3.5.3 Basic Network Settings

Figure 3.12

This sector is for DHCP and IP configuration, port forwarding is needed, If you choose to set IP address,please fill in the relative IP address, subnet mask, gateway, DNS server, Http port;

3.5.4 Wireless Settings

1. Make sure the router is a wireless router.
2. Make sure the Wi-Fi antenna installed.
3. Make sure whether there is encryption of the WLAN of the router, if there is encryption, keep the key.

4. Login the camera, click [icon] >"Wireless Lan Settings">"Scan", please scan 2times, then you will find the WLAN from the list, choose the one you use.
5. If there is no encryption, just click "Submit", if there is encryption, please input the key, then click "Submit".
6. Wait about 30 seconds, the camera will reboot, then unplug the network cable.

Figure 3.13

3.5.5 Dynamic DNS Settings (DDNS)

3.5.5.1 DDNS Setting:

(1): Click [icon] > "DDNS Service Settings".

Figure 3.14

(2): Choose the DDNS, there are 3 kinds of options:

(1): The camera which you have bought is P2P IP Camera, Normally you didn't need use DDNS setting part. If the P2P function is no stable locally, you can choose to register a local DDNS to support your camera with remoter control. Our camera support DynDns, 3322, 9299 DDNS Server.

Figure 3.15

(2): The Third Party DDNS: This domain is provided by the 3rd party, such as DynDns. Oray, 3322 If you use the third party DDNS, please choose the server you need, such as"3322.org" or" dyndns.org" as below:

Figure 3.16

You have to register an account firstly, keep the user, password, host, then fill in it.
Note: Only one DDNS can be chosen.

3.5.5.2 Port forwarding settings:

1: Setting the IP address of the camera

The default IP address of the camera is : Http://192.168.1.99:99 The default IP address of camera you can change to any other one you like, such as:
Change to: 192.168.1.109:109. or 192.168.1.99:90 etc.
Click "Apply">fill in the user name and password of the camera>click "OK" then the camera will reboot, wait about 30 seconds. You will get your changed IP address.
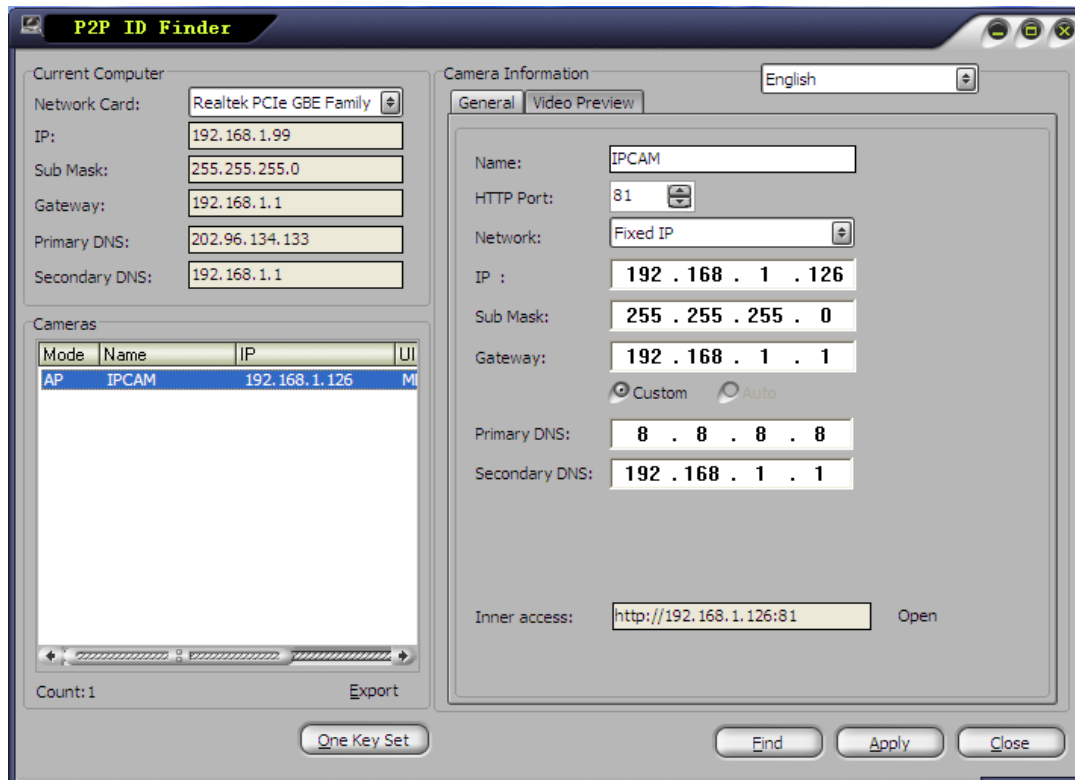

