FOSCAM

Quick Installation Guide

HD Wireless PTZ Dome IP Camera with P2P

Model:FI9828P

V4.1
EE200415

Package Contents

IP Camera   Power Adapter   Resource CD   Ethernet Cable

Wi-Fi Antenna   Quick Installation Guide   Security Warning Card
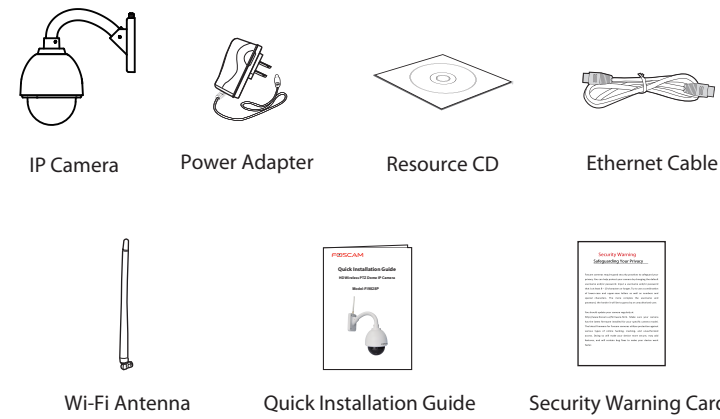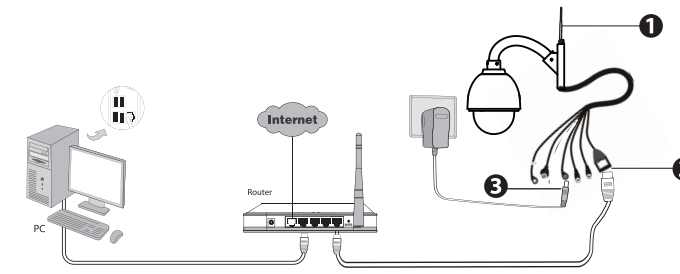
Security Warning

● **Foscam cameras require good security practices to safeguard your privacy. You can help protect your camera by changing the default username and/or password.**

● **You should update your camera regularly at http://www.foscam.us/firmware.html. Make sure your camera has the latest firmware installed for your specific camera model.**
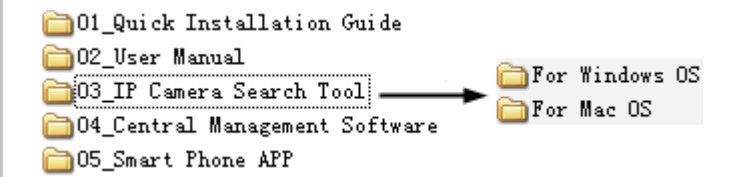
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1 Hardware Introduction

● Physical Description

Antenna
LAN
Audio in/out
Power
Alarm in/out
Reset Button
LENS
Infrared LED
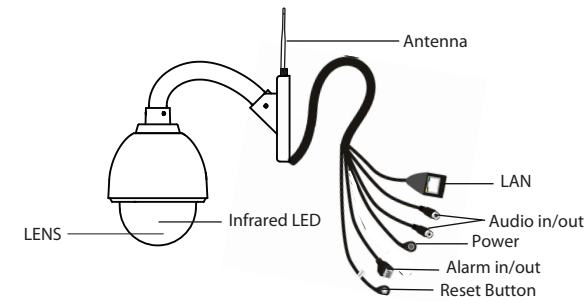
● Hardware Connection

Internet
Router
PC

1. Mount the antenna and make it stand vertically.

2. Connect the camera to the LAN network (Router or Switch) via network cable.

3. Connect the power adapter to the camera.

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2 Software Installation

1. Insert the CD into the CD drive of your computer.

2. Go to the folder "IP Camera Search Tool" and find the folder "For Windows OS"or "For Mac OS". Copy and paste the IP camera tool file to your computer, or drag it onto your desktop.

- 01_Quick Installation Guide
- 02_User Manual
- 03_IP Camera Search Tool → For Windows OS / For Mac OS
- 04_Central Management Software
- 05_Smart Phone APP

Shortcut icon for Windows OS   Shortcut icon for Mac OS

Notes:

● If your computer (Windows OS) supports autorun function , you can find the corresponding file in the opened control panel.

