

User Manual

FHD PoE IP Camera



Model: D2EP

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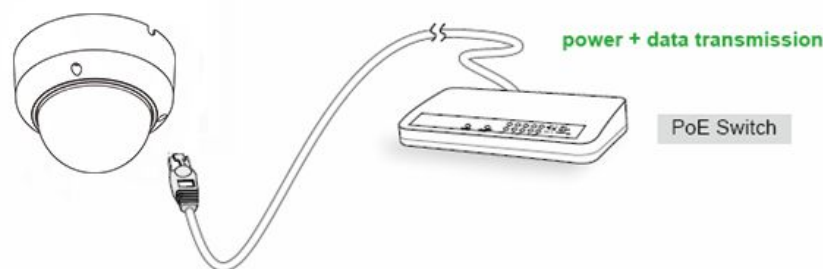
1 Overview

1.1 Key Features

- ◆ Standard H.264 video compression algorithm to satisfy the transmission of high definition video in narrow bandwidth network
- ◆ 2.0 Mega-Pixel
- ◆ Supports WPA and WPA2 Encryption
- ◆ PoE compliant with PoE standards IEEE 802.3af
- ◆ 1 infrared array LED for IR range up to 20m (66ft)
- ◆ Supports image snapshot
- ◆ Supports dual-stream
- ◆ Supports IR-Cut and the filter change automatically
- ◆ Supports remote viewing & record from anywhere anytime
- ◆ Multi-level users management with password protection
- ◆ Motion detection alert via email or upload image to FTP
- ◆ Supports multiple network protocols: IP, TCP, UDP, HTTP, HTTPS, SMTP, FTP, DHCP, RTSP
- ◆ Providing Video Management Software to manage or monitor multi-cameras
- ◆ Supports Wide Dynamic Range
- ◆ Supports Alexa
- ◆ Supports Google Assistant

1.2 PoE

The Network Camera is PoE-compliant, allowing transmission of power and data via a single Ethernet cable. Such as the following picture: connect the Network Camera to a PoE-enabled router / switch via Ethernet cable.



1.3 Read before Use

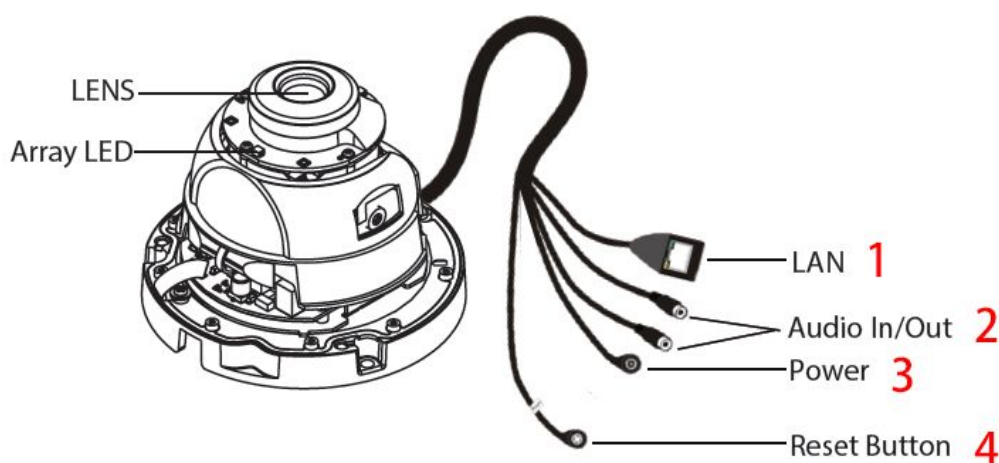
Please first verify that all contents received are complete according to the Package Contents listed below. Before the Network Camera is installed, please carefully read and follow the instructions in the Quick Setup

Guide to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

1.4 Packing Contents

● Camera× 1	● Ethernet Cable× 1
● Quick Setup Guide × 1	● Expansion Screws× 1
● Waterproof Lid × 1	● Power Adapter × 1
● Surveillance sign× 1	

1.5 Physical Description



1. LAN

10/100M adaptive Ethernet interface. Through this interface, IP camera can be connected with various network devices, such as hub, router, etc.