Figure 3.17

Make sure the "Subnet Mask", "Gateway", "DNS Server" is the same as your router.

2: Setting Port Forwarding in the router.

This is the most important step. Set port forwarding in router refer to the IP of your camera correctly, then the DDNS will work. Because there are so many kinds of routers from all over the world, so it's difficult to show a fix steps, but there are some samples of different routers' port forwarding settings as below, just for reference:

TP-LINK:
    (1) Login the router.
    (2) Choose "Forwarding", select "Virtual Servers"

    (3) Click the Add New button, pop-up below:

Add or Modify a Virtual Server Entry

Service Port:	_____ (XX-XX or XX)
IP Address:	_____
Protocol:	ALL ▼
Status:	Enabled ▼
Common Service Port:	—Select One— ▼

Save   Return

Fill the service port (except 80), IP address of the camera, then click Save
The port and IP address should be the same as Camera.

BELKIN:
(1) Login the router.
(2) Choose "Firewall", select "Virtual Servers"
(3) Input the port (except 80) and IP address, then click save.
Note: The port and IP address should be the same as Camera.

BELKIN. | Router Setup   Home | Help | Logout Interne

LAN Setup
LAN Settings
DHCP Client List
Static Routing
Internet WAN
Connection Type
DNS
MAC Address Cloning
Wireless
Channel and SSID
Security
Wi-Fi Protected Setup
Guest Access
Use as Access Point
QoS
QoS Profiles
Traffic Statistics
Firewall
Virtual Servers
MAC Address Filtering
Access Control
DMZ
DDNS
WAN Ping Blocking
Security Log
Utilities
Restart Router
Restore Factory Defaults
Save/Backup Settings
Restore Previous Settings
Firmware Update
System Settings

Firewall > Virtual Servers

This function will allow you to route external (Internet) calls for services such as a web server (port 80), FTP
server (Port 21), or other applications through your Router to your internal network. **More Info**

Add [Active Worlds   ▼]   [Add]
Clear entry [1 ▼]   [Clear]

	Enable	Description	Inbound port	Type	Private IP address	Private port
1	☑	IPCAM	101	BOTH ▼	192.168.2. 56	101
2	☐			BOTH ▼	192.168.2.	
3	☐			BOTH ▼	192.168.2.	
4	☐			BOTH ▼	192.168.2.	
5	☐			BOTH ▼	192.168.2.	
6	☐			BOTH ▼	192.168.2.	
7	☐			BOTH ▼	192.168.2.	
8	☐			BOTH ▼	192.168.2.	
9	☐			BOTH ▼	192.168.2.	
10	☐			BOTH ▼	192.168.2.	

Figure 3.18

DLINK:
(1) Login the router.

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(2) Choose "Advanced", select "Virtual Servers"
(3) Input the port, IP address, Protocol, then click save.
Note: The "public port" & "private port" should be the same as camera's port, choose the protocol to be "both".

Figure 3.19

After all these 4 steps done, then you can use the DDNS freely, check the DDNS status from the camera as below, and get the link of DDNS for internet view.

