

# User Manual

## Wireless HD Baby Monitor



FosBaby



FosBaby P1

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## **Security Warning**

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. 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

HD Wireless Baby Monitor is an integrated wireless camera with a color CMOS sensor enabling viewing 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 from anywhere on your local network or over the Internet.

It supports 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 side of the camera to connect it on smart phone, or input the UID on CMS software to realize remote access.

The camera supports H.264 video compression technology, dramatically reducing file size and saving network bandwidth.

The camera is based on the TCP/IP standard. There is a WEB server inside which could support Internet Explorer Therefore the management and maintenance of your device is simplified by using the network to access the website of your camera.

This model is specially designed for your baby. It is applicable to the baby's room. Besides, Foscam provides a mobile phone App for real-time monitoring, enabling you to see your baby anytime and anywhere. 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
- 1 Megapixel HD video
- Pan 320 degree, tilt 100 degree (only FosBaby P1)
- 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
- IR Range (FosBaby Range: 5m(16ft); FosBaby P1Range: 8m(26ft))
- Support image snapshot
- Support dual-stream
- Support IR-Cut auto switch
- Support two-way audio

- Multi-level users management with password protection
- Providing free Android and iPhone APP for viewing live video Providing free Central Management Software to manage and monitor multiple cameras
- Support record schedule
- Support Playing Lullabies
- Motion, sound, temperature and humidity Detection via FTP and Email
- Support Cloud Service, Remote access your Baby Monitor without port forwarding
- Support EZlink, Link to WiFi network easily
- Supports voice prompt

## 1.2 Read Before Use

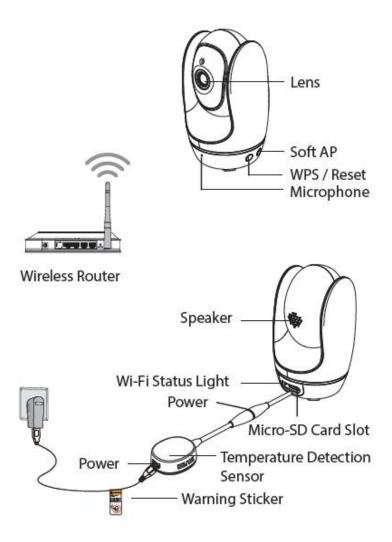
Please first verify that all contents received are complete according to the Package Contents listed below. Before the camera is installed, please carefully read and follow the instructions in the Quick Installation Guide to avoid damage due to faulty assembly and installation. This also ensures the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

## **1.3 Package Contents**

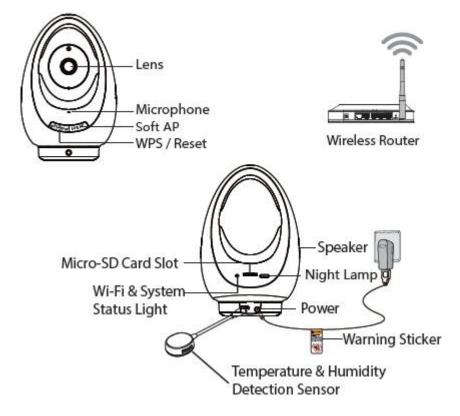
• Camera × 1	Mounting Bracket×1
Temperature Detection Sensor × 1	• Watch strap × 1
Power Adapter × 1	• Power Line × 1
Remote Control (for P1) × 1	Quick Installation Guide × 1
Warning Sticker × 1	Warranty Card × 1

## **1.4 Physical Description**

FosBaby







The Information of Wi-Fi Status Light ( <b>Blue</b> ):				
Wi-Fi Status Light	Description			
Off	No Wi-Fi connection			
Flashing every 0.1 seconds	Soft AP takes effect			
Flashing every 0.2 seconds	EZLink takes effect (default)			
Flashing every 0.4 seconds	WPS is connecting			
Slow Flash once per second	Wi-Fi connected			

The Information of System Status Light (Yellow):				
System Status Light	Description			
off	Power outages			
Constant	Power ups			

#### **Remote Control of FosBaby P1**



#### Note:

If you used snapshot by the remote control, the default storage path of snapshot files are FTP server and SD card.

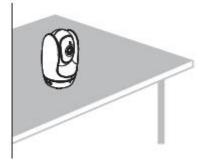
## 1.5 Micro-SD Card

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.

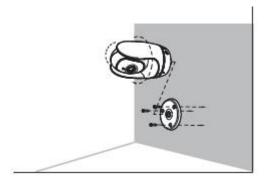
Go to the **Settings→Device Status→Device Status** page, you can see the SD card status.

## **1.6 Hardware Installation**

• Place the Fosbaby directly on a desk (no mounting bracket required)

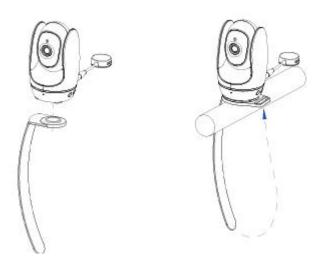


• Install your Fosbaby on the wall (with the supplied mounting bracket)



Take advantage of our provided watch strap for easy fastening!
 The strap will allow you to fasten your Fosbaby in an otherwise challenging location (i.e. Crib, Wall bracket, etc.).

Please note: The Fosbaby camera should always be fastened out of your child's reach.



## 2 Access the Camera

## 2.1 Access the Camera in LAN

There are some ways of wireless connection: EZLink connection, soft AP connection and WPS connection.

- **EZLink connection:** Use the mobile phones or other mobile devices to download APP, then connect the camera and the wireless router via the APP. The procedure of the EZLink connection, please refer to the Quick Installation Guide.
- **Soft AP connection:** Use the mobile device which can search for the wireless network, Then use the web browser to visit http://192.168.1.1:88 by the mobile device. Follow the Setup Wizard to finish the settings.
- **WPS connection:** WI-FI Protected Set-up, Press and hold the WPS button on your wireless router and your camera within 60 seconds. So that your camera and wireless router connect successfully.

## 2.1.1 Soft AP Connection

1. Start camera: power on, the indicator light of camera will light on, and a short musical tone indicates that the startup is completed.

2. Press the Soft AP button for 3-5 seconds. The indicator begins to twinkle at very high frequency.

3. Use a terminal which could search the WLAN (desktop, laptop, This part takes laptop as an example.) to search for the AP named "FosBaby\_\*\*\*\*\*\*" or "FosBaby P1\_\*\*\*\*\*" for connection.



4. After finishing Soft AP connection, use the web browser of the terminal to visit <u>http://192.168.1.1:88.</u>

← → <a></a> <	P-→	🧉 New Tab

5. Log in the camera ( Default username is admin with no password ). When log in for the first time, you need

to change the username and password.

← 10 2 tmp://192.168.1.188/ P - 20 2 IPC	am Clent X			*
FOSCAM				
		_		
	Usemame	admin		
	New username			
Input the New username, New password and	New password			
Confirm the password	Security Level	-		
	Confirm the password			
			Modify	
_				

6. After logging in for the first time, it will go to "Setup Wizard" automatically. Please set the basic parameters of the camera, such as camera name, camera time, wireless settings (The camera connect to your wireless router: Wireless Network List - enter the password of your wireless router ), IP configuration.

SSID	FosBaby_0FD787	
Encryption	WPA/WPA2	
Password		
Security Level		
Confirm the password		

	Setup Wizard
Step 2 of 5 - Cam	era Name
Camera Name	FosBaby Device Name The maximum length is 20, support Simplified Chinese, English, numbers, letters and symbols
	letters and symbols

ne Zone	(GMT +08:00) Beijing, Singapore, Taipei 🔹
with NTP server	
P Server	time.nist.gov 🔻
	2014-5-15 03 • : 09 • : 29 • AM •
vice Time	
	Sync with PC/Terminal
te Format	YYYY-MM-DD
ne Format	12-hour

	5	Setup Wiza	ard		
Step 4 of 5 - Wireles	s Settings				
Wireless Network	List	Scan	]1	SSID	FOSCAM-docdev
SSID(Network Name)	Encryption	Quality		Encryption	WPA/WPA2 V
TP-LINK_21	WPA/WPA2	.ell.		Password	
TP-LINK_NVR	WPA2	all		The maximum pa	assword length is 63, including
TP-LINK_C272	Unencrypt	al		number	s, letters and symbols
FOSCAM-docdev	WPA/WPA2	ail	2		

tain IP From DI	HCP 🔽		
		d to select Form DHCP".	
Galeway		192.168.1.1	

#### Notes:

- We recommend you to choose to manually set the IP when you know some knowledge of the network.
- It needs about 1 minute to connect the camera to your router.

