

User Manual

Indoor HD Pan/Tilt IP Camera



Model: FI9821P Color: Black/White



Model: FI9826P Color: Black/White



Model: FI9821EP Color: Black/White



Model: FI9831P Color: Black/White



Model: FI9816P/FI9815P Color: Black/White

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Security Warning

1. Foscam cameras and NVRs require good security practices to safeguard your privacy. You should regularly change your camera or NVR password which is 8-10 numbers, letters, symbols combination.

2. You should update your camera or NVR regularly. Make sure your camera or NVR has the latest firmware installed for your specific model and better experience.

1 Overview

FOSCAM Indoor HD IP Camera is an integrated wireless IP Camera with a color CMOS sensor which enable to view in High Definition resolution. It combines a high quality digital video camera, with a powerful web server, to bring clear video to your desktop and mobile devices no matter where by your local network or over the Internet.

These cameras support P2P function. Thanks to the P2P easy access technology, you don't need to do complicated Port Forwarding and DDNS settings, you just need to scan the QR code on the bottom of the camera to connect it to smart phone, or input the UID on CMS software to realize remote access. Moreover, FI9821EP support PoE to transmit power and data via single Ethernet cable.

With flexible move of 300-degree horizontally and 120-degree vertically(FI9826P:With flexible move of 300-degree horizontally and 100-degree vertically), FOSCAM IP Camera provides users with more comprehensive controls over a monitored site. The camera supports H.264 video compression technology, dramatically reduces file size and saves network bandwidth.

The camera is based on the TCP/IP standard. A built-in WEB server inside which could support Internet Explorer simplifies the management and maintenance of your device is simplified by accessing the website of your camera through network.

The camera is designed for indoor surveillance with wide applications such as at home, in retail store and in office. Controlling the camera and managing images are simplified by using the provided web interface across the network in either wired or wireless way (except for FI9821EP).

FOSCAM provides Smart Phone App for Android and iPhone users, please search and install Foscam App named Foscam on App Store and Google Play for iOS and Android devices, then you can view your camera anywhere, anytime on your smart mobile devices.

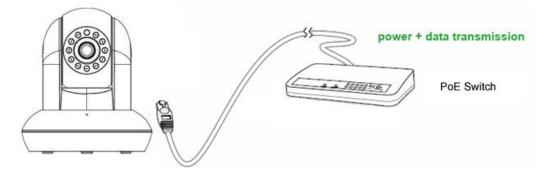
1.1 Key Features

- Standard H.264 video compression algorithm to satisfy the transmission of high definition video in narrow bandwidth network
- P2P feature for easy access

- Megapixel HD video
- Pan 300 degree, tilt 120 degree(FI9826P:Pan 300 degree, tilt 100 degree)
- Support IE/Firefox/Google/Safari browser
- Support WEP, WPA-PSK and WPA2-PSK Encryption
- Wireless connection is compliant with IEEE 802.11b/g/n WI-FI, up to 150Mbps(except for FI9821EP)
- IR Range up to 8m(26ft)
- Support image snapshot
- Support dual-stream
- Support SD Card storage up to 32GB
- Support IR-Cut auto switch
- Embedded free FOSCAM DDNS(dynamic domain name service) Service
- Supporting the Third Party Domain Name Service
- Support two-way audio
- Support ONVIF protocols
- Multi-level users management with password protection
- Motion detection alert via email or upload image to FTP
- Provide free Android and iPhone APP for viewing live video provide free Central Management Software to manage and monitor multiple cameras
- Support record schedule

1.2 PoE (Power over Ethernet)

FI9821EP is PoE-compliant, allows transmission of power and data via a single Ethernet cable. Shown as the following picture: connect the Network Camera to a PoE-enabled Router/ switch via Ethernet cable.



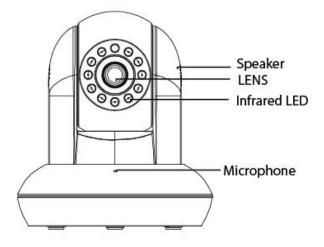
1.3 Read Before Use

Please first verify that all contents received are complete according to the Package Contents listed below. Before the IP Camera is installed, please carefully read and follow the instructions in the Quick Installation Guide to avoid damage due to faulty assembly and installation. It also ensures the product is used properly as intended.

1.4 Package Contents

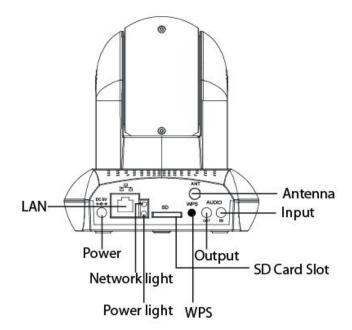
• IP Camera × 1	DC Power Adapter × 1
WI-FI Antenna × 1(Except for FI9821EP)	 Mounting bracket × 1
Quick Installation Guide × 1	Warranty Card × 1

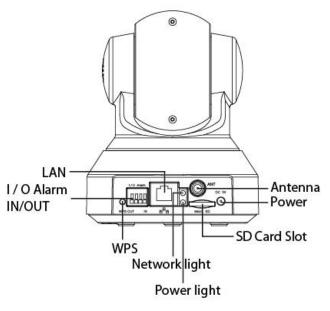
1.5 Physical Description



1.Speaker: Built-in speaker

- 2.LENS: Fixed focus lens (only FI9826P supports optical zoom).
- 3.Infrared LED: Infrared LEDs for night vision
- 4.Microphone: Built-in microphone



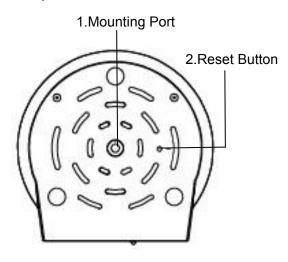


FI9815P

- LAN: 10/100 Mbps RJ-45 port for wired connection
- Power: DC 5V/2A Power supply
- WPS(Except for FI9821EP): Push both WPS button on the camera and wireless router within 1 minute, the camera will connect to the wireless router automatically, in WPS process, the Network Light will blink very fast
- SD card Slot: Supports up to 32GB SD card for storing the video
- Output: This jack is used to plug an external speaker
- Input: This jack is used to plug an external microphone
- Antenna(Except for FI9821EP): Used to connect external wireless antenna

Bottom View

There are some labels located of the camera; this is an important feature of original Foscam cameras. If your camera does not have labels, it may be a clone. Cloned Foscam cameras can not use original firmware and are not eligible for warranty or technical services.



- 1. Mounting Port: Port for mounting bracket
- 2.Reset Button: Push and hold for more than 5 seconds to set the camera to factory default

NOTE:

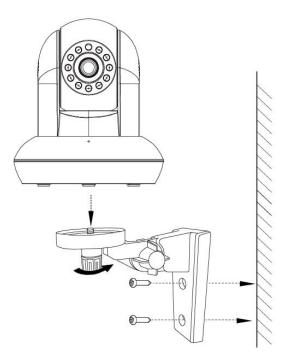
Model	Maxmium Resolution	3x Optical Zoom	Micro SD Card Slot	Antenna	P2P
FI9821P	1280*720	×	\checkmark	Detachable	\checkmark
FI9826P	1280*960	\checkmark	\checkmark	Detachable	\checkmark
FI9831P	1280*960	×	\checkmark	Detachable	\checkmark
FI9816P	1280*720	×	\checkmark	Detachable	\checkmark
FI9815P	1280*720	×	\checkmark	Detachable	\checkmark
FI9821EP	1280*720	×	\checkmark	×	\checkmark

The different features between the models involved.

The flashing status of the Power light and Network light are shown in the following table.

Light	Flashing Status	Description
Power light	off	The power don't work properly.
	on	The power supply works fine.
Network light	off	No Wireless connection
	Slow Flash once per second	Wireless connection
	Flashing every 0.4 seconds	WPS is connecting
	Flashing every 0.2 seconds	EZLink takes effect
	Constant for 3 secondsone time	Reset to take effect

1.6 Hardware Installation

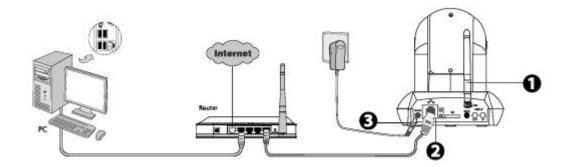


Step 1: Screw the mount on the wall with the two screws Provided.

Step2: Loosen the thumb screws to adjust the mount to the desired position. Once the position is set, tighten the screws securely.

2 Access the IP Camera

2.1 Hardware Connection & Software Installation



- 1. Mount the antenna and make it stand vertically(Except for FI9821EP).
- 2. Connect the camera to the LAN network (Router or Switch) via network cable.
- 3. Connect the power adapter to the camera.
- 4. Visit Foscam official website http://www.foscam.com , select "Support > Download Center >

Software Tools", then you can find the "Equipment Search Tool", download the tool to your computer, the icon shows as below:



2.2 Access the Camera in LAN

The camera supports HTTP and HTTPS protocols, you can access the camera in two ways.

(1) http:// LAN IP + HTTP Port NO.

The default HTTP port NO. is 88. Double click the Equipment Search Tool icon to run, and it should find the camera's IP address automatically after you plug in the network cable.

Equipment Search Tool					X
Camera Name	IP Address	Device ID	Ту	pe	
Anonymous	Http://192.168.1.105:88	00626E55AB1E	IP	С	

Double click the IP address of the camera; the camera login page should be open in your default browser.

(2) https:// LAN IP + HTTPS Port NO.

The default HTTPS port NO. is 443. You can use the URL to access the camera: https:// LAN IP + HTTPS port NO.

Go to **Settings - Network - Port** panel, you can see and change the HTTP and HTTPS port NO.

		Save Refresh
HTTP Port	88	
HTTPS Port	443	
ONVIF Port	65533	

NOTE:

When logging in for the first time, you will need to download and install the add-on.

FOSCAM	HD IP Camera
	Username
	Password
	Stream Main stream
	Language English
	Login
	Click Install
This website wants to install the following add What's the risk?	in: TPCWebComponents.exe from 'ShenZhen Foscam Intelligent Technology Co.,Lto'.

2.3 Access the Camera in WAN

2.3.1 Static IP Addresses

Users with static IP addresses do not need to set DDNS service settings for remote access. After you have finished connecting the camera using the LAN IP address and port forwarding, you can access the camera directly from Internet using the WAN IP address and port number.

How to Obtain the WAN IP address from a public website ?

To obtain your WAN IP address, enter the following URL in your browser: <u>http://www.whatismyip.com</u>. Your current WAN IP will be shown on the webpage.



2.3.2 Remote Access

If you want to access your camera by web browser outside of your LAN, you need to configure following configurations.

1. Choose "Settings" on the top of the camera web page, then go to the "Network > IP Configuration" section on the left side of the screen, then uncheck the Obtain IP DHCP.

Setup Wizard Status Basic Settings		IP C	Configuration
Network	Obtain IP From DHCP		
IP Configuration	IP Address	192.168.1.100	IP Address: Set this in the same subnet
Wireless Settings	Subnet Mask	255.255.255.0	as your computer , or keep it as default.
DDNS UPnP	Gateway	192.168.1.1	Subnet Mask: Keep it as default.
Port	Primary DNS Server	211.162.78.1	Gateway and DNS Server: Set it to the IP address of your router.
Mail Settings	Secondary DNS Server	211.162.78.3	

2. Enable UPnP and DDNS in the camera's settings page. We recommend you to use the DDNS by factory default.

Setup Wizard		UPnP			
Status 💎		or m	0	-	
Basic Settings				Save	Refresh
Network	Enable UPnP	No	•		
IP Configuration Wireless Settings		Select Yes and click Save.			
Soft AP Password Settings					
DDNS					
UPnP					

Setup Wizard	DDNS
Status	
Basic Settings	Save Refresh
Network	Enable DDNS 📝
IP Configuration	Manufacturer's DDNS
Wireless Settings Soft AP Password Settings	Manufacturer's DDNS test09.myfoscam.org Restore DDNS to factory
DDNS VPnP	Third Party DDNS Click Enable DDNS and click Save.
Port	DDNS Server The content in the Manufacture's DDNS
Mail Settings	Domain column is the domain name of your camera.
FTP Settings	

3. You can see the port of your camera here. If you want to set Remote Access for several cameras on the same network, you will need to change the HTTPS port for each camera.

		Save Refresh
HTTP Port	88	
HTTPS Port	443	
ONVIF Port	888	
RTSP port	554	
-	HTTPS Port ONVIF Port	HTTPS Port 443 ONVIF Port 888

4. If the UPnP of the router has been enable, you do not need to perform following steps. Otherwise, you need to select one of the following methods to configure port forwarding on your router. For these steps, we will be using the TP-LINK brand wireless router as an example.

• If there is a UPnP function in your router:

Choose "Forwarding > UPnP", make sure that the Current UPnP Status is Enabled.

Quick Setup	UPnP
WPS	
Network	
Wireless	
DHCP	Current UPnP Status: Enabled Disable
Forwarding	
- Virtual Servers	Current UPnP Settings List
- Port Triggering	ID App Description External Port Protocol Internal Port IP Address Status
- DMZ	
- UPnP	
Security	Refresh

• If there is no UPnP function in your router:

You need to manually add port(HTTPS port) forwarding, refer to the following steps. You need go to the "Forwarding > Virtual Servers" panel for setup.