Step: "Login">" ">"Device Info":

Figure 3.20

3.5.5.3 DDNS Register

For example, you can go to Dyndns website to register a free account.
http://www.dyndns.org / http://www.dyndns.com.

Step1: enter http://www.dyndns.com/ and Create Account
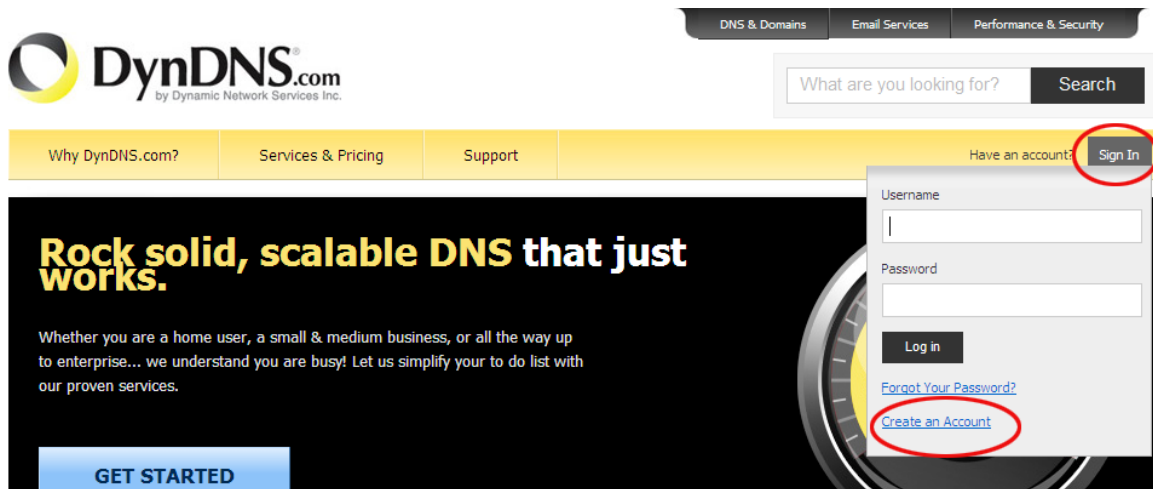
Figure 3.21

Step2: Set the username and password as below:

Figure 3.22

Step3: After a minute, you will receive a E-mail from DynDNS Support and it will give you a confirmation address (e.g. https://www.dyndns.com/confirm/create/ONMzltcCBk6mcHJI5MhVD0g)

Figure 3.23

Figure 3.24

Step4: When the Account Confirmed, login and start using your account. Choose Add Host Services(Figure 3.25) and enter Add New Hostname (Figure 3.26)page.

Figure 3.25

Figure 3.26

Step5: On the Add New Hostname page.
1) input your Hostname.
2) choose Host with IP address
3) click Use auto detected IP address xxx.xx.xx.xxx. Then click Create Host.
4) after you have added a New Hostname , you need "Proceed to checkout"

Figure 3.27

Figure 3.28

Figure 3.29

Step6: Now you obtained a Dynamic Domain Name(Figure3.30),and can use it in the DDNS Service Settings(details: 3.5.5)

Notice:
If you have a dynamic IP address, Make sure you have download the DynDNS's "Update Client". And installed it succeed in your computer.

Figure 3.30

3.5.6 E-mail and FTP service Settings

Mail Service Settings		
Sender	ipcame@qq.com	
SMTP Server	smtp.qq.com	Please select ▼
SMTP Port	25	
Need Authentication	☑	
SSL	TLS ▼	
SMTP User	ipcame	
SMTP Password	●●●●●●●●	
Receiver 1	282041236@qq.com	
Receiver 2		
Receiver 3		
Receiver 4		
	Test Please set at first, and then test.	