7. After completing the setup wizard, you should press the Soft AP button for 3-5 seconds to cancel the Soft AP connection mode, this is located on the back of your camera. The Network light begins to slowly flash(once per second), it indicates that the wireless connection is successful. (Only Fosbaby P1)

8. Please connect your PC to the router which your camera has connected to.

1	Networks		
	Wi-Fi		
	FOSCAM-docdev	Connected	,all
	Cisco267213		il
	TP-LINK_NVR		.al

9. Download the "Equipment Search Tool" from office website <u>http://www.foscam.com</u>. Please access the website, select "Support > Download Center > Software Tools", then you can find the "Equipment Search Tool", the icon shows as below:



Download the "Equipment Search Tool" to your computer, double click the icon to run, and it should find the camera's IP address automatically.

Camera Name	IP Address	Device ID	Туре
Inonymous	Http://192.168.1.105:88	00626E55AB1E	IPC

#### Notes:

If you have multiple cameras and you cannot determine which camera you are going to log in. Please match the "Device MAC address" on the search tool with the MAC address on the label pasted of each camera.

10. Double-click the camera list here, and your default browser will open up to the login page. Input the username and password you has changed. Then, you will see the live video of your baby on the interface.

Username	admin	
Password		
Stream	Main stream	Main stream offers the highest quality video whil
Language	English	<ul> <li>Sub stream offers less</li> <li>quality, but also less dela</li> <li>when viewing.</li> </ul>



Now, you could use your camera in LAN.

#### Note:

64-bit browser is not supported.

### 2.1.2 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).



- (1) Press and hold the WPS button of the camera for three seconds. The Wi-Fi Status Light of the camera begins to twinkle at high frequency. (If you can press and hold this button for more than 10s, the camera will reset. After the reset, the settings of the camera are restored to factory defaults.)
- (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.

## 2.2 Access the FosBaby in WLAN

#### First of all, you need to connect the camera to your wireless router.

#### 2.2.1 Static IP Addresses

Users who have static IP addresses do not need to set DDNS service settings for remote access. When you have finished connecting the camera using the IP address and port forwarding, you can access the camera directly from the 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>. The web page at this address will show you the current WAN IP.



## Access your Camera from the Internet

You can access the Camera from the Internet (remote access). Enter the WAN IP address and port number in your standard browser. For example, you would enter http:// 183.37.28.254:85

#### NOTE :

Make sure port forwarding is successful. You can do port forwarding two ways.

Login to your router to enable the "UPNP" function. You can then login to the camera as administrator, choose Network, and then choose UPnP to enable UPnP. Make sure that the status of UPnP reads "UPnP Successful" on the Status page.

Do port (HTTP port and Media port) forwarding manually.

If your router has a Virtual Server, it can do port forwarding. Add the camera's IP and port which you had set earlier to your router's port forwarding settings.

Note: If you plug the camera into a router, it will have a dynamic IP address and you need to set DDNS service settings to view it remotely.

#### 2.2.2 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		IP C	Configuration
Status 👘		11/10	
Basic Settings			Save Refresh
Network	Obtain IP From DHCP		IP Address: Set this in the same subne
IP Configuration	IP Address	192.168.1.100	as your computer, or keep it as default.
Wireless Settings	Subnet Mask	255 255 255 0	
Soft AP Password Settings DDNS	Gateway	192.168.1.1	Subnet Mask: Keep it as default. Gateway and DNS Server: Set it to the
UPnP	Primary DNS Server	211.162.78.1	IP address of your router.
Port	Secondary DNS Server	211.162.78.2	
Mail Settings	1		

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

Status		UPnP	
Basic Settings			Save Save
Network	Enable UPnP	No	•
IP Configuration			
Wireless Settings			
Soft AP Password Settings			
DDNS			
UPnP )	/		
Cobus Missord		L	
Setup Wizard		DDNS	
Status			Save Refrest
Basic Settings	Enable DDNS		
	Chable Don'to [V]		
	Manufactured's DDNR		
IP Configuration	Manufacturer's DDNS		
IP Configuration Wireless Settings	Manufacturer's DDNS Manufacturer's DDNS	test09.myfoscam.org	Restore DDNS to factory
IP Configuration Wireless Settings Soft AP Password Settings		test09.myfoscam.org	Restore DDNS to factory
IP Configuration Wireless Settings Soft AP Password Settings DDNS		test09.myfoscam.org	
IP Configuration Wireless Settings Soft AP Password Settings DDNS UPnP	Manufacturer's DDNS		nd click Save.
Network IP Configuration Wireless Settings Soft AP Password Settings DDNS UPnP Port Mail Settings	Manufacturer's DDNS Third Party DDNS	Click Enable DDNS and The content in the Ma	nd click Save.

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.

Status		Poi	
Basic Settings			Save Refrest
Network	HTTP Port	88	
IP Configuration	HTTPS Port	443	
Wireless Settings Soft AP Password Settings	ONVIF Port	888	
DDNS			
UPnP			

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	Current UDpD Statuo: Exciting
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	Virtual Servers
WPS	
Network	ID General Dark ID Million Deviced States Marth
Wireless	ID Service Port Internal Port IP Address Protocol Status Modify
DHCP	
Forwarding	
- Virtual Servers	Add New Enable All Disable All Delete All
- Port Triggering	
- DMZ	Click Add New. Previous Next
- UPnP	TOTOS HEAL

Network		[	
Vireless	Service Port:	443	(XX-XX or XX)
нср	Internal Port:	443 OOX	Only valid for single Service Port or leave it blank
orwarding	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 camera and click Save.
UPnP	Common Service Port:	Select One	
ecurity			
arental Control	3 <del></del>	Save	Back
ccess Control		Jave	Dack

QSS							
Network	ID	Service Port	Internal Port	IP Address	Protocol	Status	Modify
Wireless	1	443	443				and the second
DHCP	· ·	443	445	192.168.1.100	ALL	Enabled	Modify Delete
Forwarding						10000005340	
- Virtual Servers					H	ere you ha	ive finished the
- Port Triggering	A	dd New	Enable All	Disable All Delet	e All Po	ort Forward	ding setup.
- DMZ							
- UPnP							

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

## 2.3 Using the VLC player

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

RTSP URL <a href="http://lisername][:password]@IP:HTTP">http://lisername][:password]@IP:HTTP</a> port number/videostream

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.

**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 HTTP Port number: 88 User name: admin Password: 123

Enter either one of the following four URLs in the VLC

- rtsp://admin:123@192.168.1.11:88/videoMain
- rtsp:// @192.168.1.11:88/videoMain

- rtsp://:123@192.168.1.11:88/videoMain
- rtsp://admin@192.168.1.11:88/videoMain

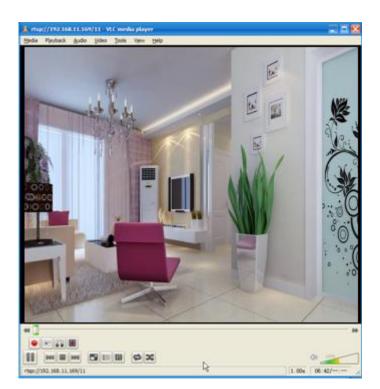
Open the VLC, and go to "Media"--"Open Network Stream" option, then enter the URL in VLC.

Med	dia Playback <u>A</u> udio <u>V</u> ide	o Tools V	/jew <u>H</u> elp	
			iew Teb	
	Open File	Ctrl+O		
	Advanced Open File	Ctrl+Shift	+0	
	Open <u>Folder</u>	Ctrl+F		
$\odot$	Open <u>D</u> isc	Ctrl+D		
	Open <u>N</u> etwork Stream	Ctrl+N		
	Open Captal Device	Ctrl+C		
	Open Location from clipboard Recent Media	Ctrl+V	3 <b>9</b> -1	
	Save Playlist to <u>File</u>	Ctrl+Y		
	Conve <u>r</u> t / Save	Ctrl+R		
((•))	Streaming	Ctrl+S		
×	Quit	Ctrl+Q		
44	1			
		i= 111 q	3 X	(Ja) 1005

<u> </u>	Thetwork Tapture Device	
Network Protocol		
Please enter a net rtsp://admin:1230	work URL: 192.168.1.11:88/videoMain	~
rtp://0:1234	ple.com/stream.avi	
rtsp://server.e	les.com/stream.asx xample.org:8080/test.sdp tube.com/watch?v=gg64x	
	LUCE, COMPRACULT, TESSOTA	
Show more options		

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.

## 2.4 Camera Connection to the Server

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

## 2.5 CMS Client Monitor

FOSCAM offers the most comprehensive central management software IP Camera Client, designed for managing all FOSCAM IP surveillance cameras with numerous features.

It supports management or monitoring multiple cameras for monitoring, recording, playback, and alarm management with efficient control.

## 3 Surveillance Software GUI

Please refer to the Quick Installation Guide if you install the camera at first time. After finishing quick installation, you can take time to learn the operation of the software.

## 3.1 Login Window

Username	admin	1
Password		
Stream	Main stream	2
Language	English	<b>⊻</b> 3

#### Section1 Enter the Username and password

The default administrator username is admin with no password, please reset the password at first using and prevent unauthorized users login the camera.