Quick Setup	N	/irtual Serve	s				
WPS							
Network		Comico Dort	laternal Deat	ID Addresse	Destand	Ctatura	10- Jif.
Wireless	ID	Service Port	Internal Port	IP Address	Protocol	Status	Modify
DHCP							
Forwarding							
- Virtual Servers		Add New	Enable All	isable All Del	ete All		
- Port Triggering							
- DMZ	0	Click Add N	ew.	revious Ne	avt		
- UPnP					201		

Quick Setup	Add or Modify a Virtual S	erver Entry	
WPS	13		
Network	Service Port:	443	(XX-XX or XX)
Wireless			
DHCP	Internal Port:		, Only valid for single Service Port or leave it blank)
Forwarding	IP Address:	192. 168. 1. 100	
- Virtual Servers	Protocol:	ALL	Input the port and IP address of
- Port Triggering	Status:	Enabled	your camera and click Save.
- DMZ			your carriera and cher cave.
- UPnP	Common Service Port:	Select One	
Security			
Parental Control		Save	Back
Access Control		Jave	Dack

QSS							
Network							
Wireless	ID S	Service Port	Internal Port	IP Address	Protocol	Status	Modify
DHCP	1	443	443	192.168.1.100	ALL	Enabled	Modify Delete
Forwarding							
- Virtual Servers					He	ere you ha	ve finished th
- Port Triggering	Ac	d New	Enable All	Disable All Dele	te All PC	ort Forward	ding setup.
- DMZ							<u> </u>
- UPnP							

5. Now you can access your IP camera by https://domain name: HTTPS port via the Internet.

2.4 Using the VLC player

The camera supports RTSP streaming, here you can view the camera by VLC player.

RTSP URL http://[user name][:password]@IP:port number/videosream

The part in the square brackets can be omitted.

user name & password: The user name and password to access the camera. This part can be omitted.

IP: WAN or LAN IP address.

Port number : If there is the RTSP port number on the Port page, you must only use RTSP port number. otherwise, you must only use http port number.

Video stream: Three modes are supported: video Main, video Sub and audio. Video Sub is a better choice in bad network condition. If you select audio, you can only hear sound without seeing picture.

For example:

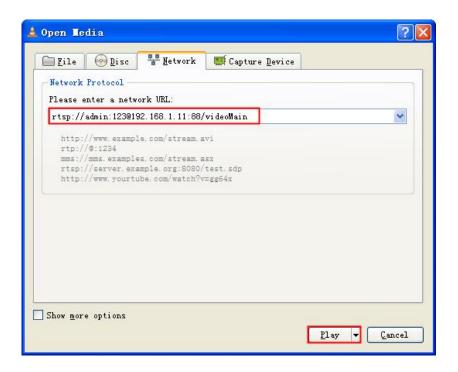
IP: 192.168.1.11 Port number: 88 User name: admin Password: 123

Enter either one of the following four URLs in the VLC

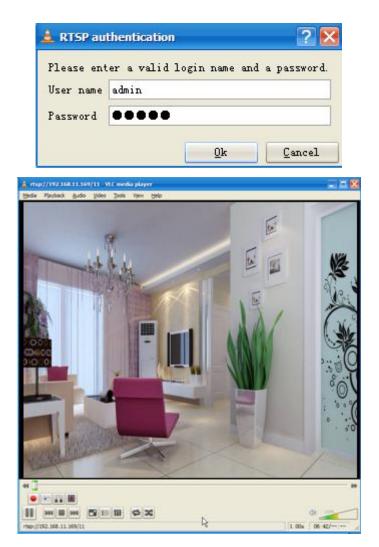
- 1. rtsp://admin:123@192.168.1.11:88/videoMain
- 2. rtsp:// @192.168.1.11:88/videoMain
- 3. rtsp://:123@192.168.1.11:88/videoMain
- 4. rtsp://admin@192.168.1.11:88/videoMain

Open the VLC, and go to "Media"--"Open Network Stream" option, then enter the URL in VLC.

2	VLC	media plav	yer					
Me	dia	Playback	<u>A</u> udio	<u>V</u> ideo	Tools	Vįew	<u>H</u> elp	
	Ор	en File			Ctrl+O			
	Ad	anced Oper	File		Ctrl+Sh	ift+0		
	Op	en <u>F</u> older			Ctrl+F			
\odot	Op	en <u>D</u> isc…			Ctrl+D			
—		en <u>N</u> etwork S			Ctrl+N			
	Op	en <u>C</u> aptrixe D	evice		Ctrl+C			
	1.5	en <u>L</u> ocation f cent Media	from clipb	ioard	Ctrl+V	,		
	Sav	ve Playlist to	<u>F</u> ile		Ctrl+Y			
	Cor	nve <u>r</u> t / Save.			Ctrl+R			
((•))	Str	eaming			Ctrl+S			
×	Qui	t			Ctrl+Q			
44			1		111	\$	K 1.00x	(1) 1005



Sometimes you may need to enter the user name and password for another time. Click OK and you can see the real-time preview.



If you cannot play the video in the VLC player, please check the port mapping. You can read Quick Installation Guide about how to configure port forwarding.

NOTE:

If you modify the camera's username or password, you had better reboot the camera to apply the new username and password in authentication in the VLC.

2.5 IP camera connection to the server

Device supports ONVIF 2.2.1 protocol, You can easily access NVR with ONVIF or server with ONVIF.

3 Surveillance Software GUI

Please refer to the section 2.1 if you install the camera for the first time. You can start to learn about software operation after finish quick installation.

3.1 login Window

Username	admin	
Password		
Stream	Main stream	2
Language	English	3
		Login

Section1 Enter the Username and password

The default administrator username is "admin" with no password, please change the password the first time you use and prevent unauthorized users login the camera.

Section2 Stream

The camera supports two stream modes: Main stream and sub stream. Select Main stream if you want to access the camera from LAN and sub stream will be better if you want to access the camera from Internet.

Note:

Select sub stream to ensure a more fluent video under narrow network bandwidth.

Section3 Select the language

You click on the language dropdown list to select language.

Section4 login the camera

Click "login" button.

NOTE:

When setting up your camera for the first time, it will request that you modify the default username and/or password if both are still set to default. Input the new username and password, click "Modify" to complete the modification. You will now use the new username and password to login to the camera in the future.

New username	Username	admin
Security Level	New username	
	New password	
Confirm the password	Security Level	
	Confirm the password	

3.2 Setup Wizard

You will go to "Setup Wizard" automatically after your first-login, where you can set the basic parameters of camera, such as camera name, camera time, wireless settings, IP configuration.

Setup Wizard	Setup Wizard
Status	Setup Wizard - Start
Basic Settings	
Network	Follow the guide to set your camera, click "Next" to start.
Video	Please click the menu on the left for more settings.
Alarm	Next

Device Name: You could give name for your camera.

	Setup Wizard
Step 1 of 4 - Came	era Name
	FI9821P
Camera Name	The maximum Device Name length is 20, support English, numbers, letters and symbols
	*
	Previous

System Time: Select the time zone you need to set the date, time, format and so on.

Setup Wizard						
Step 2 of 4 - Camera Time						
Time Zone	(GMT) Greenwich mean time; London, Lisbon, 💌					
Sync with NTP server 🔽						
NTP Server	time.nist.gov					
	2014-1-1 12 - 17 - 29 - PM - Synt with PC					
Date Format	YYYY-MM-DD					
Time Format	12-hour					
use DST 🕅						
	Previous					

Wireless networks: Click "Scan", find the SSID of your wireless router, select and enter the password.

	5	Setup Wiz	ard		
Step 3 of 4 - Wireless	s Settings				
Wireless Network	List	1 Scan		SSID	FOSCAM-docdev
SSID(Network Name)	Encryption	Quality		Encryption	WPA/WPA2
Tenda_373678	WPA/WPA2	.eff.	3	Password	•••••
dlink-chenchen2.4G	WPA/WPA2	cill] i	The maximum p	assword length is 63, includin
TP_LINK_TEST	WPA2	eil		number	s, letters and symbols
FOSCAM-docdev	WPA/WPA2	वर्ष	2		

IP: Set IP address of the camera. You could obtain an IP automatically or set the IP address according to your needs.

btain IP From DHCP 📝	

3.3 Surveillance Window

1	FOSCAM	O Live Video Of Settings Playback	Indoor Pan/Tilt IP Camera
2	Mode SUH: Stream Smooth Mode/7201 • NAA Off • Mmror Flip	2016-08-24 10:32:01 IPC 6	-
3	200m in 200m out		-12
4	Cruise Preset		The second second
5	IR LED Lights Color Adjustment		
	7 00		6 6

Section 1 FOSCAM Logo/ Live Video / Settings/Playback buttons

FOSCAM : FOSCAM LOGO



Path to surveillance window. Click this button to go back to the surveillance window

Settings: Path to Administrator Control Panel, Click it, to go to Administrator Control Panel and do advanced settings.



Click this button to go back to the Playback panel to view the stored audio files

stored in the SD Card.

Section 2 Multi-Device Window



The firmware inside the camera supports up to 9 cameras being monitored at the same time. You can add other cameras in multi-device setting .

Section 3 Mode/ Stream / NAA / Mirror/ Flip buttons

Mode

- 1) 50HZ -----Indoor surveillance (Region: Europe, China)
- 2) 60HZ -----Indoor surveillance (Region: USA, Canada)
- 3) Outdoor-----Outdoor surveillance

Stream

The default stream supports multiple modes, For example: HD Mode/720P/30fps/2M meanings: Stream type / Resolution / Maximum frame rate/ Bit rate. (Different models support different specific mode.)

1) Stream type : It is used to identify the stream type.

2) Resolution

The bigger the resolution, the better of the image quality is. If you are accessing the camera via internet and want to get more fluent video streaming, please select resolution VGA.

3) Maximum frame rate

The maximum frame rate is 30 fps. You should lower frame rate when the bandwidth is limited. Normally, when the frame rate above 15, you can achieve fluently video. The maximum frame rate for each model is different.

4) Bit rate

Generally speaking, the larger the bit rate is, the clearer video will become. But the bit rate configuration should combine well with the network bandwidth. When the bandwidth is very narrow, and bit rate is large, that will lead to video can not play well.

You can reset the stream type on **Settings-> Video-> Video Settings** panel.

Setup Wizard	o Settings		
Status	oottingo		
Basic Settings			Save Save Refresh
Network	Main stream video settings		
Video	Enhanced Night Vision Definiti	ion 🔽	
Video Settings	Stream Type	HD Mode	•
On Screen Display	Resolution	720P	-
Privacy Zone	Bit Rate	2M	
Snapshot Settings	Frame Rate	30	
IR LED Schedule	Key Frame Interval	30	
Alarm			
Record	Variable bitrate	Yes	
PTZ	Sub stream video settings		
Firewall	Stream Type	HD Mode	•
System	Resolution	720P	•
	Bit Rate	512K	*
	Frame Rate	10	•
	Key Frame Interval	30	

After changing, please re-login the camera and you can see the modification.

NAA(Network Auto-Adaptability)

When you turn NAA on, IP camera can change the real-time rate to adapt different network conditions. It can supply better preview experience. The default NAA setting is off.

Zoom Control

+ Zoom in Zoom in the camera's lens.

Zoom out Zoom out the camera' lens.

You can adjust the speed of the lens' zoom in Settings--PTZ--Pan & Tilt Speed--Zoom speed panel.

Setup Wizard		Pan & Tilt Speed			
Basic Settings	5		Save Refresh		
Network	Pan & Tilt Speed	Normal	•		
Video	Zoom speed	Fast	•		
Alarm		Fast			
Record		Slow			
PTZ	$\overline{}$				
Pan & Tilt Speed	\mathcal{D}				

NOTE :

Except for FI9826P, other Cameras don't support this function.

Pan/Tilt Control



2-----Down control button,

4-----Right control button,

- 1----- Up control button,
- 3-----Left control button,
- 5----- Up-Left control button
- 6----- Up-Right control button
- 7----- Down-Left control button
- 8----- Down-Right control button



Click this button and go to center

Section 4 Cruise / Preset settings Cruise Settings



The default cruise tracks have two types: Vertical and Horizontal.

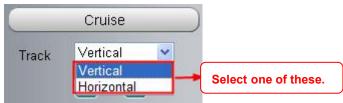
Vertical: The camera will rotate from up to down. Horizontal: The camera will rotate from left to right.

Le Start cruise. Estop cruise.

If you want to define or change the cruise trace, please go to **Settings** \rightarrow **PTZ Preset Settings** panel.

How to do cruise?

Firstly: Select one track in the track dropdown list.



Secondly: Click Start cruise button, the camera will cruise following the predefined path. **Thirdly:** Click stop button and finish cruising.

Preset settings



IPCam supports 16 preset positions, which is considered enough for DIY home & small business surveillance market

The default preset position is Topmost, Bottom most, Left most, right most, you can add other preset positions.



Add Click this icon to save the position you need the camera to remember

Delete Select one preset position and click this button to delete it.

GO Select one preset position in the preset drop-down list and click Go to make the camera move the preset position

How to do preset position?

Firstly, move the camera and stop at a desired place where you want make preset position.

Secondly, click *button and enter a descriptive name for the preset position. The preset position cannot contain special characters. Then click OK to save it. If you want to reset the preset position, click Cancel.*

After that, you can move the camera and stop at another place, and set another preset position. You can do all the 16 preset positions with this method.

If you want to see one preset position you have set, only select the preset position name from the preset

drop-down list, and click go 📴 button, the camera will go to the preset position.

Section 5 IR LED Lights / Color Adjustment

	R LED Lights
Mode	Manual 💌
	On ⊙Off

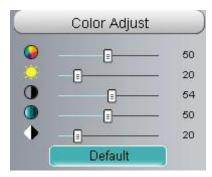
Click Infra led and there are three modes to adjust the infrared led: Auto, Manual and Schedule. **Auto**: Select it and the camera will adjust the infra led (on or off) automatically.

Manual: Select it and you can turn on or turn off the infra led manually.

Schedule: Select it and the IR led light will be off at the schedule period. If you want to define or change the IR led lights schedule time, please go to **Settings--->Video---> IR LED Schedule** page.

Color Adjustment

In this page, you can tune Hue, Brightness, Contrast, Saturation, and Sharpness to get higher quality.



Section 6 OSD

If you have added time and camera name in the video, you can see it in the live window.

Go to **Settings ---Basic settings---Camera name** panel, and you can change another device name. The default device name is anonymous.

Go to Settings ---Basic settings---Camera time panel and adjust the device time.

Go to Settings ---Video---On Screen Display panel, you can add or no add OSD.

Section 7 Play/ Stop/ Talk/ Audio/ Snapshot/ Record/ Full screen button



1----- Play Click it to play the video of the camera

2----- Stop Click it to stop the video of the camera

3----- Talk Click the button and the icon will become to **W**, then talk to the microphone that connected with PC, people around the camera can here your voice. Click the icon again and stop talking.