Submit Refresh

Figure 3.31

The above setting is a preparation for the alarm function, the sender should be entered the sender's email address，recipient 1、2、3、4 is filled with recipient E-mail address；SMTP server should be filled with the sender email SMTP server，e.g. the sender email address is abc@163.com，and enter mail.163.com. Generally SMTP port is 25，do no need to change；when needs to check, just tick it, and enter SMTP user and SMTP password，both of them are provided by Email provider，and test according to reference；when needs to send, please tick Email notification Internet IP address；The e-mail server and other information can be obtained from the mail service provider the email notification is image captured when alarming if no email notification is needed when alarming, and then no need to enter.

Set up FTP service, you can fill in parameters like following:

Ftp Service Settings		
FTP Server	50.42.189.68	
FTP Port	21	
FTP User	ftp.ipcame.com	
FTP Password	●●●●●●●●●●	
Upload Interval (Seconds)	1	Empty or 0 means do not upload pictures
	Test Please set at first, and then test.	

Submit Refresh

Figure 3.32

The above setting is equally similar to Mail Server Settings,when alarming is triggered it also sends image,please enter FTP server,FTP port,FTP user,FTP password, FTP upload directory,FTP mode,FTP mode has two options: PORT and POSV. If needs a quick upload image, then select it, edit upload image interval（second）

3.5.7. Alarm Service Settings

 As shown below, there are two modes of alarm trigger, first one is motion detection, please refer to below interface，the sensitivity of motion detection can be adjusted according to the users' requirement, the higher the number is, the lower sensitivity is; Another mode is input alarm, when connected, it triggers alarm through alarm input signal which connects to linkage alarm GPIO;

When triggered, there are 3 alarm modes：one is IO alarm linkage, camera connects with linkage alarm box through GPIO, sound the siren；the second is email notification, send email with images captured；the last is 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 arming time，as the selected time interval：0：00 minute per week to 0：45 minutes and Monday 1：00 hour and 2：00 hour

Figure3.33

3.5.8 Local Record Path

This sector is for Record&Capture Path in your computer.It include: Record&Capture Path, Record file length(MB), Record time length(Minute), Reserved disk space(MB), Record cover.

Local record path		
Device information	Local record path	
Alias Settings		
Device date&Time Settings	Local record path	C:\	select...
Local record path	Record file length(MB)	100	Least 100MB , MAX 1000MB
Record Schedule	Record time length(Minute)	5	Least 5 Minutes , MAX 120 Minutes
Alarm Service Settings	Reserved disk space(MB)	200	Least 200MB
Mail Service Settings	Record cover	☐	
Ftp Service Settings		
Alarm Log		
Basic Network Settings		

Submit   Refresh

Figure 3.34

3.5.9 Record Schedule

This sector is for SD card recording settings. When the SD card has been inserted, it will show the capacity of the card. At first, you need to format it. It include: Record coverage ,Record time, Timer recording. The settings are like following:

	Record Schdule	
Device information		
Alias Settings	sd total capacity(M)	0 M
Device date&Time Settings	sd remaining capacity(M)	0 M
Local record path	sd state	sd card is not inserted Format
Record Schedule	Record coverage	☑
Alarm Service Settings	Record time(minute)	15 Recording time range: 5~180 minutes
Mail Service Settings	Timer recording	☑
Ftp Service Settings	select all	☑
Alarm Log		
Basic Network 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
Wireless Lan Settings	Sun
DDNS Service Settings	Mon
PTZ Settings	Tue
Multi-Device Settings	Wed
Users Settings	Thu
Maintain	Fri
Back	Sat

Submit   Refresh

Figure 3.35

You can playback the video online. Click " TF "button, choose the last sign in mode. You will see:

Figure 3.36

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3.5.10 Maintain

This sector is for maintaining your camera. Restore factory settings, Reboot device, Upgrading. Pay attention: It is risky to upgrade your camera.