#### Section2 Stream

The camera supports two stream modes: Main stream and sub stream. If you want to access the camera form WLAN, here you can select Main stream. If you want to access the camera from Internet, here we recommend sub stream.

Note: When the network bandwidth is badly you'd better select Sub Stream and the video will be more fluency.

#### **Section3** Select the language

You can select the language you need via click on the language drop down list to switch.

#### Section4 Login the camera

Click Login button and you will see the Surveillance video.

#### 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 log in to the camera in the future.

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

## 3.2 Surveillance Window



## Section 1 Live Video/ Settings/ Playback buttons



Real-time temperature and humidity display.

O LiveVideo

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



Path to Administrator Control Panel, Click it, and it will lead to Administrator Control Panel and

do advanced settings.

Playback

E Click this button and 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 maximum of 9 cameras being monitoring at the same time. You can add other cameras in multi-device setting.

### Section 3 Mode/ Stream / 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/23fps/2M meanings: Stream type / Resolution / Maximum frame rate/ Bit rate.

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

#### 2) 720P/ VGA

There are three resolutions, the bigger one is 1280\*720P, and the smaller one is VGA (640\*480) pixels. The bigger the resolution is , 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

You should lower frame rate when the bandwidth is limited. Normally, when the frame rate above 15, you can achieve fluently video.

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

## Section 4 Pan/Tilt Control(Only P1)



- 1----- Up control button
- 3----- Left control button5----- Up-Left control button
- 7----- Down-Left control button

2----- Down control button,4----- Right control button,

- 6----- Up-Right control button
- 8----- Down-Right control button



Click this button and go to center

## Section 5 Cruise / Preset settings(Only P1)

#### **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.

: Start cruise. 🛛 💶: Stop cruise.

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

#### How to do cruise?

Firstly: Select one track in the track dropdown list.

_	Cruise	
Track	Vertical	~
	Vertical Horizontal	Select one of these.

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

### **Preset settings**

_	Preset	
Preset	TopMost	*
-	(11)	

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 6 IR LED Lights



Click Infra led and there are three modes to adjust the infrared led: Auto, Manual and Schedule.

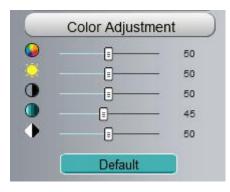
Auto: Select it and the camera will adjust the infra led (on or off) automatically.

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

**Schedule:** Scheduled control. When it is selected, the function of switching on/off the infrared lamp as scheduled is enabled (Settings> Video > IR LED Schedule ).

### Section 7 Image quality settings

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



### Section 8 Lullabies

	Lullabies			
		<b>e</b>		
Playlist	default	•		

E You can click this button to adjust the playing mode of songs. Three playing modes are available
for selection: Circular playing of all songs, 📧 In-order playing, and 🔯 Circular playing of a
single song.
. You can click this button to set the duration before the camera enters the standby state. Four
options are available for selection: 10 Enter the standby state 10 min later, 20 Enter the standby
state 20 min later, III Enter the standby state 30 min later, and III Not enter the standby state.

#### Section 9 OSD

2014-11-06	03:04:50	PM	28°C	48%	
FosBabyP1		e	1	100	Temperature & Humidity Detection

Go to **Detector--Temperature Detection & Humidity Detection** to set Temperature & Humidity Detection

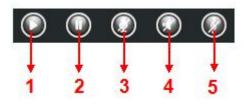
If you have added time and camera name in the video, you can see it in the live window.

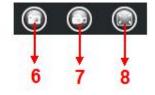
Go to **Settings --- Basic settings--- Camera name** panel, and you can change another device name. The default device name is anonymous.

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 10 Play/Stop/ Talk/Audio/ Snap/ Record/ Full screen button





.camera will

**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 **INST**, then talk to the microphone that connected with PC, people around the camera can hear your voice. Click the icon again and stop talking.

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

**5----- Play lullables** Click this icon, the icon will become to play nursery rhymes.

**6----- 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.

**7----- 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 of Windows OS and the default storage path is \IPCamRecord of Mac OS. You can change the storage path: Go to Settings->Record->Storage Location panel.

**8----- 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.



**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.

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

✓	Full Screen	
	Zoom up	
	Zoom down	

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

## 4 Advanced Settings

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

## 4.1 Setup Wizard

In the Setup Wizard page, you could complete the basic parameters, such as device name, system time, wireless networks, IP address, etc.follow the prompts.

## 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

Status   Device Information		
Device Status Session Status	Camera Model	FacBaby
	Camera Moder	FosBaby
Log	Camera Name	FosBaby
Basic Settings	Camera ID	008414812610
Network	)	
Video	Camera Time	2014/02/17 05:48:17
Alarm	System Firmware Version	1.5.1.10
Record	Application Firmware Version	2.22.1.6
Nursery Rhymes	Plug-In Version	2.0.2.11
Firewall	)	

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. For example Device ID is 000C5D000088, the same MAC ID sticker is found at the bottom of the 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.

Application 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
Record Status	Not Recording
SD Card Status	SD card
SD Card Free Space	1.4GB
SD Card Total Space	3.6GB
NTP Status	Disabled
DDNS Status	Susscess http://test09.myfoscam.org
UPnP Status	Susscess
WiFi Status	Connected to :foscam-wifi
IR LED Status	Off

## 4.2.3 Session Status

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

Status	Session State	us
Device Status		Ref
(Session Status	Username	IP Address
Log Basic Settings	admin	192.168.1.101

## 4.2.4 Log

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

	Pages:83			<1 2 3>> Go
NO.	Time	User	IP 🕴	Log
1	2012-09-18 02:11:45	to the c	he page number and orresponding page (	to <sup>31</sup> button and go to the
2	2012-09-18 01:48:56	see mot	te logs.	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.

Status		Camera Name		
Basic Settings	<	Save Save Refresh		
Camera Time		FosBaby		
User Accounts Multi-Camera	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 Refresh
Time Zone	(GMT) Greenwich mean time; London, Lisbon, ( 🗸
	Sync with NTP server ☑
NTP Server	Auto
	2016-4-26 08 15 53 53 53 53 53 53 53 53 53 53 53 53 53
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 drop-down list.

**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 drop-down 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 Camera Name	User Accounts					
Camera Time	NO.	Username	Privilege	Username		
Multi-Camera Network	1	admin0	Administrator	Privilege [	Visitor Change username	
Video Alarm	3				Change password	
Record Nursery Rhymes	5					
Firewall	6 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.

		Us	er Accounts	
				Refresh
NO.	Username	Privilege	Username	admin0
1	admin0	Administrator	Password	•••••
2			New password	•••••
3		8	Security Level	
4			Confirm the password	•••••
5			Privilege	Administrator
6		, , , , , , , , , , , , , , , , , , ,	E	Change username
7				Change password
8				Modify

#### 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.

		Us	er Accounts	
				Refresh
NO.	Username	Privilege	Username	test
1	admin0	Administrator	Password	•••••
2			Security Level	
3			Confirm the password	•••••
4			Privilege	Administrator
5			Г	Change username
6				Change password
7				Add
8				

		User	Accounts
NO.	Username admin0	Privilege Administrator	Username test Privilege Visitor
2	test	Visitor	Change username
3			Change password
4			Delete
5			
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.

		Use	r Accounts		-
		<u>.</u>			C Refresh
NO.	Username	Privilege	Username	test	
1	admin0	Administrator	New username	test01	
2	test	Visitor	Privilege	Visitor	Ŧ
3				Change username	
4		÷ · · ·	E	Change password	
5				Modify	
6				Modily	
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 WLAN

In Multi-Device Settings page, you can see all devices searched in WLAN. The 1st Device is the default one. You can add more cameras in the list in WLAN 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 WLAN, 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.

Cameras On LAN		FC2401P(172.16.0.195) F19821W(172.16.0.47) EH8155fjx(172.16.2.136) Foscam NVR(172.16.1.67 Foscam NVR(172.16.1.71 Foscam NVR(172.16.1.59 Refresh	) host and HTTP Port will be filled	
The 1st Camera		This Camera		
The 2nd Camera		None		
	Camera Model	H264	¥	
	Camera Name	FI9821W		
	Host	172.16.0.47		
	HTTP Port	88		
Media Port			2 Enter the User name and password of the 2nd camera.	
	Username			
	Password			
3.Click Add to	take effect.	Add Delete		

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

Cameras On LAN	anonymous(192.168.11.193) Fl9821W for ebuyer (192.168.11.241) anonymous(192.168.11.203) anonymous(192.168.11.243)	
The 1st Camera	This Camera	Refresh
The 2nd Camera	FI9821W(172.16.0.47)	
The 3rd Camera	FI9821W for ebuyer (192.168.11.241)	
The 4th Camera	anonymous(192.168.11.203)	
<u>The 5th Camera</u>	None	
<u>The 6th Camera</u>	None	
The 7th Camera	None	
<u>The 8th Camera</u>	None	
The 9th Camera	None	

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



Using the same method, you could to add other cameras continue. It can add up to 9 road equipment.