4----- Audio Click this icon, the icon will become to vous you can hear the sound around the camera by the earphone or speakers that connected with PC.

5----- Snapshot Click it to make snapshot and it pop-up a window which picture you snapshot, right click in the window and save the picture to anywhere you want.

6----- Record Click the icon and the camera start recording, you can see a green dot in the live window. Click again and stop recording. The default storage path is C:\IPCamRecord. You can change the storage path: Go to Settings- >Record->Storage Location panel.

7----- Full Screen Click it to make full-screen, or you can double click the surveillance screen to make full-screen. Double click again and exit full-screen.

Onscreen Mouse Control

Right click the mouse and you can adjust the screen ration, full screen and Zoom up.



Keep ration: Select it and the camera will adjust the size of live window based on the the computer monitor automatically. Sometimes there is a black border around the video, please select Keep ration to get a better visual quality .

Full Screen: Select it and Click it to make full-screen, press ESC and exit full-screen.

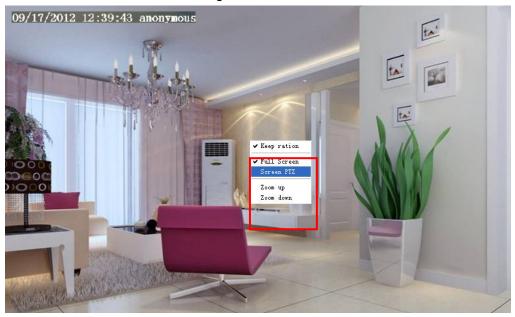
Zoom up: Select it and you can see a bigger screen than before.

First Method: Here is a convenient and fast solution to Zoom up/down screen by Clicking Video Screen and adjusting Mouse pulley, or by press the CTRL key and click the mouse left button.

Second Method: Click it and the live view will be digital zoomed up, then click Zoom Down and the live view back to original size.



When you select the Full Screen, then click right mouse, there is a Screen PTZ button.



Click the **Screen PTZ** button and put the mouse on the screen to indicate the camera move direction you prefer, press the left mouse, the camera will move to the corresponding direction. Loosen the mouse and stop moving. Press Esc button or double click right mouse and cancel the function.

NOTE: For Mac OS, the plugin cannot support Onscreen Mouse Control, so you cannot allow to use it.

4 Advanced Camera Settings

Click the button "Settings", goes to Administrator Control Panel to make advanced camera settings.

4.1 Setup Wizard

Please go to section 3.2 to find the way to set it.

4.2 Status

Status contains four columns: Device Information, Device Status, Session Status and Log, it will show you various information about your camera.

4.2.1 Device Information

	C Refresh
Camera Model	F19826P
Camera Name	F19826P
Camera ID	C4D655397F42
Camera Time	2014/10/08 12:07:43
System Firmware Version	1.5.2.11
Application Firmware Version	2.21.1.127
Plug-In Version	3.0.0.6

Camera Model: The camera model NO.

Camera Name: The Device Name is a unique name that you can give to your device to help you identify it. Click **Basic Settings** and go to **Camera name** panel where you can change your camera name. The default device name is anonymous.

Camera ID: Display the wired MAC address of your camera.

Camera Time: The system time of the device. Click **Basic Settings** and go to **Camera time** panel and adjust the time.

System Firmware Version: Display the System Firmware version of your camera.

App Firmware Version: Display the application firmware version of your camera.

Plug-In Version: Display the plug-in version of your camera.

4.2.2 Device Status

On this page you can see device status such as Alarm status/ Record Status ,DDNS status ,WIFI status and so on.

	Device Status
	Refresh
Alarm Status	Disabled
Recording Status	Not Recording
SD Card Status	No SD card
SD Card Free Space	ОКВ
SD Card Total Space	ОКВ
NTP Status	Failed
DDNS Status	Disabled
UPnP Status	Disabled
WiFi Status	Not connected
IR LED Status	Off

4.2.3 Session Status

Session status will display who and which IP is visiting the camera now.

	Session Status	
		Refresh
Username	IP Address	
1	192.168.1.101	

4.2.4 Log

The log record shows who and which IP address accessed or logout the camera.

				C Refres
	Pages:83		<	<1 2 3>> Go
NO.	Time	User	IP	Log
1	2012-09-18 02:11:45	² to the c	he page number and orresponding page	to ³¹ button and go to the
2	2012-09-18 01:48:56	see mor	re logs.	jin corresponding page.
3	2012-09-18 01:29:51	admin	192.168.1.102	Log out
4	2012-09-18 01:27:54	admin	218.17.160.187	Log out
5	2012-09-18 01:26:21	admin	192.168.1.100	Log out
6	2012-09-18 01:25:42	admin	218.17.160.187	Login
7	2012-09-18 01:25:15	admin	192.168.1.102	Login
8	2012-09-18 01:25:13	admin	192.168.1.102	Log out
9	2012-09-18 01:24:46	admin	192.168.1.100	Login
10	2012-09-18 01:21:44	admin	192.168.1.102	Login

Reboot the camera and clear the log records.

4.3 Basic Settings

This section allows you to configure your camera's Name, Time, Mail, User account and Multi-Device.

4.3.1 Camera Name

You can define a name for your camera here such as apple. Click Save to save your changes. The alias name cannot contain special characters.

	Camera Name
	Save Sefresh
	FI9826P
Camera Name	The maximum Device Name length is 20, support English, numbers, letters and symbols

4.3.2 Camera Time

This section allows you to configure the settings of the internal system clocks for your camera.

	Save Save Refresh
Time Zone	(GMT) Greenwich mean time; London, Lisbon, (🗸
	Sync with NTP server ☑
NTP Server	Auto
	2016-4-26 08 15 53 Sync.with RC/Terminal
Date Format	YYYY-MM-DD V
Time Format	24-hour
use DST 🔽	
From	April V first V Sunday V 2 V : 0 0
То	October V the last one V Sunday V 2 V : 0 0
Ahead Of Time	0 V Minute

Time Zone: Select the time zone for your region from the dropdown menu.

Sync with NTP server: Network Time Protocol will synchronize your camera with an Internet time server. Choose the one that is closest to your camera.

Sync with PC: Select this option to synchronize the date and time of the Network Camera with your computer.

Manually: The administrator can enter the date and time manually. Note select the date and time format. **use DST:** Select the daylight saving time from the dropdown list.

Click Save button and submit your settings.

NOTE: If the power supply of camera is disconnect, you need set the camera's time again.

4.3.3 User Accounts

Here you can create users and set privilege, **visitor**, **operator** or **administrator**. The default user account is admin, with a blank password. You can enter the users accounts of visitor, operator and administrator Manually.

Status Basic Settings		User Accounts			
Camera Name					Refres
Camera Time	NO.	Username	Privilege	Username	
User Accounts	1	foscam	Administrator	Privilege Administrator	•
Multi-Camera	2	admin	Administrator	Change usernar	ne
Network	3			Change passwo	rd
Video	4				
Record	5				
PTZ 📃	6				
Firewall	7				
System	8				

How to change the password?

Firstly, select the account which you want to change the password, then select "Change password", enter the old password and the new password, lastly click modify to take effect.

		1	7		Refre
10.	Username	Privilege	Username	admin	
1	foscam	Administrator	Password	•••••	
2	admin	Administrator	New username		
3			New password		
4			Password Security Level		
5			Confirm the password		
6			Privilege	Administrator	Ŧ
7				Change username	
8			-	Change password	

How to add account ?

Select one blank column, then enter the new user name, password and privilege, last click Add to take effect. You can see the new added account on the Account list.

				Refrest
NO.	Username	Privilege	Username	user
1	foscam	Administrator	Password	••••
2	admin	Administrator	Password Security Level	Low security level.
3			Confirm the password	••••
4			Privilege	Administrator
5				Change username
6		2.		Change password
7				Add

		User	Accounts
			Re
NO.	Username	Privilege	Username user
1	foscam	Administrator	Privilege Administrator *
2	admin	Administrator	Change username
3	user	Administrator	Change password
4			Delete
5			Detete
6			
7			
8			

Delete : Select the account which you want to delete, then click Delete button to take effect. **NOTE:** The default admin account cannot be deleted, but you can add other administrator users.

How to change the username ?

Firstly, select the account which you want to change the username, then select "Change username", enter the new password, lastly click modify to take effect.

				-Re	fresh
NO.	Username	Privilege	Username	user	
1	1	Administrator	New username	test	
2	user	Administrator	Privilege	Administrator	
3				Change username	
4		5	E	Change password	
5				Modify	
6				mouny	
7					
8					

4.3.4 Multi-Camera

If you want to view multi-surveillance screens on one window, you need to login one camera, and set it as the main device, and do Multi-Device Settings, add other cameras to the first one camera. Before you do multi-cams settings, you need to assign different port such as 81, 82, 83, 84, 85, 86, 87, 88 to the cameras if there is 8 cams installed.

The firmware within the camera can support a maximum of 9 devices monitoring all at the same time. This page you can both add FOSCAM MJPEG and H.264 series cameras to the first camera and view multi-surveillance screen on one window.

Add cameras in LAN

In Multi-Device Settings page, you can see all devices searched in LAN. The 1st Device is the default one. You can add more cameras in the list in LAN for monitoring. The camera's software supports up to 9 IP Cameras online simultaneously. Click The 2nd Device and click the item in the Device List in LAN, the Alias, Host and Http Port will be filled in the boxes below automatically. Enter the correct username and password then click Add. Add more cameras in the same way.

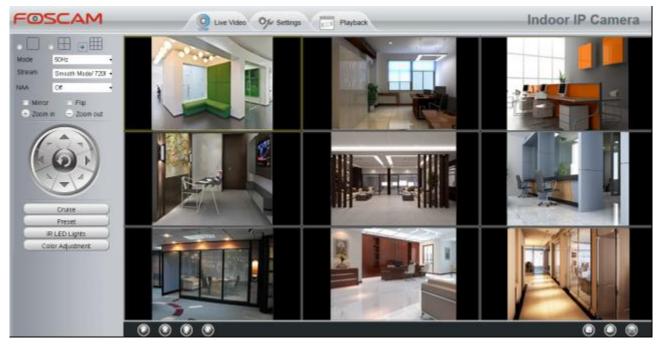
Status				Multi-Camera
Basic Settings Camera Name		Cameras On LAN	1111(172.1 EOSCAM(1	M(172 16 0 27)
Camera Time				ous(172,16,0,179) Refresh
User Accounts	_	The 1st Camera	This Camer	nera 🛨
(Multi-Camera		The 2nd Camera	None	1 Click it, camera model, alias,
Network		Camera Model	H264	host and HTTP Port will be
Video		Camera Name	anonymo	filled in the following boxes
Record		Host	172,16.0.	
PTZ	$ \rightarrow $	HTTP Port	80	
Firewall		Media Port	80	
System	$ \rightarrow $	Media i ore	ou	
		Username	admin	
		Password		
2		to take effect.	Add	Delete
3			None	2 Enter the User name and
		The 4th Camera	None	password of the 2nd camera.
		<u>ine qui Ganicia</u>	Hone	password of the 2nd camera.

Camera Model: Our Company produces two series cameras: MJPEG and H.264. Here will show you which series the camera belongs to.

	Refresh	
Cameras On LAN	anonymous(192.168.11.193) FI9821W for ebuyer (192.168.11.241) anonymous(192.168.11.203) anonymous(192.168.11.243)	
The 1st Camera	This Camera	
The 2nd Camera	anonymous(192.168.11.203)	
The 3rd Camera	FI9821W for ebuyer (192.168.11.241)	
The 4th Camera	anonymous(192.168.11.203)	
The 5th Camera	None	
The 6th Camera	None	
The 7th Camera	None	
The 8th Camera	None	
The 9th Camera	None	

Back to **Surveillance Windows**, and click Four Windows option, you will see four cameras you added.





Add cameras in WAN

If you want to view all cameras via the internet(remote computer), you will need to add them using DDNS domain name. Firstly, make sure all of the cameras you added can be accessed through the internet. (The way to configure DDNS is in chapter 4.4.3)

login to the first camera using a DDNS domain name and port.

edit View Favorites Tools		<mark>∂</mark> + → >	K 🦉 IPCam Client	X 5 Google Translate
-OSCAM		DDNS domain e and port to login	deo 🔗 Se	ttings Playback Indoor IP Camer
Setup Wizard			De	vice Status
Status	l		DC	Refresh
Device Information		-		- Reitean
(Device Status	<	Alarm Status	Disabled	
Session Status		Recording Status	Not Record	ng
Log		SD Card Status	No SD card	
Basic Settings		SD Card Free Space	0KB	
Network				
Video	1	SD Card Total Space	0KB	
Alarm		NTP Status	Success	
Record		DDNS Status	Success htt	p://test09.myfoscam.org:800
Firewall		UPnP Status	Success	
System		WiFi Status	Not connect	Make sure each camera you need add
		IR LED Status	Off	Make sure each camera you need add

Click **Multi-Device Settings**. Choose **The 2nd Device**. Fill in the 2nd camera's name, DDNS domain name, port number. Enter user name and password and then choose Add.

The 1st Camera	This Camera	
The 2nd Camera	FI9821W(172.16.0.47)	
Camera Model	H264] 1
Camera Name	FI9821W	2
Host	172.16.0.47	
HTTP Port	88	3
Media Port	88	
Usemame	admin	
Password		4
Ę	Add Delete	

- 1 ---- The camera model: MJ or H264.
- 2 ---- The 2nd camera's name
- 3 ---- Fill in the 2nd camera's DDNS host not LAN IP

NOTE: The MJ series have the same HTTP Port NO. and Media Port NO.

- 4 ---- Enter the 2nd camera's user name and password
- 5 ---- Click Add button and to take effect

NOTE: Here the Host must be entered as the second camera's DDNS domain name, not its LAN IP.