● If your computer doesn't have CD drive, you can download the IP camera tool from our website for free.

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3 Access the IP Camera in LAN

1. Enable the DHCP feature of your router (Enabled by default normally), then open the IP Camera Tool program. It should display the camera's IP address in your LAN (Local Area Network).
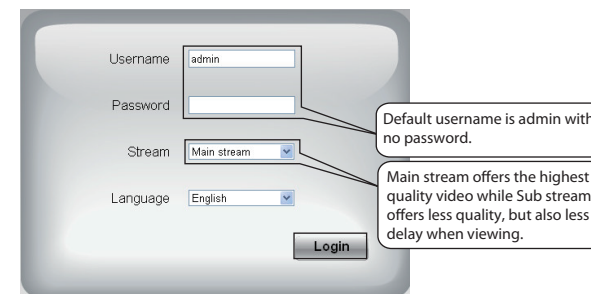
Camera name	IP Address	Device ID	Device type
Anonymous	Http://192.168.1.100:88	C4D6553894C0	H.264

2. Double click the camera listed here, and your default browser will open up to the camera's login page. When log in for the first time, you will need to download and install the add-on. We will use Internet Explorer as an example. For Google Chrome, Apple Safari, or Mozilla Firefox, please refer to the User Manual.
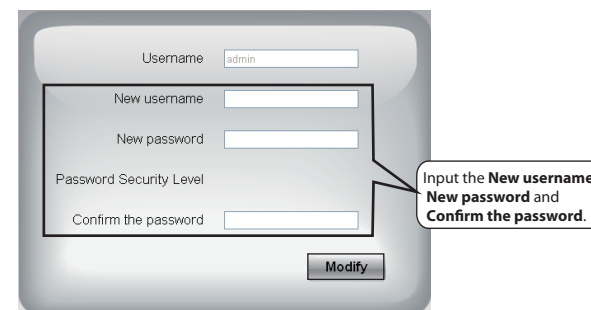
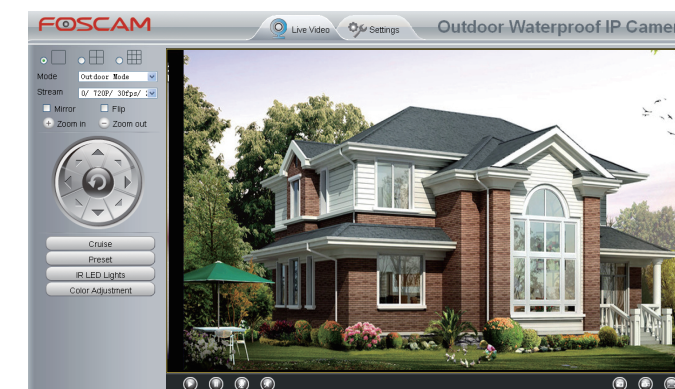Note :
Doesn't support 64-bit browser.

HD IP Camera

Click **Install**

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3. After installing the add-on, refresh the browser and click **Login**.

Username admin
Password
Stream Main stream
Language English
Login

Default username is admin with no password.

Main stream offers the highest quality video while Sub stream offers less quality, but also less delay when viewing.

4. When you log in for the first time, it will request that you modify the default username and/or password. Input the **New username**, **New password**, and **Confirm the password**, click **Modify** to complete the modification. You will now use the new username and password to login to the camera in the future.

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

Input the **New username**, **New password** and **Confirm the password**.

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5. After log in, you will see live video on the interface.

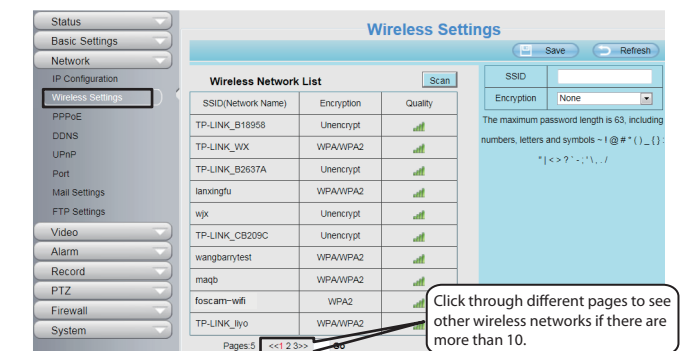FOSCAM   Live Video   Settings   Outdoor Waterproof IP Camera

Notes:

● After log in for the first time, it will go to "Setup Wizard" automatically. Please set the basic parameters, such as the camera name, camera time, wireless settings and more.