## 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. **(Read How to configure DDNS settings)** 

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

	domain port to login.			
rites 🖕 🖉 Suggested Sites 👻 🖉 Compan m Client			🔓 • 📾 · 🗆 👼 • 1	age + ∑afety + T <u>e</u> ols +
<b>OSCAM</b> T21°C	Live Video	s Playback	Indoor II	o Camera
Device Information Device Status Device Status Session Status	Alarm Status	Disabled	Refresh	
Log	Descent Otation	Not Recording		
Basic Settings	Record Status			
Network	SD Card Status SD Card Free Space	No SD card Ok		
	SD Card Status	No SD card		
Network Video Alarm Record	SD Card Status SD Card Free Space SD Card Total Space	No SD card Ok Ok	am org 83	
Network Video Alarm	SD Card Status SD Card Free Space SD Card Total Space NTP Status	No SD card Ok Ok Disable	am org 88 Make sure each camera you need add could login with DDNS name and port.	

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 FI9821W(172.16.0.47)		
The 2nd Camera			
Camera Model	H264	] 1	
Camera Name	FI9821W	2	
Host	172.16.0.47		
HTTP Port	88	3	
Media Port	88		
Username	admin		
Password		4	
5	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 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 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					
<u>The 2nd Camera</u>	FI9821W(172.16.0.47)					
The 3rd Camera	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					
The 8th Camera	None	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.



# 4.3.5 Status Light

You can enable or disable the status light.

Setup Wizard	2	Status L	.ight
Status Basic Settings	3		Save Refresh
Camera Name	Enable Status Light	Yes	•
Camera Time		9	
User Accounts			
Multi-Camera			
(Status Light )			

## 4.3.6 Night Light (FosBaby P1)

You can turn on / off the night light manually.

Setup Wizard	Night Light						
Status							
Basic Settings	3		Save Refresh				
Camera Name	Whether to enable Night Light	No					
Camera Time	-						
User Accounts							
Multi-Camera							
Status Light							
Night Light	<						

# 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

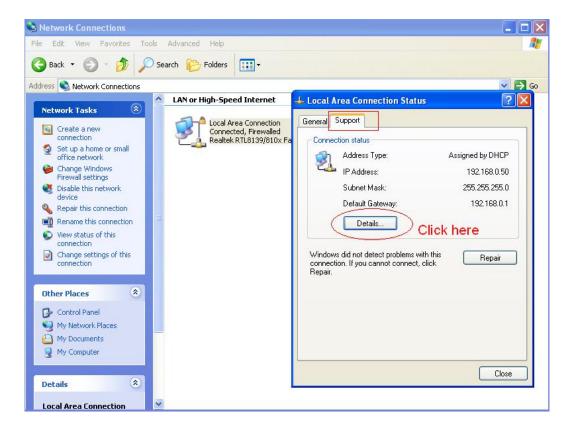
If you want to set a static IP for the camera, please go to **IP Configuration** page. Keep the camera in the same subnet of your router or computer.

	IP Configuration
	Save Save Refresh
Obtain IP From DHCP	
IP Address	192.168.1.102
Subnet Mask	255.255.255.0
Gateway	0.0.0.0
Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0

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:

 $\textbf{Control Panel} \rightarrow \textbf{Network Connections} \rightarrow \textbf{Local Area Connections} \rightarrow \textbf{Choose Support} \rightarrow \textbf{Details}$ 



15 Network	Connections	and the second second			
	-	LAN or High-Speed Internet	👍 Local Area Connect	ion Status	?
etwork Tasks		Local Area Connection	Network Connection D	etails	2 🔀
00			work Connection Detail	s:	
Set Set	the same	Subnet Mask and	hoperty	Value	
gate PC.	1 0 0 TA 10 0	e camera with your	ubnet Mask efault Gateway HCP Server	00-E0-D0-00-23-01 192 168 0.50 255 255 255 0 192 168 0.1 192 168 0.1	
c0		o DNS servers. You	VS Server	2010-7-23 17:20:44 2010-7-23 19:20:44 202:96:134:33 192:168:0.1	
00	eway is a	of them. Same with Iso OK.	ino server		
Control Pane My Network					Close
My Documen	ts			1.00	10

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

## 4.4.2 Wireless Settings

**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.

Wireless Network	List	Scan	SSID	FOSCAM-docdev
SSID(Network Name)	Encryption		Encountion	WPA/WPA2
MERCURY_9E72A8	Unencrypt		Scan button	
TP-LINK_B2637A	Unencrypt	to search networks	for wireless	sword length is 63, includ
MERCURY_07EA54	WPA/WPA2	all	-	nd symbols ~ ! @ # * ( ) _
dlink-chenchen2.4G	WPA/WPA2	att	-1	<>?`-;'./
maqb	WPA/WPA2	at		
zhwwang_1	WPA/WPA2	at		
TP-LINK_CB209C	Unencrypt	at		
FOSCAM-docdev	WPA/WPA2	a		
TP-LINK_liyo	Click the	Page number	to see othe	er wireless
WUXIAOCHUAN	networks	devices if there	e are more tha	an 10.

**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.

		-	SSID	FORONA deside
Wireless Network I	List	Scan	5510	FOSCAM-docdev
SSID(Network Name)	Encryption	Quality	Encryption	WPA/WPA2
MERCURY_9E72A8	Unencrypt	at	Password	
MERCURY_07EA54	WPA/WPA2	att	The n 2 Ent	er the password
dlink-chenchen2.4G	WPA/WPA2	at	numb	ur router.
maqb	WPA/WPA2	đ		
FOSCAM-docdev	WPA/WPA2	afi		
TP-LINK_liyo	WPA/WPA2	(	4	
WUXIAOCHUAN	WPA/WPA2		SSID of your ro	
TP-LINK_jingyuan	WPA2	a service a second	elevant informa illed in the f	
TP-LINK_wyy	WPA/WPA2	automatic		
D-Link_wly	WPA	all	1.50	

**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 camera is able to connect to the wireless network.

The 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 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 Tools, setting a static IP, and pushing OK.

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

## 4.4.3 Soft AP Password Settings

For the safety of your camera, we recommend you change the Soft AP password.

Setup Wizard Status	Soft AP Passw	
Basic Settings	)	Save Refres
Network	SSID	FosBabyP1_1DA0ED
IP Configuration	Encryption	WPA/WPA2
Wireless Settings Soft AP Password Settings	Password	
DDNS	Security Level	
UPnP	Confirm the password	

## 4.4.4 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
Enable DDNS			
Manufacturer's DDNS			
Manufacturer's DDNS	test09.myfoscam.org	Restore DDN	IS to factory
Third Party DDNS			
DDNS Server	None	~	
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

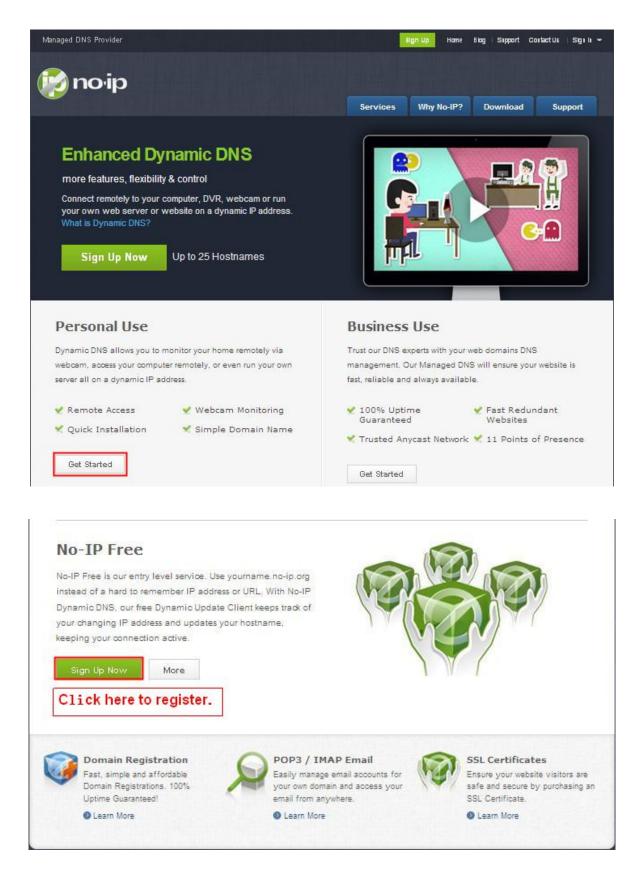
**Restore DDNS to factory:** If you have configured Third Party DDNS successfully, but you want to use Manufacturer's DDNS again , here click this button and start Manufacturer's DDNS Service.