Cameras On LAN	anonymous(192.168.11.193) FI9821W for ebuyer (192.168.11.241) anonymous(192.168.11.203) anonymous(192.168.11.243)		
		Refresh	
The 1st Camera	This Camera		
The 2nd Camera	FI9821W(172.16.0.47)		
<u>The 3rd Camera</u>	FI9821W for ebuyer (192.168.11.241)		
<u>The 4th Camera</u>	anonymous(192.168.11.203)		
<u>The 5th Camera</u>	None		
<u>The 6th Camera</u>	None		
<u>The 7th Camera</u>	None		
<u>The 8th Camera</u>	None		
The 9th Camera	None		

Return to video window. You will see all of the cameras accessible through the internet.

When you are away from home, you can use the first camera's DDNS domain name and port to view all the cameras via internet.



4.4 Network

This section will allow you to configure your camera's IP, DDNS, Wireless Settings, UPnP and Port.

4.4.1 IP Configuration

If you want to set a static IP for the camera, please go to **IP Configuration** page. Keep the camera in the same subnet of your router or computer.

ain IP From DHCP 🔲			
° Address	192.168.0.109]	
Gubnet Mask	255.255.255.0]	
Gateway	192.168.0.1]	
Primary DNS Server	192.168.0.1]	
Secondary DNS Server	202.96.134.133		

Changing settings here is the same as using the Equipment Search Tool.

It is recommended that you use the subnet mask, gateway and DNS server from your locally attached PC. If you don't know the subnet mask, gateway and DNS server, you can check your computer's local area connection as follows:

Control Panel \rightarrow Network Connections \rightarrow Local Area Connections \rightarrow Choose Support \rightarrow Details

S Network Connections	
File Edit View Favorites Tools Advanced Help	1
G Back • 🕥 · 🏂 🔎 Search 🎼 Folders 🛄 •	
Address 🔕 Network Connections	✓ → 60
Network Tasks LAN or High-Speed Internet Local Area Connection Status Create a new connection Local Area Connection Connected, Firewalled Realtek RTL8139/810x Fa General Support Set up a home or small office network Change Windows Firewall settings Address Type: Assigned by Disable this network device Disable this connection Subnet Mask: 255.255 Default Gateway: 192.16 Rename this connection Default Gateway: 192.11 Details Click here Windows did not detect problems with this connection. If you cannot connect, click Repair. Repair.	8.0.50 .255.0
Other Places Control Panel My Network Places My Documents My Computer	Close

🔌 Network Connections			
File Edit View Favorites Tools Advanced Help			27
🚱 Back 🔹 🌍 - 🎓 🔎 Search 🌮 Folders 🛄 -			
Address 🔕 Network Connections			🗸 🔁 Go
LAN or High-Speed Internet	Local Area Connecti	on Status	? ×
Network Tasks (S)	Network Connection D	etails	? 🛛
connection connected, in evaluated	work Connection Detail	3:	
Set the same Subnet Mask and	operty	Value	
gateway of the camera with your	ysical Address Address bnet Mask fault Gateway ICP Server ase Obtained	00-E0-D0-00-23-01 192.168.0.50 255.255.255.0 192.168.0.1 192.168.0.1 2010-7-23 17:20:44	
View There are two DNS servers. You	ase Expires S Servers NS Server	2010-7-23 19:20:44 202.96.134.33 192.168.0.1	
Control Panel My Network Places My Documents My Computer		Clo	se
Details Connection			Close

If you don't know the DNS server, you can use the same settings as the Default Gateway.

4.4.2 Wireless Settings

FI9821EP do not support wireless function.

There are two ways of wireless connection: Manually configure the wireless connection and WPS.

Manually configure the wireless connection

Step 1: Choose **"Settings**" on the top of the camera interface, and go to the **"Network**" panel on the left side of the screen, then click **"Wireless Settings."**

Click the **Scan** button and the camera will detect all wireless networks around the area. It should also display your router in the list.

Basic Settings		VV	ireless Settings	Save Refrest
Network	Wireless Network I	List	Scan	SSID
Wireless Settings	SSID(Network Name)	Encrypt Cli	ck the Scan button	None
PPPoE	TP-LINK_B18958	Linenco	search for wireless	h password length is 63, does
DDNS UPnP	TP-LINK_liyo		tworks.	port the character & =
Port	maqb	WPA/WPAZ		
Mail Settings	TP-LINK_YF	WPA/WPA2	at	
FTP Settings	Network-9F8700E207022	WPA/WPA2	at	
Video	TP-LINK_51BAB4	WPA/WPA2	at	
Alarm	TP-LINK_wyy	WPA/WPA2	at	
Record PTZ	wjx	Unencrypt		
Firewall	zhwwang_1	Click the	e Page number to s	see other wireless
System	TP-LINK_B2637A		s devices if there a	

Step 2: Click the SSID (name of your router) in the list, the corresponding information related to your network, such as the name and the encryption, will be filled into the relevant fields automatically.

You will only need to fill in the password of your network. Make sure that the SSID, Encryption and the password you filled in are exactly the same for your router.

	W	ireless Se	ettings
			Save Refresh
Wireless Network I	List	Scan	SSID TP-LINK_51BAB4
SSID(Network Name)	Encryption	Quality	Encryption WPA/WPA2
TP-LINK_B18958	Unencrypt	at	Password
TP-LINK_liyo	WPA/WPA2	all	The maximum processing the processing of
maqb	WPA/WPA2	all	2 Enter the password of your router.
TP-LINK_YF	WPA/WPA2	att	
Network-9F8700E207022	WPA/WPA2	att	
TP-LINK_51BAB4	WPA/WPA2	afi	1 Click the SSID of your router and
TP-LINK_wyy	WPA/WPA2	atl	the relevant information will be filled in the fields automatically.
wjx	Unencrypt	all	
zhwwang_1	WEP	all	
TP-LINK_B2637A	Unencrypt	all	

Step 3: Please click on the **Save** button after all settings have been entered and disconnect the network cable. Never shut down the power of the camera until the IP camera is able to connect to the wireless

network.

The LAN IP address will disappear on the window of Equipment Search Tool when the camera is configuring a wireless connection. Wait about 1 minute, the camera should obtain a wireless connection, and the LAN IP of the camera will show again on the window of the Equipment Search Tool. The IP address may have changed after the camera receives a wireless connection; we recommend setting a static local IP address if this IP address changes by right clicking the camera in Equipment Search Tool, setting a static IP, and pushing OK.

Congratulations! You have set up the wireless connection of the camera successfully.

NOTE :

If you fail to make a wireless connection, please refer to your seller or contact us directly for assistance.

WPS (WI-FI Protected Set-up)

Before using WPS wireless connection, you need to:

- Make sure that your wireless router has the WPS function, and has been properly connected to the Internet.
- WPS button on the wireless router is typically located on the front panel or rear panel.TP-LINK router's WPS button is called QSS (Quick Security Setup).
- Make sure that the ethernet cable and the camera is disconnected.







- (1) Press and hold the WPS button for three seconds. The Network light of the camera begins to twinkle at high frequency. (every 0.4 seconds)
- (2) Press and hold the WPS button for three seconds on your wireless router within 60 seconds. Then the camera will automatically create a secure wireless connection to your router in about 60 seconds.
- (3) The Equipment Search Tool will search the camera's LAN IP. Make sure the PC and the camera share the same subnet.

NOTE :

The security mode of router cannot be WEP, or else the WPS settings may be failed.

4.4.3 DDNS

FOSCAM camera has embedded a unique DDNS domain name when producing, and you can directly use the domain name, you can also use the third party domain name.

FOSCAM domain name

Here take **test09.myfoscam.org** for example. Go to option of DDNS on the **Settings->Network** panel, you can see the domain name.

		Save Refresh
nable DDNS		
Manufacturer's DDNS		
Manufacturer's DDNS	test09.myfoscam.org	Restore DDNS to factory
Third Party DDNS		
DDNS Server	None	v
Domain		

Now you can use http:// **Domain name + HTTP Port** to access the camera via internet.

Take hostname **test09.myfoscam.org** and HTTP Port no. 800 for example, the accessing link of the camera via internet would be http:// test09.myfoscam.org:800

Restore DDNS to factory: If you have configured Third Party DDNS successfully, but you want to use Manufacturer's DDNS again , here click this button and start Manufacturer's DDNS Service.

User can also use third part DDNS, such as www.no-ip.com. ,www. 3322.com

4.4.4 UPnP

		Save Save	Refresh
Enable UPnP	Yes		

The default UPnP status is closed. You can enable UPnP, then the camera's software will be configured for port forwarding. Back to the "**Device Status**" panel, you can see the UPnP status:

Setup Wizard		Device Status			
Status		Refresh			
Device Information		Keiresii			
Device Status	Alarm Status	Disabled			
Session Status	Recording Status	Not Recording			
Log	SD Card Status	No SD card			
Basic Settings	SD Card Free Space	OKB			
Network					
Video	SD Card Total Space	0KB			
Alarm	NTP Status	Success			
Record	DDNS Status	Success http://test09.myfoscam.org.800			
Firewall	UPnP Status	Success			
System	WiFi Status	Not connected			
	IR LED Status	Off			

The camera's software will be configured for port forwarding. There may be issues with your routers security settings, and sometimes may error. We recommend you configure port forwarding manually on your router.

4.4.5 Port

This camera supports HTTP Port. HTTP Port is used to access the camera remotely. If you want to access the camera and view the video, the HTTP Port must both be configured correctly.

	Port	
		Save Refresh
HTTP Port	88	
HTTPS Port	443	
ONVIF Port	888	
RTSP port	554	

HTTP port: By default, the HTTP is set to 88. Also, they can be assigned with another port number between 1 and 65535. But make sure they can not be conflict with other existing ports like 25, 21.

Another way to change the HTTP port NO.

Step 1: Open the Equipment Search Tool, select the camera you would like to change the port of, right click on the IP address, and click on "Network Configuration", this brings up the network configuration box as flowing figures.

Camera Name	IP Address	Device ID	Туре
onymous	Basic Properties	126E55AB1E	IPC
	Network Configuration		
	Recover Default Refresh Device List	ect which camera 'd like to change the t for, and right click .	

Camera Name nonymous	🔽 Obtain IP from	n DHCP server	Device ID 00626E55AB1E	Туре ІРС
	IP Address Subnet Mask	192 .168 . 1 .105 255 .255 .255 . 0		
	Gateway DNS Server	192 .168 .1 .1 192 .168 .8 .8	Modify the Ht	tp Port .
	Http Fort User	2000 admin		
	Password OK	***** Cancel	Enter the Us password, c	
		ng the configuration		

Step 2: Enter the username and password of the Administrator (default username is admin with a blank

password), and click "OK" to apply changes.

Step 3: Wait around 10 seconds, you'll see that the camera's LAN IP address has changed. In our example it was changed to 2000, so we see http://192.168.1.105:2000 in Equipment Search Tool. Also, the LAN IP address is now fixed at a static IP address of http://192.168.1.105:2000. This IP address will not change even if the camera is powered off and back on, the camera will remain on this LAN IP address. This is very important that a static LAN IP address is set, or you may have problems later with remote access and seeing the camera remotely if the camera loses power and reconnects on a different LAN IP address. Make sure you set a static LAN IP address!

Equipment Search Tool			
Camera Name	IP Address	Device ID	Туре
Anonymous	Http://192.168.1.105:2000	00626E55AB1E	IPC

If the camera cannot be accessed, please make sure the port forwarding is succeed.

HTTPS port: The default port is 443. You can use the url to access the camera: <u>https:// IP + HTTPS</u> <u>port.</u>

ONVIF port: By default, the ONVIF port is set to 888. Also, they can be assigned with another port number between 1 and 65535(except 0 and 65534). But make sure they can not be conflict with other existing ports. (Except FI9815P, FI9816P)

RTSP port: The default port is 443. Only some IP Cameras have RTSP port.

Note: The Onvif port and RTSP port of FI9815P, FI9816P are showed on Onvif page, you can enable or close the port. Please refer chapter 4.4.10.

4.4.6 Mail Settings

If you want the camera to send emails when motion has been detected, here Mail will need to be configured.

	5 Save Refresh
Enable 💌	
SMTP Server	smtp.gmail.com SMTP server address supports English, numbers and $@$
SMTP Port	25 1
Transport Layer Security	STARTTLS G-Mail only supports TLS at Port 465 and STARTTLS at Port 587 or 25. Hotmail only supports STARTTLS at Port 587 or 25.
Need Authentication	Yes
SMTP Username	test123@gmai.com 2 The maximum length of the user name is 63, support numbers, letters and symbols @ \$ *-
SMTP Password	The maximum password length is 32, does not support the character & =
Sender E-mail	test123@gmai.com Test 6
First Receiver	test@163.com The maximum length of the receiver is 63, support numbers, letters and symbols @ \$ * -
Second Receiver	tset@hotmail.com 4
Third Receiver	
Fourth Receiver	

1---- SMTP Server/ Port /Transport Layer Security Enter SMTP server for sender. SMTP port is usually set as 25. Some SMTP servers have their own port, such as 587 or 465, and Transport Layer Security usually is None. If you use Gmail, Transport Layer Security must be set to TLS or STARTTLS and SMTP Port must be set to 465 or 25 or 587, which port you choose should be decided by which Transport Layer Security you select.

2---- SMTP Username/ password ID account and password of the sender email address

3---- Sender E-mail Mailbox for sender must support SMTP

- 4---- Receiver Mailbox for receiver need not support SMTP, you can set 4 receivers
- **5---- Save** Click Save to take effect
- **6---- Test** Click Test to see if Mail has been successfully configured.

Click **Test** to see if Mail has been successfully configured.

	Save Refresh
Enable 🔽	
SMTP Server	smtp.gmail.com SMTP server address supports English, numbers and @ _, -
SMTP Port	25
Transport Layer Security	STARTTLS G-Mail only supports TLS at Port 465 and STARTTLS at Port 587 or 25. Hotmail only supports STARTTLS at Port 587 or 25.
Need Authentication	Yes
SMTP Username	test123@gmai.com The maximum length of the user name is 63, support numbers, letters and symbols @ \$ * -
SMTP Password	•••••• The maximum password length is 32, does not support the character & =
Sender E-mail	test123@gmai.com Test Success Test result.
First Receiver	test@163.com The maximum length of the receiver is 63, support numbers, letters and symbols @ \$ * -
Second Receiver	tset@hotmail.com
Third Receiver	
Fourth Receiver	

If the test success, you can see the Success behind the Test, at the same time the receivers will receive a test mail.