● If you forget your username or password, you can press and hold the reset button on the cable of the camera using a pin for 5 seconds. This resets the camera to factory defaults.

● If you want to access your camera over wireless or the Internet, please continue with the setup by following the Wireless and Remote Access steps below.

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4 Wireless Connection

1. Choose "**Settings**" on the top of the camera page, then go to "**Network - Wireless Settings**" section on the left side of the screen. From here, click **Scan**.

Wireless Settings

Wireless Network List		
SSID(Network Name)	Encryption	Quality
TP-LINK_B1695B	Unencrypt	
TP-LINK_WX	WPA/WPA2	
TP-LINK_B2637A	Unencrypt	
lanxingfu	Unencrypt	
wjx	Unencrypt	
TP-LINK_CB209C	Unencrypt	
wangbanytest	WPA/WPA2	
maqb	WPA/WPA2	
foscam-wifi	WPA2	
TP-LINK_liyo	WPA/WPA2	

Click through different pages to see other wireless networks if there are more than 10.

2. Click the SSID (name of your router) in the list, and the corresponding SSID and encryption will be filled into the relevant fields automatically on the right side of the page. All you need to do is input the password for your wireless network.
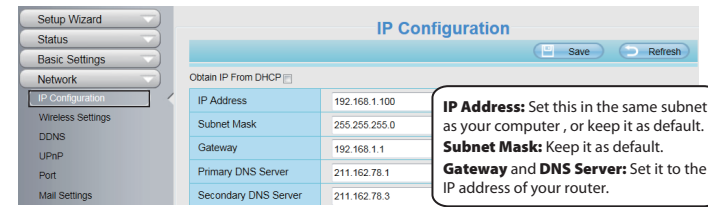

FOSCAM

Foscam Digital Technologies

www.foscam.us   www.foscam.ca   www.foscam.co.uk
www.foscamgroup.com   www.foscam.com

Wireless Settings

Wireless Network List

SSID(Network Name)	Encryption	Quality
TP-LINK_123456	WPA2	
foscam-wifi	WPA2	
V_CPA2	WPA	

SSID: foscam-wifi
Encryption: WPA2
Password: ••••••••

2. Input the password of your router.

1. Click the SSID (name) of your router, and the corresponding information will be filled in the fields.

3. Click the **Save** button and disconnect the network cable. Keep the camera powered on until it shows up in the IP Camera Tool. If the camera does not show up, try unplugging the power cable from the camera and plugging it back in. It should connect to the wireless network automatically.
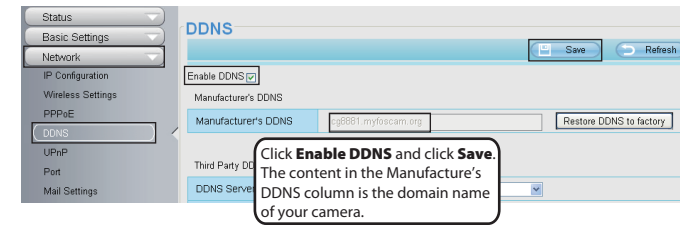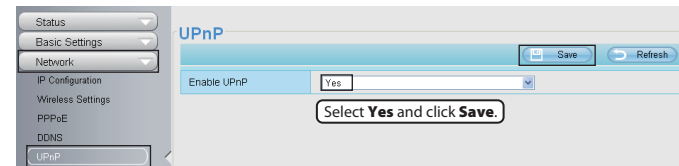
5 Remote Access

If you want to access your camera via web browser outside of your network, you need to configure some settings.

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. From here, uncheck the **Obtain IP DHCP**.