2. Audio Input / Output

- Audio input interface

The jack is used to plug external input device such as sound pick up device directly. Here microphone cannot directly insert to the interface, it must connect to adapter first.

- Audio output interface

The jack is used to plug external output device such as loud speaker directly. Here microphone cannot directly insert to the interface, it must connect to adapter first.

3.Power Interface

Connect the external power adapter, request for 12V / 1A power.

4. Reset Button

Press and hold on the reset button for 5 seconds. Releasing the reset button, the password will back to the factory default administrator password. The default administrator user is admin with no password.

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

1.6 SD Card Management

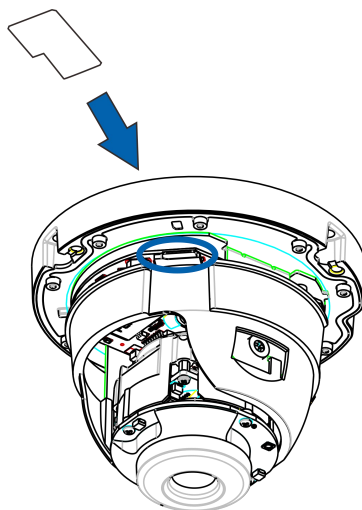
The record files of the IPC can be stored in the Micro SD Card.

You need open the IP Camera, then plug Micro the SD card into SD card slot inside the IP Camera.

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

Insert Micro SD Card in the location shown below.

On Foscam app go to the **Settings→Device Status→Device Status** page, you can see the SD card status.



NOTE: When you re-install the camera, please ensure the tightness with the camera.

1.7 Add Device: Connection via the Foscam App

Scan the QR code below to download and install the Foscam APP.



Please refer to the **Quick Setup Guide**.

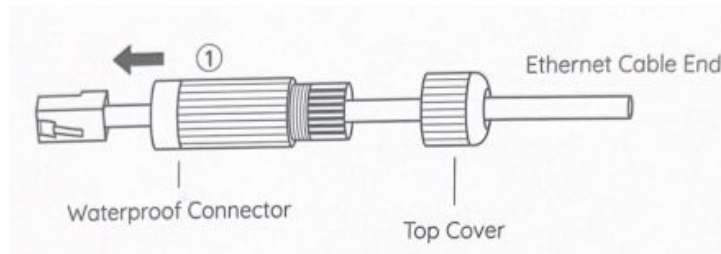
1.8 Installation

Please refer to the **Quick Setup Guide**.

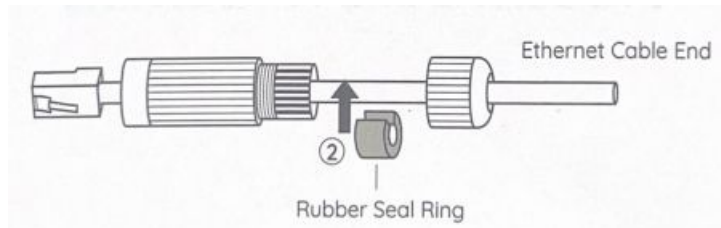
1.9 Waterproof Lid Installation Guide

When mounting your PoE camera outdoors, you are suggested to install the waterproof lid for it. You may follow the steps for installation.

1. Thread the Ethernet cable through the top cover and then the waterproof connector.

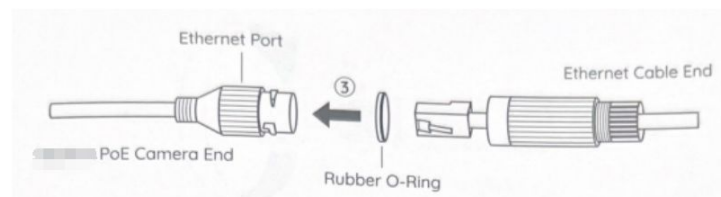


2. Put the rubber seal ring around the Ethernet cable between the top cover and the waterproof connector.

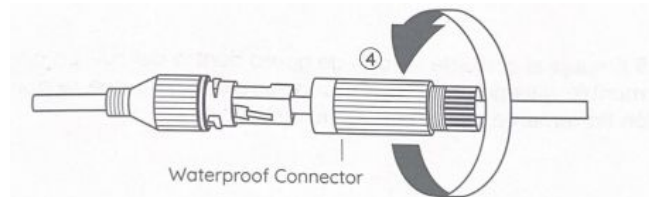


Note: The rubber seal ring provided has been cut. If not, you may manually cut it.