### Third Party Domain Name Settings

User can also use third part DDNS, such as **www.no-ip.com**. **,www. 3322.com** Here take **www.no-ip.com** for example:

#### ① Step 1, Go to the website <u>www.no-ip.com</u> to create a free hostname

Firstly: Login on <u>www.no-ip.com</u> and click No-IP Free to register.



Please register an account step by step according to instructions on www.no-ip.com

After registration, please login your email which used to register. You will receive an email from website, please click the link to activate your ACCOUNT as indicated in email.

Secondly: Login the link with the registered username and password to create your domain name.

The DNS Ser	vice Provider	Home	Download	Gervices Supp	
Client Log	gin				ser Login semame
Home ≽ <u>Client Login</u>	-			the registered and password	assword weate Account orgot password? dditional Services
	Email: Password:				Vo-IP Enhanced Upgrade your No-IP account to unlock many exciting features.
	Forget your password?	a registered user of No	-IP.com,		Who-IP Backup DNS Maximize uptime and add Anycast to your existing DNS infrastructure.
Hosts/Redirects DNS Need redundancy for your mail server? Click here for more info	Hosting Domain Registre	Р	Certificates   Monitorin		6 PDT from IP 65.49.14.58
24/7 Server Monitoring and Failover Click here for more info	You have successfully logger an item from the navigation a		section. To start using f	No-IP's services select	an icon below or choose
<ul> <li>Support Center</li> <li>Basic Troubleshooting Guide</li> <li>Support Ticket</li> </ul>	Manage Domains	Add Domain	Refer Friend ck Add a Host to ci	Add a Host	Manage Hosts
+ Contact Us	\$15 Find a Domai	2	main name	com 💌	Search
🛿 Get Connected	Own a domain name? Use your own domain name your domain name now or p features		Add You do not h rd Check this	No-IP Alerts nave any notices at this spot for important info ch as expiring services	rmation regarding your
	Home   A	PI   Contact Us   S	Sitemap   Terms of Servi	ce   Privacy Policy	Blog

### Please create the domain name step by step according to instructions on www.no-ip.com Step 2, DO DDNS Service Settings within the Camera

Please set DDNS Settings within the camera by host name, a user name and password you've got from

#### www.no-ip.com

Take host name ycxgwp.no-ip.info, user name **foscam**, password **foscam2012** for example.

Firstly, goes to option of DDNS Settings on the administrator panel.

**Secondly**, select No-Ip as a server.

**Thirdly**, fill **foscam** as DDNS user, fill password **foscam2012** as DDNS password, fill ycxgwp.no-ip.info as DDNS domain and server URL, Then click save to make effect. The camera will restart and to take the DDNS settings effective.

Fourthly, after the restart, login the camera, and go to option of Device Status on the administrator panel, and check if the DDNS status is successful.

If failed, please double check if you have input the correct host name, user name, and password, and try to redo the settings.

### NOTE :

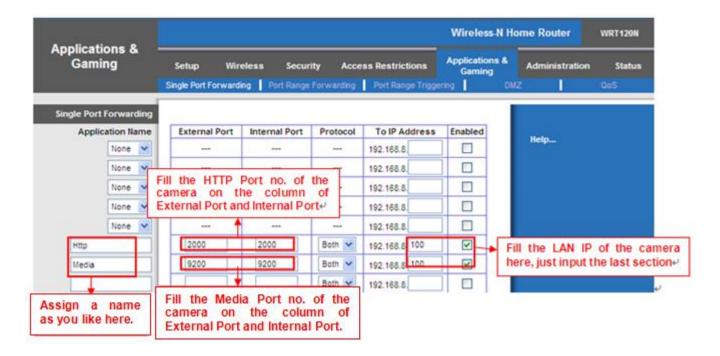
If you have set Third Party DDNS successfully ,the Foscam Domain Name will be invalid. The Third Party DDNS and the Foscam Domain Name cannot work at the same time, the last time you configured will take effect.

### 2 Do port forwarding within the router

Example: The camera's IP address is http://192.168.8.100:2000 , Media port no. is 9200.

**Firstly,** login the router, goes to the menu of **Port Forwarding or Port Trigger** (or named Virtue Server on some brands of router). **Take TP-Link brand router as an example, Login the router, and goes to Applications & Gaming->Single Port Forwarding.** 

**Secondly**, Create a new column by IP address & HTTP Port No. of the camera within the router showed as below.



#### ③ Use domain name to access the camera via internet

After the port forwarding is finished, you can use the domain name+ http no.to access the camera via

internet. Take hostname **ycxgwp.no-ip.info and http NO. 2000** for example, the accessing link of the camera via internet would be **http:// ycxgwp.no-ip.info:2000** 

## 4.4.5 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:

Device Status		Refresh
	Alarm Status	Disabled
	Record Status	Not Recording
	NTP Status	Disable
	DDNS Status	Success test09.myfoscam.org
	UPnP Status	Success
	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 .

## 4.4.6 Port

This camera supports HTTP Port, HTTPS and ONVIF.

	Save Save Refresh
HTTP Port	88
HTTPS Port	443
ONVIF Port	888

**HTTP port:** By default, the HTTP and Media are 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. 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.

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

**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.

#### 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 shown :

Camera Name	IP Address	Device ID	Туре
nonynous	Basic Properties	0626E589230	Н. 264
	Network Configuration		
	Upgrade Firmware Generate Check Code Recover Default Refresh Device List Flush Arp Buffer About Equipment Search Tool	Select which o you'd like to c port for, and r	hange the

👽 Equipment Search Tool	Anonymous Network	Configuration	)	×
Camera Name Anonymous	🔽 Obtain IP from	DHCP server	rice ID E589230	Туре Н. 264
	IP Address Subnet Mask Gateway DNS Server Http Port	192 .168 . 1 .110         255 .255 .255 . 0         192 .168 . 1 . 1         192 .168 . 8 . 8		the Http Port .
	User Password OK Note: After changi: device will automa	admin ****** Cancel ng the configuration tically restart		the Username an vord, click OK.

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 IP address has changed. In our example it was changed to 2000, so we see http://192.168.8.102:2000 in Equipment Search Tool. Also, the IP address is now fixed at a static IP address of http://192.168.8.102:2000. This IP address will not change even if the camera is powered off and back on, the camera will remain on this IP address. This is very important that a static 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 IP address. Make sure you set a static IP address!

Equipment Search Tool	A REAL PROPERTY OF A READ REAL PROPERTY OF A REAL P		
Camera Name	IP Address	Device ID	Туре
Anonymous	Http://192.168.1.110:2000	00626E589230	Н. 264

Note: Http port and Https port must be different.

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

## 4.4.7 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.

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

## 4.4.8 FTP Settings

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

	(E Save Refresh)
	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
	yaocuixiang
Username	The maximum length of the user name is 63, support numbers, letters and symbols _ @
	\$*-,.#!
Password	•••••
1 435/014	The maximum password length is 63, does not support the character & =
Test	Success

Figure a

	Save Refresh
ETD	ftp://ftp.mgenseal.com
FTP server	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 WLAN, 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.

### 4.4.9 P2P

Access the camera by smart phone (Android or iOS operating system) First of all, you need to open the P2P function of the camera at "Settings-->Network-->P2P."

	P2P	
		Save Sefres
UID	EXGTAADYNLYRBGPMYR3JA198	
Enable P2P 🔽		
P2P Port	37504	

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.

# 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 Settings	
		Save Refresh
/ain stream video settings		
Enhanced Night Vision Defin	ition 📝	
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, For example: 720P, VGA. 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.

**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. When the video format is 50Hz, the maximum frame rate is 25 fps. When the video format is 60Hz, 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.

**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.

	OSD	
		Save Refresh
Display Timestamp	Yes	•
Display Camera Name	Yes	
Display Temperature & Humidity	Yes	

**Display Timestamp:** 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.

**Display Temperature & Humidity**: There are two options: Yes or NO. Select Yes and you can see the temperature and humidity 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	)	0	R	efres	h
Manua	I sna	p Qı	ality			Medi	um									~								
Picture	s Sa	ve T	0			None	)									~								
nable tim	ing to	capt	ure 💽	/																				
Capture	Capture interval 10 (5-65535s)																							
All	00	01	02	03	04	05	06	07	© 08	Sc 09	hedu 10	le 11	12	13	14	15	16	17	18	19	20	21	22	23
MON																								
TUE				- 4																				
WED																				1		1		
THU																								
FRI																								
SAT																								
SUN																								

**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 automatically. If you select the FTP, you can set the file name which the picture save to.

#### 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

You can set the period of time during which the infrared lamp is turned off to prevent your baby from being influenced during sleep. You can also turn off the infrared lamp on the video preview page at any time.

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

# 4.6 Detector

## 4.6.1 One Key Alert(Only Fosbaby P1)

On this page, you can turn on or off the alarm function you need.