If the test fails with one of the following errors after clicking **Test**, verify that the information you entered is correct and again select Test .

- 1) Cannot connect to the server
- 2) Network Error. Please try later
- 3) Server Error
- 4) Incorrect user or password

5) The sender is denied by the server. Maybe the server need to authenticate the user, please check it and try again

- 6) The receiver is denied by the server. Maybe because of the anti-spam privacy of the server
- 7) The message is denied by the server. Maybe because of the anti-spam privacy of the server
- 8) The server does not support the authentication mode used by the device

4.4.7 FTP Settings

If you want to upload record files and images to your FTP server, you can set **FTP Settings**.

	ftp://192.168.8.150
FTP Server	Example:ftp://192.168.1.103/dir The maximum length of the address is 127, does not support the character & =
Port	21
FTP Mode	PORT
Username	yaocuixiang The maximum length of the user name is 63, support numbers, letters and symbols _ @ \$ *- , . #!
Password	•••••••• The maximum password length is 63, does not support the character & =
Test	Success

Figure a

	Save Refresh
	ftp://ftp.mgenseal.com
	example:ftp://192.168.1.103
Port	21
FTP Mode	PORT
User name	deotestge
Password	•••••
Test	Success

Figure b

FTP server: If your FTP server is located on the LAN, you can set as Figure a.

If you have an FTP server which you can access on the internet, you can set as Figure b.

Port: Default is port 21. If changed, external FTP client program must change the server connection port accordingly.

FTP Mode: Here supports two modes: PORT and PASV.

Username/password: The FTP account and password.

Click **Save** to take effect.

Click **Test** to see if FTP has been successfully configured.

4.4.8 P2P

Access the IP Camera by Smart Phone (Android or iOS operating system) First of all, you must open the P2P function of the IP Camera at "**Settings --> Network --> P2P.**"

	P2P	
		Save Refresh
UID	FLGTBW7YGBUV9NPMUR41	
Enable P2P 🔽		
P2P Port	29499	

Foscam App named Foscam on App Store and Google Play for iOS and Android devices

NOTE:

If the QR code scanning is not successful, please input the UID on the bottom of the camera manually.

4.4.10 Onvif(Only FI9815P, FI9816P)

On this page, you can enable the Onvif port and RTSP port. ONVIF(Open Network Video Interface Forum) is a standard for talking to Network Camera Devices and other similar security hardware.

ONVIF port: By default, the ONVIF port is set to 888. Also, they can be assigned with another port number between 1 and 65535(except 0 and 65534). But make sure they can not be conflict with other existing ports.

RTSP port: The default port is 554.

		Save Save Refresh
nable 🔽		
ONVIF Port	888	
RTSP Port	554	

4.5 Video

This section allows you to configure Video stream settings, On screen display and Snapshot settings.

4.5.1 Video Settings

There are two ways to set the stream video settings. They are main stream video settings and sub stream video settings.

	Video Se	ettings
		Save Refresh
Main stream video settings		
Enhanced Night Vision Defini	tion 🔽	
Stream Type	HD Mode	
Resolution	720P	
Bit Rate	2M	
Frame Rate	30	
Key Frame Interval	30	
Variable bitrate	Yes	
Sub stream video settings		
Stream Type	HD Mode	
Resolution	720P	•
Bit Rate	512K	
Frame Rate	10	
Key Frame Interval	30	

Stream type: There are four types to identify different streams you have set.

Resolution: The camera supports multiple types. The higher the resolution is the clearer video will become. But the code flux will become larger too, and it will take up more bandwidth. (The maximum frame rate for each model is different.)

Bit Rate: Generally speaking, the larger the bit rate is, the clearer video will become. But the bit rate configuration should combine well with the network bandwidth. When the bandwidth is very narrow, and bit rate is large, that will lead to video can not play well.

Frame rate:Note that a larger frame size takes up more bandwidth. You should lower frame rate when the bandwidth is limited. Normally, when the frame rate above 15, you can achieve fluently video.The maximum frame rate for each model is different.

Key Frame Interval: The time between last key frame and next key frame. The shorter the duration, the more likely you will get a better video quality, but at the cost of higher network bandwidth consumption.

Variable Bitrate: The two options are Yes and NO. Select Yes the bit rate is variable, and the highest value isn't higher than Bit Rate Value (2Mbps). Select NO and the bit rate is constant with Bit Rate Value (2Mbps).

4.5.2 On Screen Display

This page is used to add timestamp and device name on the video.

	0SD	
		Save Refresh
Display Timestamp	Yes	
Display Camera Name	Yes	

Display Time stamp

There are two options: Yes or NO. Select Yes and you can see the system date on the video.

Display Camera Name

There are two options: Yes or NO. Select Yes and you can see the device name on the video.

4.5.3 Snapshot Settings

On this page you can set the snapshot pictures' image quality and the storage path.

																(S	ave)	C	R	efres	h
Manual snap Quality				[Medi	um									~									
Picture	s Sa	ve T	0		[None	9				~													
able tim	ing to	capt	ture 🕞	v																				
Capture	e inte	val			1	0					(5-65	535s)											
All	00	01	02	03	04	05	06	07	© 08	Sc 09	hedu 10	lle 11	12	13	14	15	16	17	18	19	20	21	22	23
MON																								
TUE																								
WED																								
THU																						1		
-		- C4		100		1		1.0								1.0				1		1		
FRI																								
FRI SAT		- 22																						

Manual snap Quality: Low, Middle and High. The higher the quality, the picture will be clearer.

Pictures Save To: FTP or SD card. If you have done FTP and Alarm settings, when alarming, the camera will snap pictures to the FTP or SD card automatically.

If you select the FTP, you can set the file name which the picture save to. For example: file name is "NAME", the snapshot picture is "NAME_20150605-180000.jpg".

Enable timing to capture

To enable capture interval, follow the steps below:

- 1 Select Enable Motion detection
- 2 Capture interval: The interval time between two captures.

3 Select the capture time

• Capture anytime

Click the black button up the MON, you will see all time range turn red. When something moving in the detection area at anytime, the camera will capture.

- Specify an capture schedule Click the week day words, the corresponding column will be selected. For example, click TUE, the all column of TUE turns to red, that means during Tuesday whole day, the camera will capture.
- Press the left mouse and drag it on the time boxes, you can select the serial area,

4 Click Save button to take effect.

4.5.4 IR LED Schedule

On this page you can set the schedule time for switching IR LED lights. When parameter Mode is set to the **Schedule** on the **Live Video** window, at these schedule time, the IR LED lights will be turned off.

	IR LED Schedule
	Save Refresh
IR LED Schedule	
Turn the IR LED off	From 08 •:00 • To 18 •:00 • Add

4.6 Detector

4.6.1 Motion Detection

IP Camera supports **Motion Detection Alarm**, when the motion has been detected, the IP Camera will make a alarm.

	Motion Detection	sł
nable 📝 📍		
Sensitivity	Low 2	
Triggered Interval	15s 3	
	Camera Sound PC Sound	
	Send E-mail	
	Take Snapshot V Time Interval 2s 💌	
Action	Please set the capture storage location in advance.(Video -> Snapshot Settings)	
	Recording 🔽	1
	Please set the video storage location in advance.(Record -> Storage Location)	
	Push message to the phone 🔽	
	Set Detection Area 5	
	© Schedule 6	
All 00 01 02 0	3 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22	

Step 1: Enable Motion detection

Step 2: Sensitivity---- It supports five modes: Lowest, Lower, Low, Medium and High. The higher the sensitivity, the camera will be more easily alarmed. Select one motion sensitivity.

Step 3: Trigger interval--- The interval time between two motion detection.

Step 4: There are some alarm indicators:

A Camera Sound and PC Sound

If the camera has connected with a speaker or other audio output device, if you select Camera Sound or PC Sound, when the motion has been detected, the people around the camera will hear beep alarm sound.

B Send E-mail

If you want to receive alarm emails when motion is detected, you must select Send E-mail and set Mail Settings first.

C Take Snapshot

If you select this checkbox, when the motion has been detected, the camera will snap the live view window as a still picture and load it to the FTP. Make sure you have set FTP and set FTP as the storage path in Video->Snapshot settings panel.

Capture interval: The interval time between two pictures.

D Recording

If you select this checkbox, when the motion has been detected, the camera will record automatically and store the record files to the SD Card. Make sure the camera has inserted SD card and you have set the SD card as the Alarm record files storage path, please go to **Record—> Storage location** page to verify this settings.

The default alarm record time is 30s and pre-alarm record time is 5s, please go to **Record—> Alarm Record** page and change the alarm time settings.

E Push message to the phone

If you select this checkbox, when the motion has been detected, the camera will push the message to the phone which has been connected the camera.

F IO Output(Only 9815P)

If IO alarm is triggered and IO alarm output device will always alarm (sound alarm is issued a warning sound, alarm lights in flash etc.). Click "Clear IO alarm output", the alarm output device will stop alarming. If IO alarm is triggered again after alarm interval, IO alarm output device will be restart.

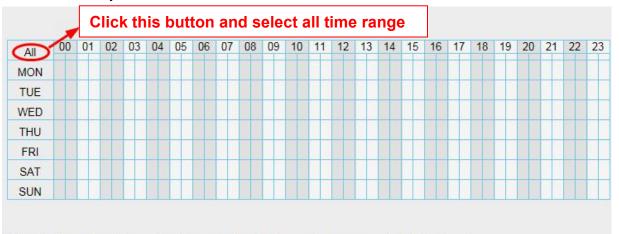
Step 5: Set detect area

Click set detect area and it pop up a window, then you can draw the detection area. Click **OK** button after settings. When something moving in the detection area, the camera will alarm.

Step 6: Alarm Schedule

① Alarm anytime when motion is detected

Click the black button up the MON, you will see all time range turn red. When something moving in the detection area at anytime, the camera will alarm.



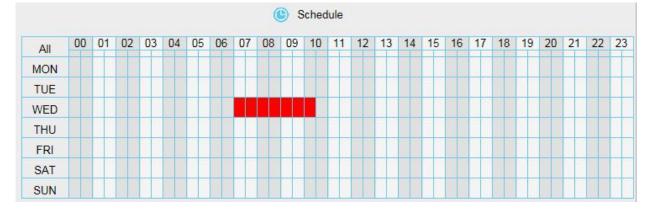
Scheduled recording will stop while alarm recording begins, and go on automatically after it ends.

② Specify an alarm schedule

Click the week day words, the corresponding column will be selected. For example, click TUE, the all column of TUE turns to red, that means during Tuesday whole day, when something moving in the detection area, the camera will alarm.

									() S	Sched	lule												
All	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON																								
TUE																								
WED																								
THU																								
FRI						_																		
SAT																								
SUN																								

③ Press the left mouse and drag it on the time boxes, you can select the serial area.



Step 7: Click Save button to take effect.

When the motion has been detected during the detection time in the detection area, the camera will alarm and adopt the corresponding alarm indicators.

NOTE: You must set the detection area and detection schedule, or else there is no alarm anywhere and anytime.

4.6.2 Sound Detection

Some models support Sound alarm.

When the ambient sound over a certain decibel ,the sound alarm will be triggered.

					So	un	d	De	teo	ctic	on									
												(E	Si	ave)	e	R	efres	h
Enable 🔽																				
Sensitivity		Lo	w									•								
Triggered Interval		15	s									•								
		Can	nera S	ound	1				F	PC So	ound									
		Sen	d E-m	ail 🗸]															
		Tak	e Sna	psho	t 🔽				Т	ime	Interv	al 🗄	2s 💌							
Action		Plea	ise se	t the	capt	ure s	torag	je loo	ation	in a	dvan	ce.(V	ideo	-> Sr	napsł	not S	etting	js)		
		Rec	ording	v																
		Plea	ise se	t the	vide	o sto	rage	locat	tion in	n adv	ance	. <mark>(Re</mark> d	ord ·	> Sto	orage	Loca	ation)		
		Pus	h mes	sage	to th	ne ph	one	V												
					() s	Sche	dule												
All 00 01 02	03 0	04 05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON																				

If the Sensitivity is set to "High", the camera will detect the sound whose more than 55db. If the Sensitivity is set to "Medium", the camera will detect the sound whose more than 65db. If the Sensitivity is set to "Low", the camera will detect the sound whose more than 75db. If the Sensitivity is set to "Lower", the camera will detect the sound whose more than 85db. If the Sensitivity is set to "Lower", the camera will detect the sound whose more than 95db.

4.6.3 IO Alarm(Only FI9815P)

This IP camera provides a I/O alarm terminal block which is used to connect to external input / output device.

The alarm device(door sensor, infrared sensor, smoke detectors, etc) send input command to the network camera, then the network camera send output command to the alarm output device(local audible alarm, lights alarm,etc.).

												10												
																Œ	1	Save		C	b)	Refr	esh	9
Enable 🔽]																							
Trigger	level					Lov	N									•								
Trigger	ed In	terva	I			105	\$									•								
						Cam	era S	Sound					F	C Sc	ound									
						Send	l E-m	nail 🔽]															
						Take	Sna	psho	t 🔳				Т	ime I	nterv	al 2s	•							
Action						Plea	se se	t the	capt	ure s	torag	je loo	ation	in ad	dvano	e.								
						Recording																		
						Please set the video storage location in advance.																		
						10 0	utput						Clea	ar IO	Alarr	n Ou	tput	1						
									() :	Sche	dule												
All	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON																								
TUE																								
WED																								
THU																								
FRI																								
SAT																								
SUN																								

Figure c

There is an IO alarm input/output lines in the FOSCAM camera rear, as shown in Figure c. Enable IO alarm need this cable to connect to the alarm device (door sensor, infrared sensor, smoke detector, etc.). I/O Alarm has four ports:

- Port 1 and port 2 indicate IO alarm output
- Port 3 and port 4 indicate IO alarm input



Setting IO alarm

On the IO page, Enable the I/O alarm, select the "**Send E-mail**" and "**Snapshot**" before you have configured the mail and FTP.