IP Configuration

IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
Primary DNS Server	211.162.78.1
Secondary DNS Server	211.162.78.3

IP Address: Set this in the same subnet as your computer , or keep it as default.
Subnet Mask: Keep it as default.
Gateway and **DNS Server:** Set it to the IP address of your router.

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

UPnP

Enable UPnP: Yes

Select **Yes** and click **Save**.

DDNS

Click **Enable DDNS** and click **Save**. The content in the Manufacture's DDNS column is the domain name of your camera.
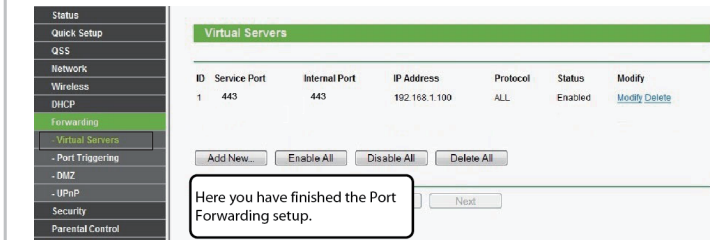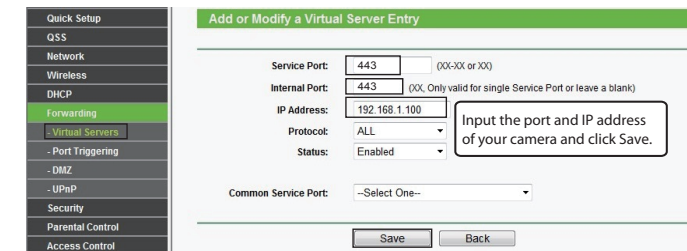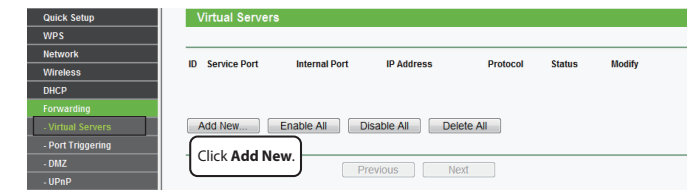
3. You can see the port of your camera here. If you want to set Remote Access for several cameras on the same network, you will need to change the HTTPS port for each camera.

Port

HTTP Port	88
HTTPS Port	443
ONVIF Port	888
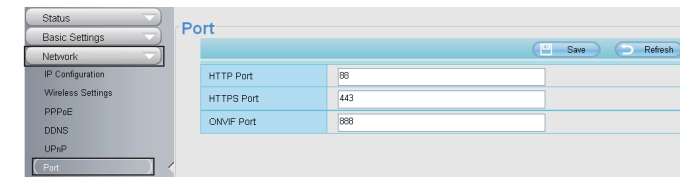
4. If UPnP has been enabled in the router, you do not need to perform the following steps. If UPnP is disabled, you need to select one of the following methods to configure port forwarding on your router. For these steps, we will be using the TP-LINK brand wireless router as an example.

- If there is a UPnP function in your router.

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

- 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.

Click **Add New**.

Add or Modify a Virtual Server Entry

Service Port:	443 (XX-XX or XX)
Internal Port:	443 (XX, Only valid for single Service Port or leave a blank)
IP Address:	192.168.1.100
Protocol:	ALL
Status:	Enabled
Common Service Port:	--Select One--

Input the port and IP address of your camera and click Save.

Virtual Servers

ID	Service Port	Internal Port	IP Address	Protocol	Status	Modify
1	443	443	192.168.1.100	ALL	Enabled	Modify Delete

Here you have finished the Port Forwarding setup.

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

For example, you can type the following in a web browser: https://cg8881.myfoscam.org:443

# 6 Access the IP Camera by Smart Phone

(Android or iOS operating system)

If you use a mobile device that runs iOS or Android, you can use our free app, **Foscam Viewer,** to access the camera through the LAN or Internet. Let's use the iPhone app in the following example. The user interface and operations in the Android app are similar to those in the iPhone app.