Setup Wizard	One Key Alert
Status	
Basic Settings	Save Refresh
Network	Enable One Key Alert 🗹
Video	Choose the detection types contained by One Key Alert
Detector	Motion Detection m
One Key Alert	Sound Detection
Sound Detection	Temperature Detection
Temperature Detection	Humidity Detection

# 4.6.2 Motion Detection

The camera supports **Motion Detection Alarm**, when the motion has been detected, it will send emails or upload images to FTP.

	Motion Detection
	7 Save Refresh
nable 🔽 👖	
Sensitivity	Medium 2
Triggered Interval	15s 3
	Camera Sound PC Sound
	Send E-mail
	Take Snapshot Time Interval 2s 4
Action	Please set the capture storage location in advance.
	Recording 🥅
	Please set the video storage location in advance.
	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 2

### To enable motion detection, follow the steps below:

To enable motion detection, follow the steps below:

#### Step 01: Enable Motion detection

**Step 02: 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 03: Trigger interval--- The interval time between two motion detections. Here supports

5s/6s/7s/8s/9s/10s/11s/12s/13s/14s/15s. Select one interval time. **Step 04: Select the alarm indicators** 

	Refresh
Alarm Status	Detect alarm
Record Status	Recording
SD Card Status	SD card
SD Card Free Space	3.0G
SD Card Total Space	3.6G
NTP Status	Disable
DDNS Status	Success http://test09.myfoscam.org:88
UPnP Status	Success
WIFI Status	Connected to:foscam-wifi
IR LED Status	Off

When the motion has been detected, the alarm status will turn to Detect alarm.

#### There are four alarm indicators:

#### A Camera Sound

There is an embedded speaker inside the camera, so if you select Ring, when the motion has been detected, the people around the camera will hear beep alarm sound.

#### **B PC Sound**

Click it, when the alarm is triggered in FosBaby, your PC opportunity to sound the alarm.

#### C 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.

#### D Take Snapshot

If you select this check box, 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.

#### E Recording

If you select this check-box, 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.

### F Push message to the phone

If you select this check-box, when the motion has been detected, the camera will send message to the phone. The phone had installed Foscam APP and through the APP the camera had been added successfully.

### Step 05: Set detect area

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



#### Step 06: 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.

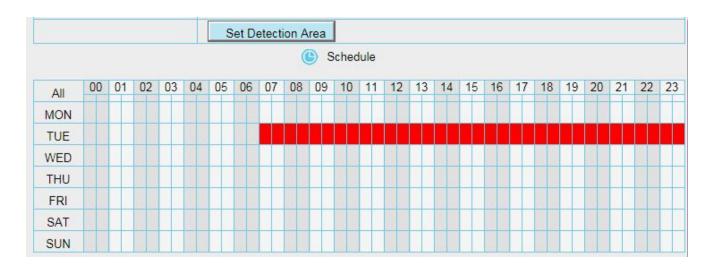


### ② Specify an alarm schedule

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	et D	etect	ion A	rea														
	Schedule																							
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 07: 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.

## 4.6.3 Sound Detection

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

	Sound Detection													
	Save Refresh													
nable 📝														
Sensitivity	High													
Triggered Interval	5s 💌													
	Camera Sound PC Sound													
	Send E-mail													
	Take Snapshot Time Interval 2s													
Action	Please set the capture storage location in advance.													
	Recording 🕅													
	Please set the video storage location in advance.													
	Push message to the phone 📝													
	(Schedule													
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	، میں وجو ہوجو ہوتا ہوتا ہوتا ہوتا ہوتا ہوتا ہوتا ہوت													

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.

## 4.6.4 **Temperature Detection**

An alarm is triggered when the temperature exceeds the defined safe temperature range. The safe temperature range can be defined by you. However, the lower limit of the safe temperature range must be set to 0°C or higher, the upper limit must be set to 40°C or lower, and the upper limit shall at least be 5°C higher than the lower limit.

	Temperature Detection											
	Save Refresh											
Enable 👿												
Comfortable temperature range	15   ~ 22   •C     It will trigger the alarm if the temperature outside this range.											
Triggered Interval	5s 💌											
	Camera Sound PC Sound											
	Send E-mail											
Action	Take Snapshot     Time Interval     2s       Please set the capture storage location in advance.											
	Recording 🗐 Please set the video storage location in advance.											
	Push message to the phone											
N	() Schedule											
All 00 01 02 03 04 0	15 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23											

The way to set is the same to set motion detection.

# 4.6.5 Humidity Detection(For FosBaby P1)

It monitors the humidity in the environment, once it exceeds the range you set up, the camera will send message. However, the lower limit of the safe humidity range must be set to 0% or higher, the upper limit

must be set to 100% or lower, and the upper limit shall at least be 5% higher than the lower limit.

	Save Refresh									
	Save Refresh									
able 👿										
	20 % ~ 45 %									
Comfortable Humidity Range	It will trigger the alarm if the humidity outside this range.									
Friggered Interval	5s 💌									
	Camera Sound PC Sound									
	Send E-mail									
	Take Snapshot Time Interval 2s									
Action	Please set the capture storage location in advance.									
	Recording 🔲									
	Please set the video storage location in advance.									
	Push message to the phone 🔽									
	() Schedule									

# 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	on
		Save Refresh
Recording Location	FTP	
Local Recording Location	c:\IPCamRecord	Browse
ecording Location is used for ala	m recordings and schedule recordings.	
-	-	storage location is "c:\IPCamRecord". The defau
lac OS storage location is "/IPCa	nRecord".If you modify the path on othe	r cameras, this default storage location will be
odified 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."

**Manual 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.

## 4.7.2 Alarm Recording

		Save Sefresh
Enable Pre-Record 🔽		
Pre-recorded Time	5s	×
Alarm Record Time	30s	<b>``</b>

## 4.7.3 Local Alarm Recording

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

L	ocal Alarm Rec	ording	
		Save Sefres	h
Enable Local Alarm Recording			
Local Alarm Recording Time	30s	•	

# 4.7.4 Scheduled Recording

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

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

						S	che	edu	le	dI	Re	col	rdi	ng	Т	o F	TP	-						
																C	1	Save	$\bigcirc$	C	5	Refr	esh	5
Enable S	ched	uled	Reco	ording																				
		_																						
Stream	n		١	Main	strea	ım							1	•										
									(	D E	Edit S	ched	uled	Reco	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										- 14								- 24						
TUE																		- 121				-		
WED																								
THU									_	- 21							_	- 24						-
FRI																								
SAT														-						-				
SUN						-																		

### When the video is selected as SD card, the device supports pumping frame recording.

	Storage Loc	ation
		Save Refresh
Barris Caralle	SD card	
Recording Location		372.2 MB / 7.4 GB
Local Recording Location	c:\IPCamRecord	Browse

	Scheduled Recording To SD Card													
Save Save Refresh														
Record full strategy Cover														
6 17	18	19	20	21	22	23								
				-										

**Frame Rate:** 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 " 4.5 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.

Go to the **Settings→Status→Device Status** page, you can see the SD card status.

	SD Ca	rd Management	
			Refresh
SD Card Status	SD card	SD Card Management	
SD Card Free Space	798.6MB		
SD Card Total Space	7.4GB		

Note: SD card management is only effective when access the IPC in LAN

**SD Card Management:** After click the button, you should enter the username and password of the camera. Then you can manage the recording files of the camera in the SD card. The SD card management is only effective when access the camera in LAN.

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 Lullabies

The only nursery rhyme on the machine and the lullabies of a specified coding mode in the SD card can be played (two lullabies is stored in the Flash for playing when no SD card is available). When the **Songs Path** is set to **SD**, the IP camera only display five songs in the **Music** list.

	L	ullabies List		
				Refres
Songs Path	SD			
Playlist	default	•	Add	Delete
Music		Add Delete Up Down	'laylist	

Simple playing control is available: Play/stop, previous/next song, in-order playing, circular playing of a single song, circular playing of all songs, and volume control (on the lower part of the video preview page).



Two ways are available for storing the rhyme into an SD card:

- 1. Remove the SD card from the machine, connect the SD card to the computer using a card reader, and import songs to the card.
- 2. Insert the SD card into the machine and import songs on the SD card management page.

#### Note:

Import songs to the SD card and insert the SD card into the camera. If you restart the camera, the songs can be played directly. If you do not restart the camera, you must click the **Synchronize** button on the **Real-time preview** page to play the songs.