If an IO alarm is triggered and IO alarm output device will always alarm (sound alarm is issued a warning sound, alarm lights in flash etc.). Click "Clear IO alarm output", the alarm output device will stop

IO Enable v

alarming. If IO alarm is triggered again after alarm interval, IO alarm output device will be restart.

Enable																				
riggeriever		Lov	(-	-							
Triggered Interval		10s										•								
		Came	era S	ounc					P	C So	ound [
		Send	E-m	ail 🔽]															
	-	Take	Sna	pshot	t				Т	ime	Interv	al 2s	•							
Action	1	Pleas	e se	t the	capt	ure s	torag	e loc	ation	in a	dvand	e.								
	1	Recording																		
	Please set the video storage location in advance.																			
	- F	0 0	utput	V					Clea	r IO	Alam	n Ou	tput		1					
					() s	Scheo	lule												
All 00 01 02 0	3 04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON																				
Click this button and																				
elect all time range.																				
FRI																				
SAT																				
SUN																				

4.7 Record

This section will allow you to change the record files storage path and the record time.

4.7.1 Storage Location

On this page you can change the alarm and manually recording storage path.

	Storage	Location		
			Save Save	Refresh
Recording Location	None			
Local Recording Location	c:\IPCamRecord	Browse	Enter the local folder	

Recording Location is used for alarm recordings and schedule recordings.

The local recording must be stored in local storage. The default Windows storage location is "c:\IPCamRecord". The default Mac OS storage location is "/IPCamRecord". If you modify the path on other cameras, this default storage location will be modified accordingly.

Alarm Recording Location : SD card, FTP.

Check "SD card" : The video will be saved in SD card. Make sure the camera has been inserted the

SD card. On this page, you can see the available space of the SD card.

Check "FTP" : The video will be saved in FTP. Please refer to "FTP settings."

Local Recording Location: For Windows OS, the manual recording path is C:/ IPCamRecord, you can

change another one. For MAC OS, the manual recording path is: / IPCamRecord.

Enter the local folder :Click here, you can enter the local folder.

4.7.2 Alarm Recording

	Alarm Reco	rding
		Save Refresh
Enable Pre-Record 🕡		
Pre-recorded Time	2s	
Alarm Recording Time	30s	

4.7.3 Local Alarm Recording

This page you can enable the local alarm record and Local Alarm record time.

	ocal Alarm Rec	ording
		Save Refresh
Enable Local Alarm Recording 🕡		
Local Alarm Recording Time	30s	

4.7.4 Schedule Recording

When the video is selected as FTP, the device supports scheduled recording.

	Storage Loca	ition
		Save Sefresh
Recording Location	FTP	
Local Recording Location	c:\IPCamRecord	Browse

						50	ne	al	le	a I	te	COI	al	ng	10					~				
																Œ		Save	\bigcirc	e	>	Refr	esh	
nable Se	chedu	led l	Reco	rding																				
Stream	I		N	1ain :	strea	m								-										
									(D E	Edit S	ched	uled	Reco	ording)								
All	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	2
MON																								Γ
TUE												- 22				- 2								
WED						- 124				- 121														
THU										- 124								-						
FRI										- 101				- 24						-		- 101		
SAT		- 14				-								- 14		- 14						- 121		
SUN																								

When the video is selected as SD card, the device supports pumping frame recording. When the parameter **Recording Location** is set **SD Card** on the **Storage Location** page, you can configure parameters as shown in follow figure.

	Storage Loca	tion
		Save Sefresh
Descudies Lanation	SD card	
Recording Location		372.2 MB / 7.4 GB
Local Recording Location	c:\IPCamRecord	Browse

					S	ch	ed	ule	d	Re	со	rdi	ing	T	0 5	D	Ca	rd						
																C	9	Save	\mathbf{O}	6	Ð	Refr	esh)
Enable So	chedu	led	Reco	rding	V																			
Enable	Lon	g-tim	ne re	cord	ing	[No									•								
Record	l fran	ne				[30										¥							
Record	I full	strat	egy			[Cove	ər									•							
Audio F	Reco	rd				[No										•							
Stream	1					[Mair	n stre	am								•							
									() E	dit S	ched	luled	Rec	ordin	9								
All	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MON																								
TUE																								
WED																								
THU																								
FRI																								

Record frame: There are six frame selections, such as 1/30, 4/30, 8/30, 15/30, 24/30, 30/30. Recommended default is 4/30. The greater the Frame rate is, the sharper picture quality is, and the greater of storage space is, the shorter the storage time is.

Record full strategy: When the SD card is full, you can choose to cover the previous recording, or stop recording.

Audio Record: You can choose "yes" or "no".

NOTES:

- Scheduled recording only supports video saved to the SD card or FTP server.
- The schedule recording will stop while alarm recording is beginning, and it will continue automatically after alarm recording end.
- You can refer to "alarm schedule." in "Alarm" about editing the time of recording Schedule.

4.7.5 SD Card Management

This camera supports SD Card and the max size of SD card must be under 32G.

When you plug in the SD card during the camera work process, please reboot the camera again, or else the SD Card may be cannot work well.

	Refrest
SD Card Status	No SD card
SD Card Free Space	ОКВ
SD Card Total Space	OKB

The default storage path of alarm record files is SD card, when the available size of SD card is less than 256M, the old record files will be deleted automatically.

4.8 PTZ

This page will allow you to change the pan/tilt speed and do cruise tracks settings.

4.8.1 Pan & Tilt Speed

There are five Pt speed types: very fast, fast, normal, slow and very slowly. Select the desired PTZ speed type and click save button.

There are three zoom speed types: fast, normal, slow.

NOTE: only FI9826P has zoom function.

Setup Wizard		Pan & Tilt Spe	ed
Status			Save Refresh
Basic Settings			E Save B Reliesi
Network	Pan & Tilt Speed	Normal	•
Video	Zoom speed	Fast	
Alarm			
Record			
PTZ 💎			
Pan & Tilt Speed			

4.8.2 Cruise Settings

This section explains how to add/ delete/ alter one cruise track.

	Cr	uise Settin	gs	
				Refresh
Cruise Mode	Cruise time			
Cruise time	15 Minute			
	Save			
Cruise Tracks	Vertical	•	Add Delet	te Save
Preset point			Cruise track	
			Preset point	Dwell time
TopMost BottomMost			TopMost BottomMost	0 Sec 0 Sec
LeftMost			Dottominiost	0.360
RightMost		Add		
		Delete		
		Up		
		Down		

Setting the Cruise Mode

There are two cruise mode: Cruise time and Cruise Loops.

Cruise time: Select **Cruise time** from **Cruise Mode** drop-down, then you can set the **Cruise time** of the camera.

Cruise Loops:Select **Cruise Loops** from **Cruise Mode** drop-down, you can set the **Cruise Loops** of the camera.

Click Save to take effect.

Cruise Mode	Cruise time	
Cruise time	15 Minute	•
	Save	

Cruise Mode	Cruise Loops	•
Cruise Loops	loops	
	Save	

Manage the Cruise Track

There are two default cruise tracks: Vertical and Horizontal. **Vertical:** The camera will rotate from up to down **Horizontal:** The camera will rotate form left to right.

Add: Add one cruise track, then click save button.

Delete: Select one cruise track and delete it.

Save: After you modify the Dwell time, you should click Save button to take effect.

Example

How to do add cruise tracks ?

Firstly, Click Add button and enter a descriptive name to identify the cruise track.

Secondly: On the lower left of the page, you can see all preset points you have added. Select one preset point and click Add button, you can see the preset point has been added to the cruise track on the cruise track page. You need to add two or more preset points to the cruise track.

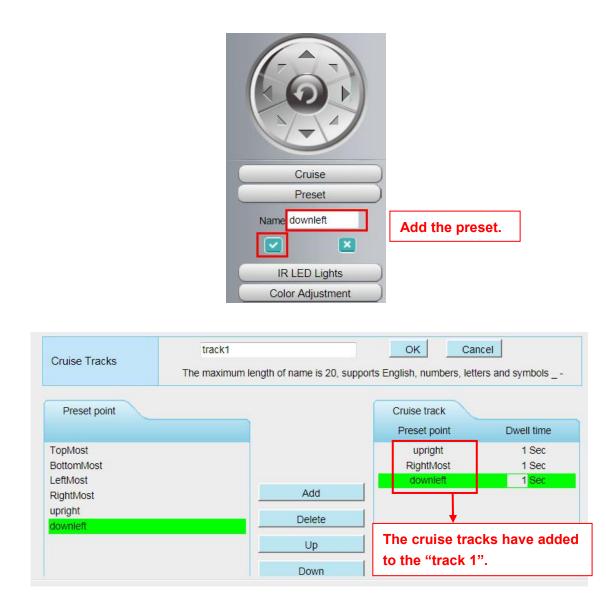
	Cruise	Settings	5		
				Refresh	
Cruis	e time				
15 Mi	nute	•			
Sa	ve				
test The maximu	m length of name	s 20, supports E			
The	e new added	track name	· iise track		
		-	BottomMost LeftMost		
]				
	Dete	te	- 1		-
set point.	2 Click Ad				. And
	15 Mi Sa test The maximu	Cruise time 15 Minute Save test The maximum length of name i The new added t add set point.	Cruise time 15 Minute Save test The maximum length of name is 20, supports E The new added track name Add Detete set point. Cruise time Cruise time C	15 Minute Save Lest OK Can The maximum length of name is 20, supports English, numbers, lette The new added track name. Ise track Preset point BottomMost LeftMost Here you ca has been ad you can set	Cruise time 15 Minute Save test OK Cancel The maximum length of name is 20, supports English, numbers, letters and symbols The new added track name. ise track Preset point Dwelt time BottomMost 1 Sec Add Dwete eset point. 2 Click Add button. Vertee

Thirdly: Click OK button and the cruise track will take effect.

You can add other cruise track as the same method.

For example: I have added three preset points to the "track 1", that means : When I select the "track 1" on the surveillance window, the camera moves as the following track: upright then Right Most last down left.

You can add preset on the left of the surveillance window.



After add the cruise track, back to the surveillance window, click Cruise, here you can see all cruise tracks you have added.

	Cruise
Track	Vertical Vertical Horizontal

There are other buttons between the Preset points and Cruise track, you can use these buttons to adjust

the order of preset points or add/delete one preset points in one cruise track.

Preset point		Cruise track	
		Preset point	Dwell time
TopMost		upright	1 Sec
BottomMost		RightMost	1 Sec
LeftMost		downleft	1 Sec
RightMost	Add		
upright downleft	Delete]	
	Up]	
	Down	1	

Add: Select one preset points and add it to the selected cruise track.

Delete: Select one preset points you have added to one cruise track, click delete.

Move up/ down: Select one cruise track, adjust the order of preset points in one cruise track.

Attention:

Considering the life time and thermal issue of the motor, it's not recommend to do long-time cruise.

4.8.3 Start-Up Options

Here section will allow you to set the stop position after the camera reboots.

It supports three modes: No self test, Goto home position and Goto preset point.

No self test: When rebooting, the camera will not pan / tilt.

Goto home position: When rebooting, the camera will pa Providing Central Management Software to manage or monitor multi-cameras n / tilt and stops at center.

Go to Preset point: Select one preset position and save it. When rebooting, the camera will pan/ tilt and stops at the preset position you have set.

		Save Save Refresh
Start-Up Option	Go To Home Position	•

4.9 Firewall

This section explains how to control the access permission by checking the client PC's IP addresses. It is composed of the following columns: Block access from these IP addresses and Only allow access from these IP addresses.

		Save Save	Refresh
nable Firewall 🔽			
IP Filtering	Block access from these IP addresses	*	
	Block access from these IP addresses Only allow access from these IP addresses		
IP Address #1			
IP Address #2			
IP Address #3			
IP Address #4			
IP Address #5			
IP Address #6			
IP Address #7			
IP Address #8			

Enable firewall, If you select Only allow access from these IP addresses and fill in 8 IP addresses at most, only those clients whose IP addresses listed in the **Only allow access from these IP addresses** can access the Network Camera. If you select **Block access from these IP addresses**, only those clients whose IP addresses are in the IP list cannot access the Network Camera. Click **Save** to take effect.

4.10 System

In this panel, you can backup/restore your camera settings, upgrade the firmware to the latest version, restore the camera to default settings and reboot the device.

4.10.1 Back-up& Restore

Click **Backup** to save all the parameters you have set. These parameters will be stored in a bin file for future use.

Click Browse and select the parameters file you have stored, then click Submit to restore the restore the parameters.

Ва	Backup	
Settings	gs can be restored by uploading the backup file.	
Path:	h: Browse Submit	
lote:		
. All cu	current settings will be lost when importing a configuration file. If an incorr	ect file is loaded, the camera may stop
vorking	ng correctly.	
. Keep	ep the power on during this process, or you may damage your camera. Y	our camera will reboot automatically once
	ation is completed.	

4.10.2 System Upgrade

Click "Download the latest firmware", you will see the following screen. And click "save" to save the firmware on your computer locally.

Setup Wizard	System Upgrade
Status	
Basic Settings	Download the latest firmware Current Firmware Version: 2.11.1.10
Network	Browse System Upgrade
Video	Result
Alarm	Your camera will reboot during the firmware upgrade.
Record	
PTZ	
Firewall	
System	
Back-up & Restore	
System Upgrade	
Patch Installation	
Factory Reset	
Reboot	
Do you want to open	or save FI9826W.zip (6.88 MB) from www.foscam.com? Open Save Cancel ×

Your current firmware version will be displayed on your screen. You may go to the **Status** \rightarrow **Device Information** page to check for the latest firmware versions available.

Click **Browse**, choose the correct bin file and then click **System upgrade**.

Don't shut down the power during upgrade. After upgrading, you can see the upgrade result.