1. Search and install **Foscam Viewer** on the App Store or Google Play store for iOS or Android devices.

2. Firstly, make sure your mobile device and the camera are connected to the same router. Tap on the app icon to open the app. In the IPC section on the bottom, click the button. Your phone will go into QR code scanning mode.
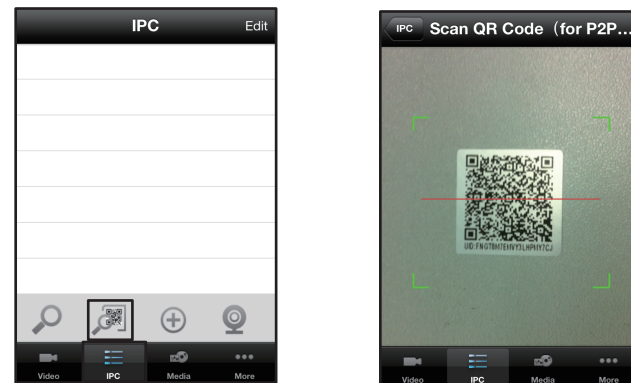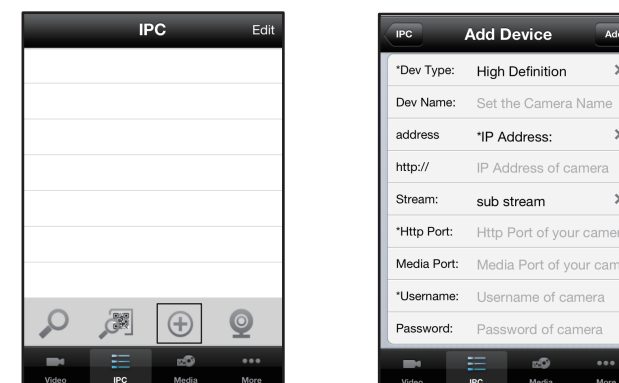

3. When you finish QR code scanning, the UID will be input automatically, then input **Device Name**, **Username** (default is admin), **Password** (blank by default). Then tap **OK**.


Device Info

Device Name:	
*Device UID:	FNGT8M7EMVY3LHPMY7CJ
*Username:	
Password:	

Note:
If the QR code scan is not successful, tap the button ⊕ , and input the UID manually (located under the QR code). Input all other information, and then tap **Add**.

Add Device

*Dev Type:	High Definition
Dev Name:	Set the Camera Name
address	*IP Address:
http://	IP Address of camera
Stream:	sub stream
*Http Port:	Http Port of your camera
Media Port:	Media Port of your camera
*Username:	Username of camera
Password:	Password of camera

4. So far, the camera has been added successfully. You can tap it from the list to check the live video.

FI9828P
192.168.1.100

The green point means the connection is successful.
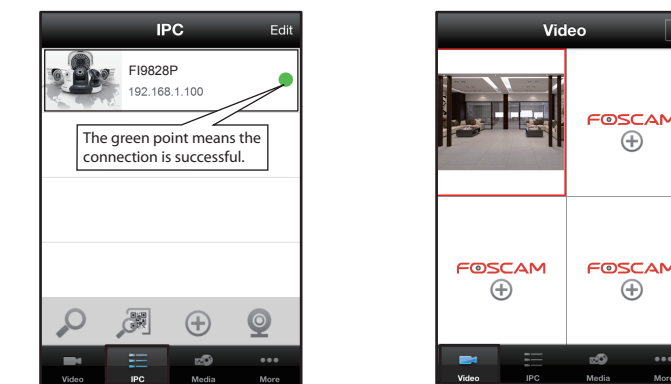
Note:
To learn more detailed app features, please refer to the app user manual on the CD. Location of the file: "Smart phone App >For Android / For iOS > Android App User Manual / iOS App User Manual".

7 Access the IP Camera by CMS

To access a remote camera on a Windows PC, please install the CMS software. For the installation file and user guide for the CMS software, please refer to the Foscam IP Camera Client user manual on the CD.

8 Technical Support

We hope your experience with the Foscam IP camera is enjoyable and easy to use. If you experience any issues or have any questions that this Quick Installation Guide has not answered, please contact our support department via the websites listed below 24 hours a day, 7 days a week.

Foscam Digital Technologies

www.foscam.us   www.foscam.ca   www.foscam.co.uk
www.foscamgroup.com   www.foscam.com