# 4.9 PTZ (For FosBaby P1)

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

## 4.9.1 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.

Setup Wizard Status	Pan & Tilt Spee	
Basic Settings		Save Refresh
Network	Pan & Tilt Speed	Normal
Video 🗢	5	Very fast Fast
Detector	Ê.	Normal
Record	ð	Slow Very slow
Nursery Rhymes	0	
PTZ 💎	-	

## 4.9.2 Cruise Settings

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

Setup Wizard	Cruise Settin	gs		
Basic Settings				Refresh
Network	Cruise Mode	Cruise time	•	
Video	Cruise time	15 Minute	•	
Detector		Save		
Record				
Nursery Rhymes	Cruise Tracks	Vertical	✓ Add Delete	Save
PTZ Pan & Tilt Speed	Preset point		Cruise track Preset point	Dwell time
Cruise Settings Start-Up Options Firewall System	TopMost BottomMost LeftMost RightMost	Add Delete Up Down	TopMost BottomMost	0 Sec 0 Sec

## 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.

 Cruise Mode
 Cruise time

 Cruise time
 15 Minute

 Save
 Save

 Cruise Mode
 Cruise Loops

 Cruise Loops
 Ioops

 Save
 Save

### Click **Save** to take effect.

## 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.

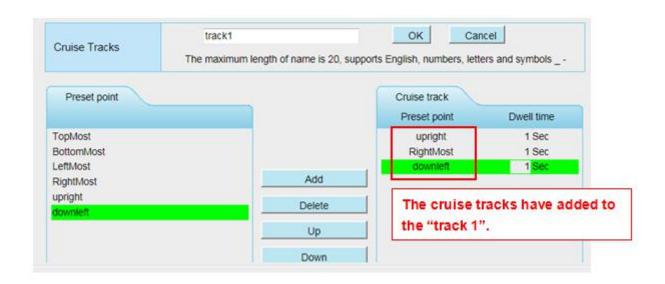
		Cruis	e Settin	gs		
					Refresh	
Cruise Mode	Cruis	e time				
Cruise time	15 M	inute				
	Sa	ve				
	test			OK Can	cel	
Cruise Tracks	The				rs and symbols	
	Ine	new added	а track nan	ne.		
Preset point				Cruise track		
				Preset point	Dwell time	
TopMost				BottomMost	1 Sec	
BottomMost				LeftMost	2 Sec	
LeftMost DightMost			Add			
Select one prese	t point		Nuu	Here you ca	an see the preset	poin
i Select one prese	r point.	2 Click	Add butto	•	dded to one track.	And
			Up	you can set	the stay time.	
			own			

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

Cruise Preset	
Name downleft	Add the preset.
IR LED Lights Color Adjustment	



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



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	Delete	1	
downleft	Delete	1	
	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.

## 4.9.3 Start-Up Options

Here section will allow you to set the stop position after the camera reboots. It supports three modes: Disable Start-Up, Go To Home Position and Go To Preset Position. Disable Start-Up: When rebooting, the camera will not pan / tilt.

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

Setup Wizard Status Basic Settings		Start-Up Options		Save Refresh
Network	$\overline{}$	Start-Up Option	Go To Home Position	
Video	$\overline{}$	Note:The cruise and preset function will b	Disable Start-Up P Go To Home Position	
Detector			Go To Preset Position	
Record	$\overline{}$			
Nursery Rhymes				
PTZ				
Pan & Tilt Speed				
Cruise Settings				
( Start-Up Options	$\supset$			

# 4.10 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**.

	IP Filtering		
		Save	Refresh
Enable 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.

#### **System** 4.11

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.

#### 4.11.1 **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.

	Back-up & Restore
Backup is used to save	your current settings. It is recommended to backup your configuration before modifying or
upgrading firmware.	
Backup	
Settings can be restore	d by uploading the backup file.
Path:	Browse Submit
Path:	Browse Submit

#### 4.11.2 System Upgrade

Your current firmware version will be displayed on your screen. You may go to the Status -> Device Information Page to check for the latest firmware versions available.

Click Browse, choose the correct bin file and then click System upgrade. Make sure you have unplugged the SD card.

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

Download the latest firmwar	e Current Firmware Version: 2.22.1.218	
Bi	cowse System Upgrade	

Your camera will reboot during the firmware upgrade.

#### **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
onymous	Basic Properties Network Configuration Upgrade Firmware Generate Check Code Recover Default Refresh Device List Flush Arp Buffer About Equipment Search Tool	00626E589230	н. 264

Figure 4.1

Camera Name Anonymous	Anonymous Upgrade Firmware	vice ID         Туре           6E589230         H. 264
	User Password Upgrade System Firmware Upgrade Web VI OK Note: After firmware upgrade the device will automatically restart.	Enter the User name and Password

**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.

#### NOTE:

- 1. Please ensure you have download the correct firmware package for your camera before upgrading. Read the upgrade documentation in the upgrade package before you upgrade.
- 2. Upon downloading the firmware check the sizes of the bin files. They must match the size in the read me.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.

- 3. Never shut down the power of the camera during upgrade until the IP camera restart and get connected.
- 4. 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.

#### 4.11.3 Patch Installation

		Patch Installation	
	Browse	Install Patch	
Uninstall Patch			
Result			

#### 4.11.4 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.	

#### 4.11.5 Reboot

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

Reboot			
Reboot	Click this button to reboot your 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		
0.11	100			

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

select the time on the time&date manually.

•	2014		2				•
	s	м	т	w	т	F	s
20	2	3	4	5	6	7	1 8
Thursday	9	10	11	12	13	14	15
Thursday 2014-2-20	16	17	18	19	20	21	22
2014-2-20	23	24	25	28	27	28	

All records Control 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

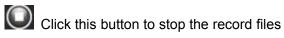
On this panel you can see all record files satisfy the conditions you set.

#### 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





Open or stop audio

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

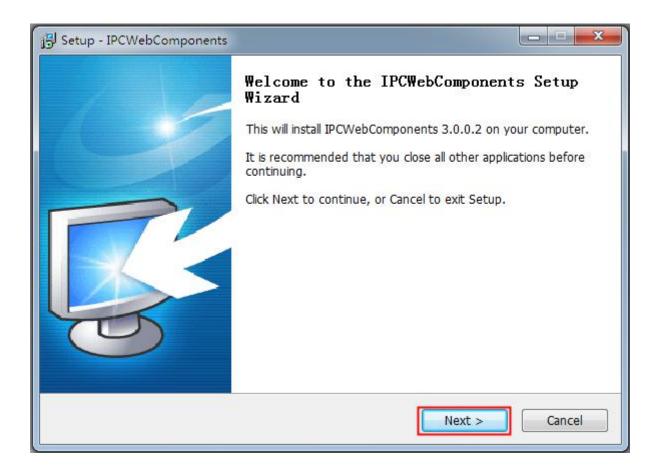
# 6 Appendix

## 6.1 Frequently Asked Questions

NOTE: Any questions you would meet, please check Network connections firstly. Check the working status revealed by the indicators on the network server, hub, exchange and network card. If abnormal, check the network connections.

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

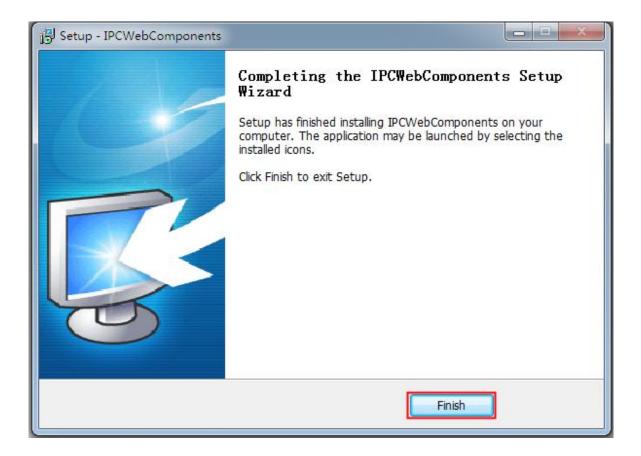
IPCam Client	- Windows Internet Explorer		
<u> </u>	http://192.168.1.100:88/		€ + 4
File Edit	View Favorites Tools Help		
🚖 Favorites	🖉 IPCam Client		
		Internet Explorer - Security Warning	
		Do you want to install this software?	
		Name: IPCWebComponents.exe Publisher: ShenZhen Foscam Intelligent Technology Co.,Ltd	
		More options  Install  Don't Install  Don't Install	
		While files from the Internet can be useful, this file tune can potentially have	
		While files from the Internet can be useful, this file type can potentially harm your computer. Only install software from publishers you trust. <u>What's the risk?</u>	



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

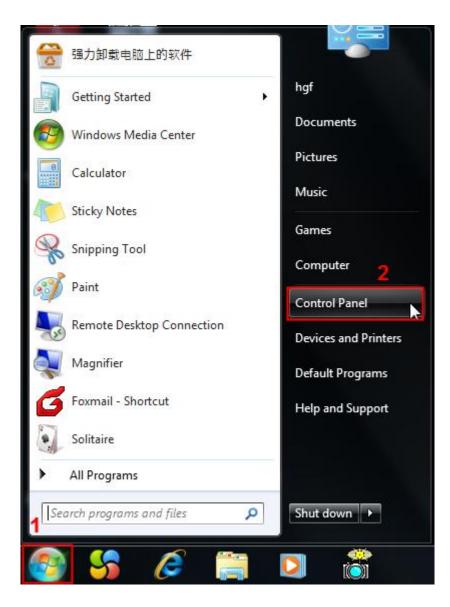
15 Setup - IPCWebComponents	
Select Start Menu Folder Where should Setup place the program's shortcuts?	<b>R</b>
Setup will create the program's shortcuts in the following Start To continue, click Next. If you would like to select a different folder, clic	
IPCWebComponents	Browse
< Back Next >	Cancel