Download the latest firmware	e Current Firmware Version: 2.52.1.29	
Br	system Upgrade	
Result	1 2	

Upgrade Firmware by Equipment Search Tool

Double click the Equipment Search Tool shot icon



, select the Camera IP that you want to

upgrade the firmware. Then select Upgrade Firmware and enter the username and password, choose the firmware file, and upgrade.

amera Name	IP Address	Device ID	Туре
onynous	H++++ //102 168 1 105-2000	00626E55AB1E	IPC
	Basic Properties		
	Network Configuration		
	Upgrade Firmware		
	Generate Check Code		
	Recover Default		
	Refresh Device List		
	Flush Arp Buffer		
	About Equipment Search Tool		

Camera Name	Anonymous Upgrade Firmware	Device ID	Туре
Anonynous		00626E55AB1E	IPC
	Password a	Enter the User name and Password	
	Upgrade System Firmware Upgrade Web VI		
	OK Note: After firmware upgrade the device will automatically restart.		

CAUTION: We recommend that you regularly update your camera to the latest available software and firmware versions to help ensure the best experience for your camera.

NOTES:

- Please ensure you have download the correct firmware package for your camera before upgrading. Read the upgrade documentation (readme.txt file) in the upgrade package before you upgrade.
- Upon downloading the firmware check the sizes of the .bin files. They must match the size in the readme.txt file. If not, please download the firmware again until the sizes are the same. Your camera will not function correctly if a corrupt .bin file is used.
- Never shut down the power of the camera during upgrade until the IP camera restart and get connected.
- After upgrade successfully, please uninstall the old plugin and re-install it, then reset the camera to the default factory settings before using the camera.

4.10.3 Patch Installation

Click "Browse" to select the correct patch file, and then click "Install Patch" to install the patch. Do not turn off the power during it installing. After installing is complete, you will receive a system prompt.

	Browse	Install Patch	
Uninstall Patch			
ennotaint atom			
Result			

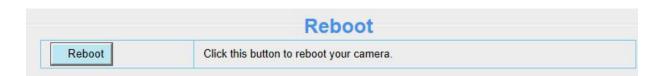
4.10.4 Factory Reset

Click All reset and all parameters will return to factory settings if selected. This is similar to press the Reset button on the bottom of the camera.

	Factory Reset	
Factory Reset	Click this button to reset the camera to factory default.	

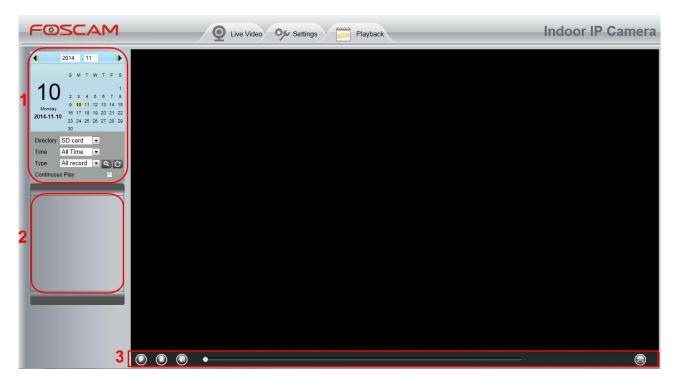
4.10.5 Reboot

Click Reboot System to reboot the camera. This is similar to unplugging the power to the camera.



5 Playback

On this page you can view the record files stored in the SD card.



Section 1 Define the Record files time and Type

Directory SD card . The storage path of record files

Time All records 💌: Here supports three types: current day, current month and All records. Another

way, select the time on the time&date manually.



Type All records S: The type of records files, Here supports two typs: Normal record, Alarm record and All records.

Click this button to search all record files satisfy the conditions you selected. Continuous Play: Select the checkbox to play continuously all the record files.

Section 2 Search record files

On this panel you can see all record files satisfy the conditions you set.

Section 3 Play/Stop/Audio/Full screen buttons

Please select one record file before use these buttons.



Click this button to play the record files



Click this button to stop the record files



Open or stop audio

Click this button to make full screen, and double click left mouse to exit full screen.

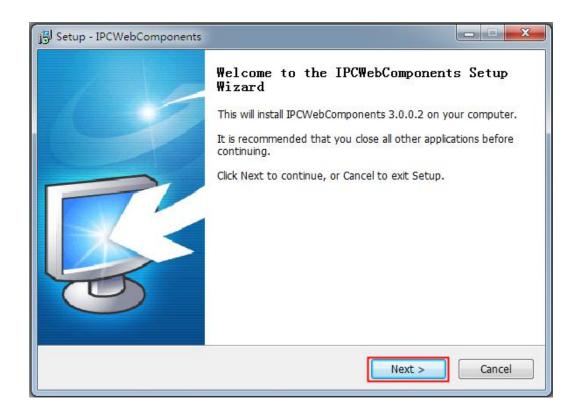
6 Appendix

6.1 Frequently Asked Questions

6.1.1 Install the add-on of Firefox browser, Google Chrome and IE

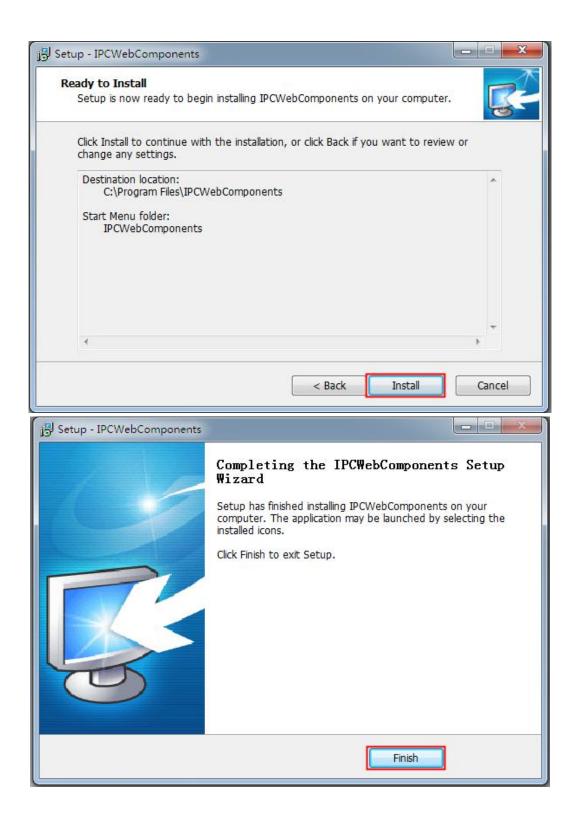
Chrome.

	- Windows Internet Explorer				€ - 4 ₂
File Edit \	View Favorites Tools Help	•			
🔶 Favorites	🖉 IPCam Client				
		Intern	t Explorer - Security Warning	×	
		Do	you want to install this software?		
			Name: IPCWebComponents.exe Publisher: ShenZhen Foscam Inte		
		*	More options	Install Don't Install	
			While files from the Internet can be use	eful, this file type can potentially harm om publishers you trust. <u>What's the risk?</u>	
			your computer. Only install software m	om publishers you u ust. <u>What's the risk?</u>	

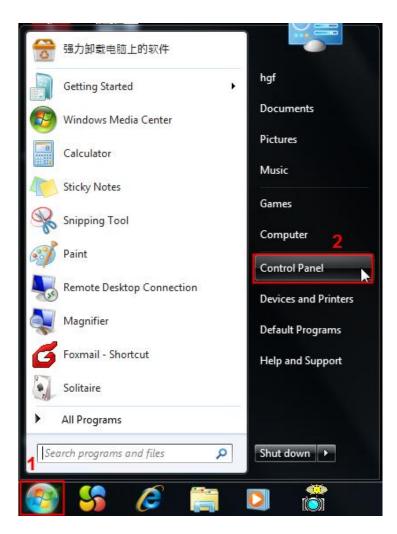


15 Setup - IPCWebComponents	X
Select Destination Location Where should IPCWebComponents be installed?	R
Setup will install IPCWebComponents into the following folder. To continue, click Next. If you would like to select a different folder, clic	k Browse.
C:\Program Files\IPCWebComponents	Browse
At least 3.7 MB of free disk space is required.	
< Back Next >	Cancel

Setup - IPCWebComponents	
Select Start Menu Folder	
Where should Setup place the program's shortcuts?	9
Setup will create the program's shortcuts in the f	following Start Menu folder.
To continue, click Next. If you would like to select a differ	
IPCWebComponents	Browse
	Biowsen.
< Back	Next > Cancel



6.1.2 Uninstall the add-on of Firefox browser, Google Chrome and IE Chrome.





😋 🌍 🖻 🔂 🕨 Control Panel	Programs Programs and Features	✓ 49 Search	Programs and Feat	tures
Control Panel Home View installed updates Turn Windows features on or off	Uninstall or change a program To uninstall a program, select it from the list ar Organize Uninstall	nd then click Uninstall, Change, or Repa	ir.	i - 0
	Name	Publisher	Installed On	
	→ 360安全卫士	360安全中心	5/21/2014	191 MB
	Adobe Reader XI - Chinese Simplified	Adobe Systems Incorporated	5/21/2014	155 MB
	IPCWebComponents 3.0.0.2		6/10/2014	3.67 MB
	Tencent RTX Client Uninstall	encent	5/21/2014	

6.1.3 I have forgotten the administrator password

To reset the administrator username and password, press and hold down the RESET BUTTON for 5 seconds. Upon releasing the reset button, wait for 20 seconds, the camera will reboot and the username and password will return to the factory default administrator username and password. Please power on the camera before reset

Default administrator username: admin Default administrator password: No password

6.1.4 Camera can not record

When you use Windows7 or Vista, you may be not able to do manually record or change the record path because of the security settings of computer.

There are two ways to resolve this problem:

Please add the camera as a trusted site to resolve this issue. The steps are :

IE browser→Tool→Internet Properties→Security→Trusted sites→Sites→Add

Open IE browser, then right click, select "Run as administrator"

6.1.5 Subnet doesn't match

Check whether your ipcamera in the same subnet of your computer. The step is **Control Panel** \rightarrow **Network Connections** \rightarrow **Dbclick Local Area Connections** \rightarrow Choose **General** \rightarrow **Properties**.Check subnet mask, IP address and gateways. When you set IP address please make sure they are in the same subnet. Otherwise you can't access camera.

6.1.6 No Pictures Problems

The video streaming is transmitted by the ActiveX controller. If ActiveX controller isn't installed correctly you will see no video image. You can resolve this problem by this way:

Download ActiveX controller and set the safety property of IE in the PC when you view it first time: IE browser \rightarrow Tool \rightarrow Internet Proper \rightarrow Security \rightarrow Custom Level \rightarrow ActiveX control and Plug-ins. Three options of front should be set to be "Enable", The ActiveX programs read by the computer will be stored. As follows:

Enable: Download unsigned ActiveX controls Enable: Initialize and script ActiveX controls not marked as safe Enable: Run ActiveX controls and plug-ins

S & A	Security Settings - Internet Zone (
Internet Local intranet Trusted sites Rest Internet Internet This zone is for Internet websites, except those listed in trusted and restricted zones. Security level for this zone: Allowed levels for this zone: Medium-high Appropriate for most websites Prompts before downloading potentia contant Unsigned ActiveX controls will not be	Oisable Enable Download signed ActiveX controls (not secure) Disable Enable (not secure) Prompt (recommended) Download unsigned ActiveX controls (not secure) Disable (recommended) Enable (not secure) Prompt Initialae and script ActiveX controls not marked as safe for s Disable (recommended) Enable (not secure) Prompt Initialae (not secure) Prompt
Custom level Reset all zones	Run ActiveX controls and plug-ins Advandance surround Advandance

If you allow the ActiveX running, but still could not see living video. Please change another port number to try. Don't use port 88.

	Port	
		Save Refresh
HTTP Port	88	
HTTPS Port	443	
ONVIF Port	888	
RTSP port	554	

NOTE: Make sure that your firewall or anti-virus software does not block the camera or ActiveX. If you could not see video, please shut down firewall or anti-virus software to try again.

6.1.7 Can't access IP camera in internet

There are some reasons:

1、ActiveX controller is not installed correctly

2. The port which camera used is blocked by Firewall or Anti-virus software. Please change another port number and try again.

3、Port forwarding is not successful

Check these settings and make sure they are correct.

6.1.8 UPnP always failed

UPnP only contains port forwarding in our recent software. Sometimes, it may be failed to do port forwarding automatically because of firewall or anti-virus software. It also has much relation with router's security settings. So we recommend you do port forwarding manually. You can view your camera in internet successfully after you do port forwarding manually in your router.

6.1.9 Camera can not connect wireless

If your camera could not connect wireless after you set wireless settings and plug out the cable. Please check whether your settings are correct or not.

Normally, camera can't connect wireless mainly because of wrong settings.

Make sure broadcast your SSID; use the same encryption for router and camera.