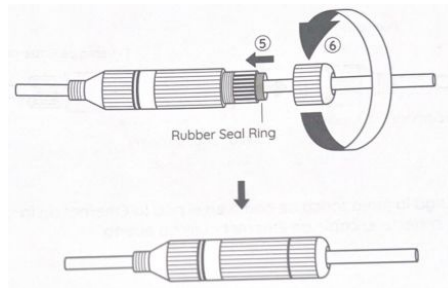
3. Put on the rubber O-ring to the Ethernet port of the camera and plug the Ethernet cable into the Ethernet port.



4. Align the waterproof connector with the Ethernet port, then twist it clockwise to tighten the two parts.



5. Push the rubber seal ring into the waterproof connector, then screw the top cover and lock it into position firmly to finish installation.



2 Default Parameters

Default network parameters

IP address: obtain dynamically

Subnet mask: obtain dynamically

Gateway: obtain dynamically

3 Specification

Specification		
	ITEMS	D2EP
Image Sensor	Sensor Type	High Definition Color CMOS Sensor
	Display Resolution	2.0Megapixels(1920 x 1080)
	Min. Illumination	0 Lux (With IR Illuminator)
Lens	Lens Type	f:2.8mm; F2.0
	Angle of view	Diagonal: 133.5°, Horizontal: 113.8°, Vertical:62°
Video	Image Compression	H.264
	Image Frame Rate	30fps(60Hz), 25fps(50Hz), downward adjustable
	Resolution	1080P(1920x1080),720P(1280 x 720), VGA(640 x 480), QVGA(320 x 240)
	Stream	Dual stream
	Image Adjustment	The hue, brightness, contrast, saturation, sharpness are adjustable
	Flip Image	Flip and mirror
	Infrared Mode	Automatic or manual
	Night Visibility	With 1 infrared array LEDs, Night Vision Range up to 20m
Audio	Input/Output	External RCA interface for two-way audio
	Audio Compression	PCM/G.726
Network	Ethernet	One 10/100Mbps RJ45 port
	Remote Access	P2P

	Network Protocol	IP, TCP, UDP, HTTP, HTTPS, SMTP, FTP, DHCP, RTSP
System Requirements	Operating System	Microsoft Windows (Foscam VMS), MacOS (Foscam VMS), Android (Foscam app), iOS (Foscam app)
Other Features	Motion Detection	Alarm via E-Mail, FTP and Foscam app when an event is detected
	Human Detection	Alarm via E-Mail, FTP and Foscam app when an event is detected
	Privacy Block	Yes
	User Accounts	Three levels user role
	WDR	Improve image clarity in complex scenario
	Zoom	6X digital zoom function
	Storage	Support max. 256GB Micro SD card, local and FTP storage, Foscam cloud storage
	Intelligent Assistant	Supports Alexa, Google Assistant
Power	Power Supply	DC 12V/1.0A
	POE Standard	802.3af
	Power Consumption	4.5 Watts (Max.)
Physical	Dimension(LxWxH)	112.5x112.5x88mm (4.4x4.4x3.5in)
	Net Weight	700g
Environment	Waterproof	IP66
	Vandalproof	IK10
	Operating Temperature	-10°C ~ 60°C (14°F ~ 140°F)
	Operating Humidity	10% ~ 80% non-condensing
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Storage Humidity	0% ~ 90% non-condensing
Certification	CE, FCC, IC, IP66, ROHS	

For other parts, please refer to the “FOSCAM Camera User Manual”