Setup - IPCWebComponents	
Ready to Install Setup is now ready to begin installing IPCWebComponents on your cor	mputer.
Click Install to continue with the installation, or click Back if you want to change any settings.	o review or
Destination location: C:\Program Files\IPCWebComponents Start Menu folder: IPCWebComponents	*
٠	*
< Back Insta	Cancel



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

#### Chrome.





Control Panel	<ul> <li>Programs          <ul> <li>Programs and Features</li> </ul> </li> </ul>	▼ 🍫 Search F	Programs and Feat	tures
Control Panel Home View installed updates Turn Windows features on or	Uninstall or change a program To uninstall a program, select it from the list a	nd then click Uninstall, Change, or Repair		
off	Organize 🔻 Uninstall			HH • 🔞
		D. L.C. L	Installed On	Size
	Name	Publisher	maturica on	
	Name	Publisher 360安全中心	5/21/2014	191 MB
	360安全卫士 ▲ Adobe Reader XI - Chinese Simplified IPCWebComponents 3.0.0.2	360安全中心 Adobe Systems Incorporated	5/21/2014	155 MB
	360安全卫士 ▲ Adobe Reader XI - Chinese Simplified	360安全中心 Adobe Systems Incorporated	5/21/2014 5/21/2014	191 MB 155 MB 3.67 MB

#### 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 does not 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

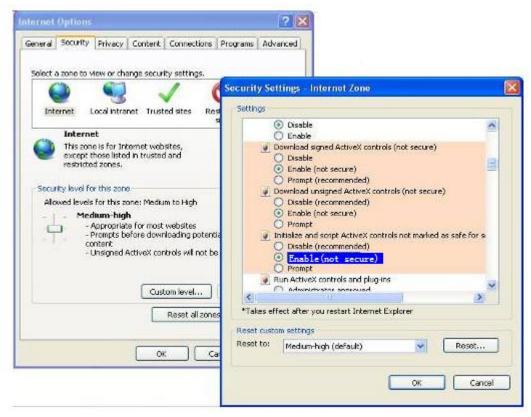
The video streaming is transmitted by the ActiveX controller. If ActiveX controller isn't installed correctly you will see no video image. You can resolve this problem by this way:

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



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.

		Save Refresh
HTTP Port	88	
HTTPS Port	443	
ONVIF Port	888	

**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 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

ITEMS		Fosbaby
	Sensor	High Definition Color CMOS Sensor
Image Sensor	Display Resolution	1.0M Pixels(1280*720)
	Min. Illumination	0 Lux (With IR Illuminator)
Lens	Lens Type	M12 interface f 2.5mm F=1.8
	focal length	f 2.5mm
	Aperture	F=1.8
	Diagonal angle of view	100°
	Horizontal view angle	90°
	Image Compression	H.264
	Image Frame Rate	30fps(60Hz), 25fps(50Hz), downward adjustable
	Resolution	720P(1280 x 720), VGA(640 x 480) & (640 x 360), QVGA(320 x 240) & (320 x 180)
Video	Stream	dual stream
	Image adjustment	The hue, brightness, contrast, saturation, sharpness are adjustable
	Flip image	flip and mirror
	Infrared mode	Automatic or manual
	IR Range	IR Range up to 5m(16ft)
	Ethernet	N/A
	Wi-Fi	IEEE 802.11 b/g/n
	Modulation Mode	OFDM/DBPSK/DQPSK/CCK
	Frequency	2.412-2.484
Network	Antenna	All directional
	Soft AP	Connect to Clients Directly via Wi-Fi
	WPS	one button push wireless connection
	Network Protocol	IP、TCP、UDP、HTTP、HTTPS、SMTP、FTP、DHCP、DDNS、 UPnP、RTSP、WPS
System Requirements	Operating System	Microsoft Windows 2000/XP, Vista, 7,8; Mac OS
	Browser	Microsoft IE8 and above version or compatible browser; Mozilla Firefox; Google Chrome; Apple Safari.

	Motion Detection		
	Sound Detection	Alarm via Smartphone App, E-Mail, upload alarm snapshot to FTP	
	Temperature Detection		
	Playing lullabies	Playing lullabies via Smartphone App or Web Client, new lullaby required to be put into Micro SD card	
Other	Two-way Audio	Supports Two-way Audio via Smartphone App or Web Client	
Features	WiFi LEDs	Supports turn on/off via Smartphone App or Web Client	
	Privacy Block	Set privacy area manually	
	External Card Slot	Micro-SD up to 32G	
	User Accounts	Three levels user role	
	Firewall	Supports IP Filtering	
	Reset	Reset button is available	
Power	Power Supply	DC 5V/1.5A	
FOwer	Power Consumption	<7.5 Watts	
Physical	Dimension(LxWxH)	75x71x119mm(3.0x2.8x4.7in)	
Filysical	Net Weight	140g(0.3lb)	
	Operating	-10°C ~ 50°C (14°F ~ 122°F)	
	Temperature		
Environment	Operating Humidity	20% ~ 85% non-condensing	
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
	Storage Humidity	0% ~ 90% non-condensing	
Certification	ion IC、CCPSA、CSA、CE, FCC, RoHS		

ITEMS		Fosbaby P1
-	Sensor	High Definition Color CMOS Sensor
	Display Resolution	1.0M Pixels(1280*720)
	Min. Illumination	0 Lux (With IR Illuminator)
	Lens Type	M12 interface f 2.5mm F=1.8
	focal length	f 2.5mm
Lens	Aperture	F=1.8
	Diagonal angle of view	100°
	Horizontal view angle	90°
Video	Image Compression	H.264
	Image Frame Rate	30fps(60Hz), 25fps(50Hz), downward adjustable
	Resolution	720P(1280 x 720), VGA(640 x 480) & (640 x 360), QVGA(320 x
		240) & (320 x 180)
	Stream	dual stream
	Image adjustment	The hue, brightness, contrast, saturation, sharpness are adjustable

	Flip image	flip and mirror	
	Infrared mode	Automatic or manual	
	Pan/Tilt Angle	Horizontal:320° & Vertical: 100°	
	IR Range	IR Range up to 8m(26ft)	
	Ethernet	N/A	
Network	Wi-Fi	IEEE 802.11 b/g/n	
	Modulation Mode	OFDM/DBPSK/DQPSK/CCK	
	Frequency	2.412-2.484	
	Antenna	All directional	
Network	EZlink	Link to WiFi network easily	
	Soft AP	Connect to Clients Directly via Wi-Fi	
	WPS	One button push wireless connection	
	Network Protocol	IP、TCP、UDP、HTTP、HTTPS、SMTP、FTP、DHCP、DDNS、 UPnP、RTSP、WPS	
System Requirements	Operating System	Microsoft Windows 2000/XP, Vista, 7,8; Mac OS	
	Browser	Microsoft IE8 and above version or compatible browser; Mozilla Firefox; Google Chrome; Apple Safari.	
	Motion Detection		
	Sound Detection		
	Temperature Detection	Alarm via E-Mail, upload alarm snapshot to FTP	
	Humidity Detection	—	
	Playing lullabies	Playing lullabies via Smartphone App or Web Client, new lullaby required to be put into Micro SD card	
	Two-way Audio	Supports Two-way Audio via Smartphone App or Web Client	
Other	Cloud Service	Synchronously manage all your cameras, watch live videos	
Features	Night Lamp	Supports turn on/off via Smartphone App or Web Client	
	WiFi and System LEDs	Supports turn on/off via Smartphone App or Web Client	
	Privacy Block	Set privacy area manually	
	External Card Slot	Micro-SD up to 32G	
	User Accounts	Three levels user role	
	Firewall	Supports IP Filtering	
	Reset	Reset button is available	
D 1	Power Supply	DC 5V/2A	
Power	Power Consumption	<9 Watts	
Physical	Dimension(LxWxH)	83x65x128mm(3.3x2.6x5.0in)	

	Net Weight	200g(0.4lb)
	Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Environment	Operating Humidity	20% ~ 85% non-condensing
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Storage Humidity	0% ~ 90% non-condensing
Certification	CE, FCC, RoHS	

Attention: Power adapter should be used between 0°C-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.

All rights reserved. FOSCAM and the FOSCAM logo are trademarks of ShenZhen FOSCAM Intelligent Technology Limited., registered in the U.S. and other countries.

#### 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: <a href="mailto:support@foscam.com">support@foscam.com</a>



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