6.1.10 Can't see other cameras listed in multi-device when using remote

access

If you want to view all the cameras via the WAN, verify that each camera added in the multi-device settings can be accessed by using the DDNS name and port number. Use the DDNS domain name not the camera's LAN IP. (For more details see: How to add cameras in WAN)

6.2 Default Parameters

Default network Parameters

IP address: obtain dynamically Subnet mask: obtain dynamically Gateway: obtain dynamically DDNS: Embedded FOSCAM domain name **Username and password** Default admin username: admin with a blank password

6.3 Specifications

Export Models	FI9821P	FI9831P	FI9826P	FI9816P	FI9815P	FI9821EP
Image Sensor						
Sensor Type	1/4" CMOS	1/3" CMOS	1/3" CMOS	1/4" CMOS	1/4" CMOS	1/4" CMOS
Display Resolution	1.0 MegaPixels(1280*7 20)	1.3 MegaPixels(1280* 960)	1.3 MegaPixels(1280* 960)	1.0 MegaPixels(1280*72 0)	1.0 MegaPixels(1280* 720)	1.0 MegaPixels(1280*72 0)
Integrated ISP	V	\checkmark	V	V	\checkmark	\checkmark
SDRAM	128MByte	128MByte	128MByte	64MByte	64MByte	128MByte
Flash	16MByte	16MByte	16MByte	16MByte	16MByte	16MByte

Frame Rate	30fps	30fps	30fps	25fps (VGA) 23fps (720P)	25fps (VGA) 23fps (720P)	30fps
IR-CUT	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
	0 Lux (With IR Illuminator)	0 Lux (With IR Illuminator)	0 Lux (With IR Illuminator)	0 Lux (With IR Illuminator)	0 Lux (With IR Illuminator)	0 Lux (With IR Illuminator)
Lens						
Display Resolution	1.0M Pixels	2.0M Pixels	1.3M Pixels	2.0M Pixels	2.0M Pixels	1.0M Pixels
Lens Type	f:2.8mm, F:2.4	f:2.8mm, F:2.4	f: 3mm~10mm F:1.8	f:2.8mm, F:2.4	f:2.8mm, F:2.4	f:2.8mm, F:2.4
Angle of View	Horizontal:70° Diagonal :75°	Horizontal:80° Diagonal :95°	Horizontal:35°-100 ° Diagonal :45°-110°	Horizontal:70° Diagonal :75°	Horizontal:70° Diagonal :75°	Horizontal:70° Diagonal :75°
Pan and Tilt	H=300°, V=120°	H=300°, V=120°	H=300°, V=100°	H=300°, V=120°	H=300°, V=120°	H=300°, V=120°
IR Range	8m(26ft)	8m(26ft)	8m(26ft)	8m(26ft)	8m(26ft)	8m(26ft)
Connectivity						
Ethernet	\checkmark	\checkmark	λ	\checkmark		
WPS	V	\checkmark		\checkmark		N/A
Wireless	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	N/A
Wireless Security	WEP, WPA, WPA2	WEP, WPA, WPA2	WEP, WPA, WPA2	WEP, WPA, WPA2	WEP, WPA, WPA2	N/A
EZLink	\checkmark			\checkmark		N/A
P2P	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
External I/O	N/A	N/A	N/A	N/A		N/A
802.3af PoE	N/A	N/A	N/A	N/A	N/A	
RS-485 Interface	N/A	N/A	N/A	N/A	N/A	N/A
External Card Slot	mirco SD card	mirco SD card	mirco SD card	mirco SD card	mirco SD card	mirco SD card
Software Features						
Video Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264	H.264	H.264,MJPEG
Multi-Stream	Dual streams	Dual streams	Dual streams	Dual streams	Dual streams	Dual streams
Profile Level	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
Motion Detection	V	\checkmark	V	V	\checkmark	\checkmark
E-mail/FTP Alarm	V	1	V	V	\checkmark	\checkmark
Scheduled Recording	V	1	\checkmark	V	\checkmark	\checkmark
UPnP	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	V

Built-in DDNS Server	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
	IE8 and above	IE8 and above	IE8 and above	IE8and above	IE8 and above	IE8 and above
Browser	version ; Firefox;	version ; Firefox;	version ; Firefox;	version ; Firefox;	version ; Firefox;	version ; Firefox;
Supported	Chrome;Safari.	Chrome;Safari.	Chrome;Safari.	Chrome;Safari.	Chrome;Safari.	Chrome;Safari.
OS	Windows, MAC,	Windows, MAC,	Windows, MAC,	Windows, MAC,	Windows, MAC,	Windows, MAC,
Supported	Android, iOS	Android, iOS	Android, iOS	Android, iOS	Android, iOS	Android, iOS
Infrared	Automatic or	Automatic or	Automatic or	Automatic or manual	Automatic or	Automatic or manual
Mode	manual	manual	manual		manual	Automatic of manual
Day/Night	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Firowall	Supports IP	Supports IP	Supports IP	Supports IP Filtering	Supports IP	Supports IP Filtering
Firewall	Filtering	Filtering	Filtering		Filtering	Supports in Filtering
User	Three levels user	Three levels user	Three levels user	Three levels user	Three levels user	Three levels user
Accounts	role	role	role	role	role	role
Audio						
2-Way Audio	V	V	\checkmark	\checkmark		٨
Built-in	.1	.1	.1		.1	.1
Microphone		\checkmark	\checkmark	\checkmark	\checkmark	N
External						
Microphone	\checkmark	\checkmark	\checkmark	\checkmark	N/A	\checkmark
Input						
Built-in	-1	-1	- 1		- 1	-1
Speaker		\checkmark	\checkmark	\checkmark	\checkmark	N
External						
Speaker	\checkmark	\checkmark	\checkmark	\checkmark	N/A	\checkmark
Output						
Physical and						
Environment						
al						
Waterproof	N/A	N/A	N/A	N/A	N/A	N/A
Dimensions	117x114x129mm	117x114x129mm	116x103x122mm	110x103x127mm	110x103x127mm	117x114x129mm
(LxWxH)	(4.6x4.5x5.1in)	(4.6x4.5x5.1in)	(4.6x4.1x4.8in)	(4.3x4.1x5.0in)	(4.3x4.1x5.0in)	(4.6x4.5x5.1in)
Net Weight	348g(0.8lb)	350g(0.8lb)	380g(0.8lb)	310g(0.7lb)	300g(0.7lb)	310g(0.7lb)
Power	5V/2A	5V/2A	5V/2A	5V/2A	5V/2A	5V/2A
Adapter						
Power	<8.2W	<6.9W	<9W	<7.5W	<5W	<7.5W
Consumption			-		-	-
Operating	-10°C ~ 50°	-10°C ~ 50°	-10°C ~ 50°	-10°C ~ 50°	-10°C ~ 50°	-10°C ~ 50°
Temperature	(14°F ~ 122°F)	(14°F ~ 122°F)	(14°F ~ 122°F)	(14°F ~ 122°F)	(14°F ~ 122°F)	(14°F ~ 122°F)
Operating	20% ~ 85%	20% ~ 85%	20% ~ 85%	20% ~ 85%	20% ~ 85%	20% ~ 85%
Humidity	non-condensing	non-condensing	non-condensing	non-condensing	non-condensing	non-condensing

Storage	-20°C ~ 60°	-20°C ~ 60°	-20°C ~ 60°	—20°C ~ 60°	—20°C ~ 60°	—20°C ~ 60°
Temperature	(-4°F ~ 140°F)	(-4°F ~ 140°F)	(-4°F ~ 140°F)	(-4°F ~ 140°F)	(-4°F ~ 140°F)	(-4°F ~ 140°F)
Storage	0% ~ 90%	0% ~ 90%	0% ~ 90%	0% ~ 90%	0% ~ 90%	0% ~ 90%
Humidity	non-condensing	non-condensing	non-condensing	non-condensing	non-condensing	non-condensing
Reset	Reset button is available	Reset button is available	Reset button is available	Reset button is available	Reset button is available	Reset button is available
Certification	IC、CCPSA、CSA、 CE, FCC, RoHS	IC、CCPSA、CSA、 CE, FCC, RoHS	IC、CCPSA、CSA、 CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS

Attention: Power adapter should be used between 0° -40°C, and 5%-90% relative humidity.

6.4 CE & FCC

Electromagnetic Compatibility (EMC) FCC Statement



This device compiles with FCC Rules Part 15. Operation is subject to the following two conditions.

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the installation manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is like to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

FCC Caution

Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE Mark Warning

CE

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

6.5 Warranty

FOSCAM values your business and always attempts to provide you the very best of service.

No limited hardware warranty is provided by FOSCAM unless your FOSCAM product ("product") was purchased from an authorized distributor or authorized reseller. Distributors may sell products to resellers who then sell products to end users. No warranty service is provided unless the product is returned to an authorized return center in the region where the product was first shipped by FOSCAM or to the point-of-purchase, which may have regional specific warranty implications.

If you purchase your FOSCAM product from online store, please contact the point-of-purchase and ask for return/replacement/repair service.

Limited Hardware Warranty

• FOSCAM products are warranted to be free from manufacturing defects in materials and workmanship starting from the shipping date of FOSCAM.

This limited hardware warranty does not cover:

- Software, including the software added to the products through our factory-integration system, software that included in the CD,etc.
- Usage that is not in accordance with product instructions.
- Failure to follow the product instructions.
- Normal wear and tear.

Return Procedures

- Please read FOSCAM warranty policy & policy of your reseller first before sending items back to point-of-purchase.
- Customer must first contact point-of-purchase to obtain a Return Merchandise Authorization (RMA) number before returning the product. If the product you received is suspected to be defective and the product warranty has not expired, The RMA number will allow your reseller to track your return much easier and help them expedite processing your request.
- After receiving your RMA case number, pack the item(s) very well with the original box and all the original accessories included such as power adapters, brackets, cables, manuals, and driver CD disks.
- Write your RMA number and the return reason (the problem of the product) on the warranty card along with the complete package to send them back.

Replacement Services

- If customers ask for replacement service, please contact point-of-purchase and follow their policy.
- Our technicians will inspect all items returned for replacement requests. If the retuned product is found in working order, we will return the same item received. However customers shall be responsible for all shipping & handling charges incurred for getting the units back to customers.

- If returned products are found defective, we will replace the product and assume the shipping cost for sending back the replacement unit to customers.
- If for any reason, we are unable to provide a replacement of the original returned item(s). You will have a choice for a "Substitute" item at the same equal value.
- We do not provide exchange and replacement due to normal hardware upgrade according the market after 14 days after the product is delivered.
- Our technicians will test the product before send out the replacement, any other demand for more than two times replacement for the same product during replacement limit will be rejected.
- Replaced products are warranted from the balance of the former warranty period.

Warranty Forfeiture

- Warranty is void if purchase from unauthorized distributor or reseller.
- Warranty is void if trade-mark, serial tags, product stickers have been removed, altered or tampered with.
- Warranty is void for mishandling, improper use, or defacing the product.
- Warranty is void for physical damage, altered, either internally or externally, improper or inadequate packaging when returned for RMA purposes.
- Warranty is void if damage has resulted from accident, dismantle, abuse, or service or modification by someone other than the appointed vendor, souse, fission or the spare part has been over the period of warranty.
- Warranty is void if product is damaged due to improper working environment or operation. (For example, improper temperature, humidity, unusual physical or electrical stress or interference, failure or fluctuation of electrical power, static electricity, using wrong power adapter, etc.)
- Warranty is void if damaged by the use of parts not manufactured or sold by FOSCAM.
- Damage caused by improper installation of third-party products.
- Warranty is void if damaged for irresistible cause, such as earthquake, fire, lightning, flood, etc.
- Product beyond limited warranty.

Shipping Fee

- If products are defective or damaged under normal use or operation in the replacement limit, distributors or resellers are responsible for the shipping cost the product back to customers, customers should assume the shipping cost send the product to the point-of-purchase.
- During replacement limit, if customers ask for replacement due to the product does not fit for customer's personal expectation, customers should responsible for both shipping fee.
- Customers shall be responsible for both shipping fee if their product beyond the replacement limit but still in warranty limit.

Repair Service Out Of Warranty

- FOSCAM provide extra repair service for product that out of warranty, it is chargeable. The total fee contains device cost and service fee. Device cost (including accessories) is the standard uniform price provide by FOSCAM.
- Different region may have different service fee, please contact the point-of-purchase to confirm that before you ask for this service.
- Our technicians will quote the total price after detect the product, If customers refused to repair after

the quotation, customers need pay for the test fee, \$3.5/hour. If agree with the quotation, test will be free.

 Repaired product out of warranty will obtains 3-month warranty from the date of the product back to customers.

Limitation of Liability

- FOSCAM is not responsible for other extra warranty or commitment promised by resellers, if your reseller promised some extra commitment or warranty; please ask for written documents to protect your rights and interests.
- FOSCAM does not offer refunds under any circumstances. Please contact the point-of-purchase and follow their refund/return policy.
- FOSCAM shall not be liable under any circumstances for any consequential, incidental, special or exemplary damages arising out of or in any connection with this agreement or the products, including but not limited to lost profits, or any claim based on indemnity or contribution, or the failure of any limited or exclusive remedy to achieve its essential purpose or otherwise. Purchaser's exclusive remedy, as against FOSCAM, shall be the repair or replacement of defective parts. If FOSCAM lists a product on its website specification in error or that is no longer available for any reason, FOSCAM reserves the right to explain it without incurring any liability.

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6.6 Statement

You are advised to be cautious in daily life, keep personal account information carefully, do not share personal account easily. Change passwords of your account and equipment periodically, and upgrade equipment firmware to strengthen security consciousness.

Our company makes no warranty, implied or otherwise, that this product is suitable for any particular purpose or use. You need to abide by the relevant laws and regulations of the use restrictions when using Foscam cameras. Our company takes no responsibility of illegal activities by using our products.

Our company takes no responsibility of the loss by force majeure, such as failure or faults of telecom system or the Internet network, computer viruses, malicious attacks of hackers, information damage or loss, and faults of computer system.

Foscam company does not need to take any responsibility of the special, incidental or corresponding loss by the products of our company or any software provide by our company, including but not limited to operating loss, profit or purpose. The company only takes the responsibility applicable to national and local legal requirements.

Our company takes no responsibility of the loss caused by the following at ant time:

1) loss of purchases;

2) loss of intangible property damage, such as data, programs;

3) loss of compensation claimed by third-party customers.

Delete images, format the memory card or other data storage devices does not completely remove the original image data. You can restore deleted files from discarded the storage device by commercial software, but which will potentially lead to personal image data used maliciously by others. The privacy of the data security belongs to user responsibility, the company takes no responsibility.

Parts mentioned in this statement should not be understood by the configuration description of the product purchased by the customer, the product configuration must accord to the specific models purchased by the customer.

Without the prior written permission of Foscam company, all the contents of relevant operating instructions manual affiliated to the product must not be reproduced, transmitted, transcribed or stored in a retrieval system, or translated into other languages.

Our company will reserve the right to improve and modify the product and corresponding manuals. The company reserves the right of final interpretation on our products.

7 Obtaining Technical Support

While we hope your experience with the IPCAM network camera is enjoyable and easy to use, you may experience some issues or have questions that this User's Guide has not answered. If you have problem with FOSCAM IP camera, please first contact FOSCAM reseller for solving the problems. If our reseller cannot provide service, please contact our service department: <u>support@foscam.com</u>



CE Certificate Website: http://www.foscam.com/company/ce-certificate.html