Upgrade Device Firmware			
Restore Factory Settings	Restore Factory Settings		
Reboot Device	Reboot Device		
Upgrade Device Firmware		Browse	Upgrade
Upgrade Device Embeded Web UI		Browse	Upgrade

Figure 3.37

3.5.11 Back

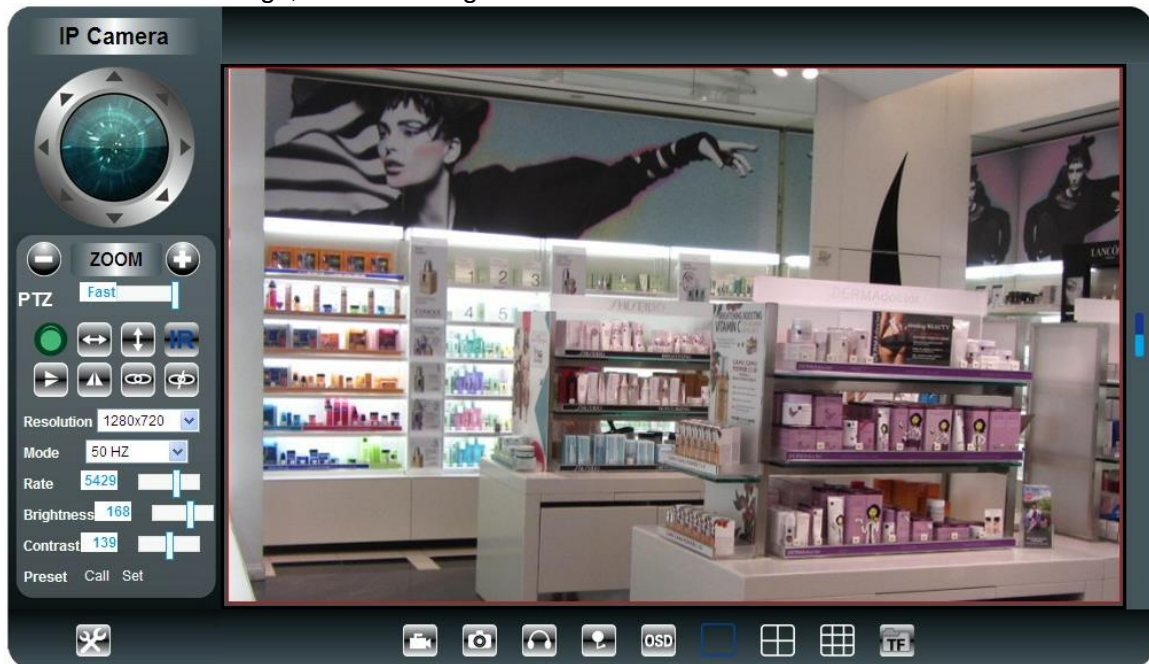After all the settings, click here to go back to camera interface.

Figure 3.38

4 Warranty

Under normal use condition, products resulting from its own failures in the warranty period will be free maintenance. Warranty Terms as following:

1) Charge-free maintenance of the product is one year. We can repair it for free during the guarantee period (Damages not caused by misuse or vandalism). Repair over guarantee period, we will charge maintenance fee.

2) During guarantee period, breakdown caused by misuse or other reasons out of range of warranty. You could ask repair depend on the card. We only charge for changed components, the maintenance charge is free.

3) When the products need maintenance, hand up the card with products to the manufacture or local distributor.

4) Take apart item crust, tear up the sealing label privately, this is out of warranty range.

5) We do not accept the damaged item due to modification or add other functions. The Following Circumstances will not be free warranty

6) Period check, maintenance or change components due to normal attrition.

7) The damages due to crash, extrusion, artificial flooding, moisture or other personal reasons.

8) The damages due to floods, fire, lightning strike and other natural calamities or force majeure incidents factors

9) Repaired item by non-authorized repair centers.All above terms, if changed, regarded to relevant regulations.

THAT'S ALL, THANK YOU!