

User Manual

Wi-Fi Floodlight Security Camera



Model: FLC/F41

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1 Overview

1.1 Key Features

- ◆ 4.0 Megapixels Resolution
- ◆ H.264+/H.264 video Compression
- ◆ Supports Human detection & PIR detection
- ◆ Floodlight brightness up to 2600lum
- ◆ Wide Angle lens, diagonal Angle up to 156°
- ◆ Compatible with free Foscam Video Management Software
- ◆ Compatible with free Foscam iOS and Android APP
- ◆ Support 2.4GHz&5GHz dual-band WiFi
- ◆ Built-in IR LED, has excellent night vision image
- ◆ Supports HDR
- ◆ Supports 256GB Micro SD Card storage(External)
- ◆ P2P Feature for Easy Remote Access
- ◆ Supports image snapshot
- ◆ Supports dual-stream
- ◆ Supports remote viewing & record from anywhere anytime
- ◆ Multi-level users management with password protection
- ◆ Supports multiple network protocols: IP, TCP, UDP, SMTP, FTP, DHCP, RTSP
- ◆ Supports Alexa
- ◆ Supports Google Home

1.2 Read before Use

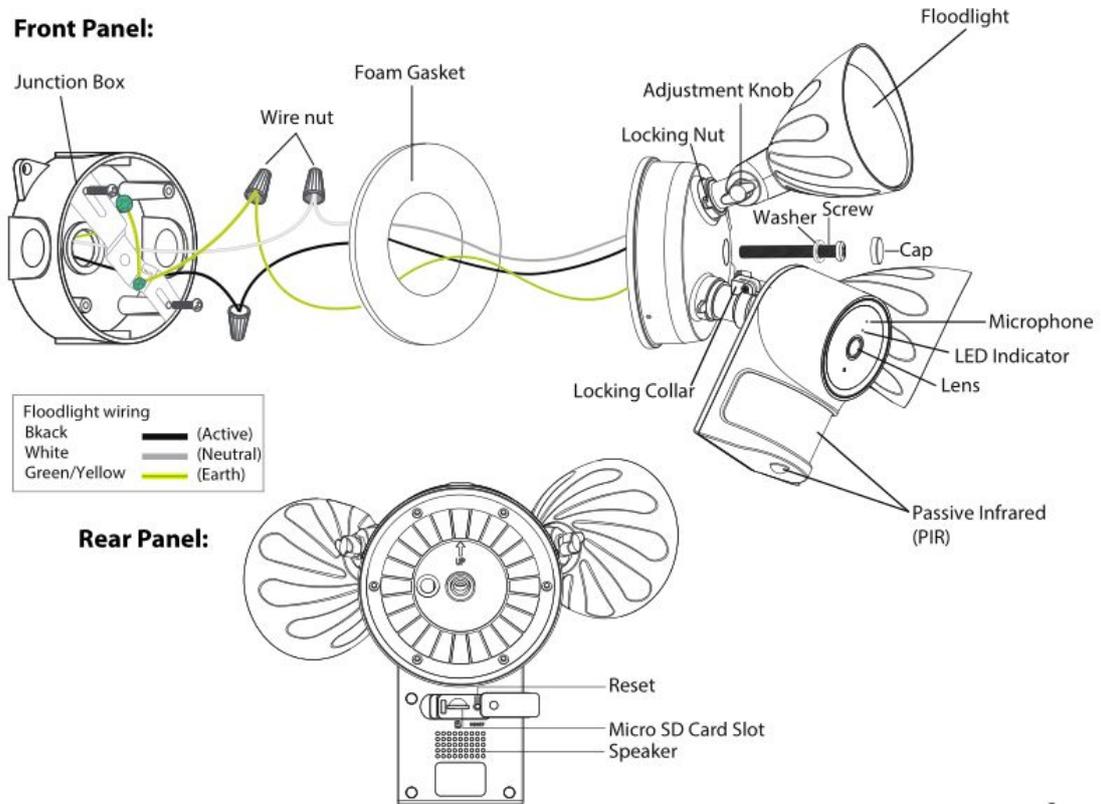
Please first verify that all contents received are complete according to the Package Contents listed below. Before the Network Camera is installed, please carefully read and follow the instructions in the Quick Setup Guide to avoid damage due to faulty assembly and installation. This also ensures the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

1.3 Packing Contents

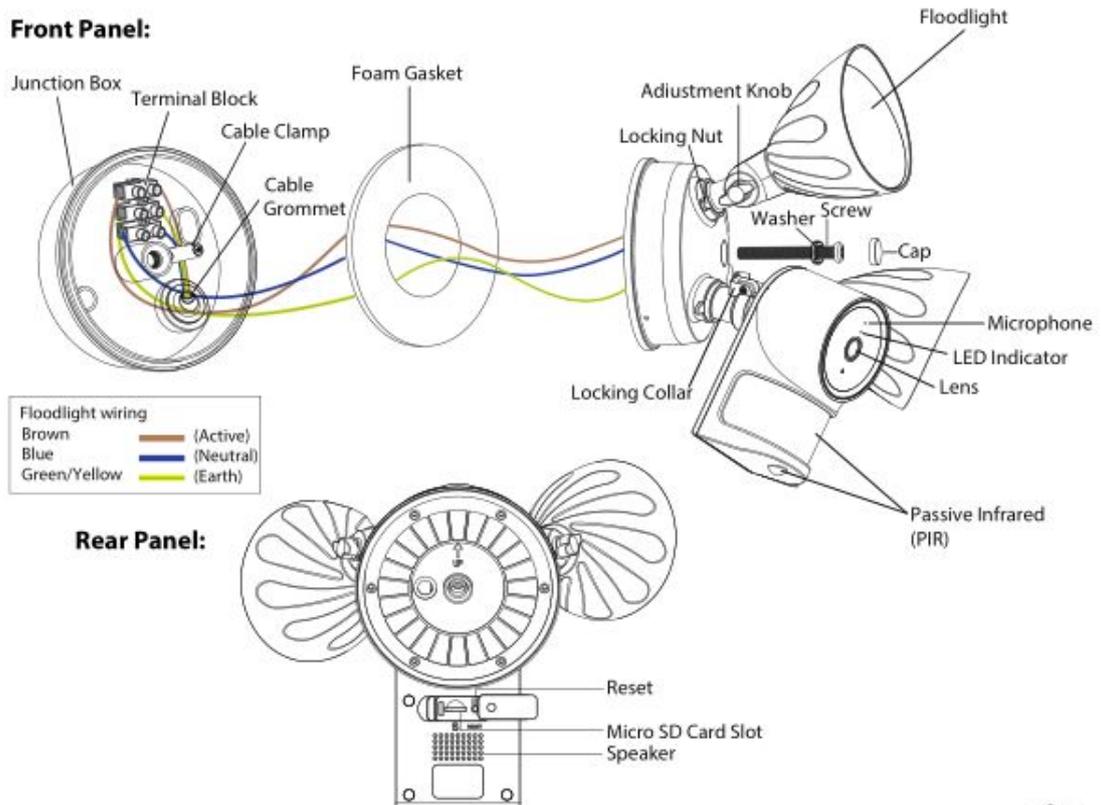
● Floodlight Camera× 1	● Junction Box × 1 (EU)
● Foam Gasket × 1	● Expansion Screws× 1
● Quick Setup Guide × 1	● Power Adapter × 1
● Installation Hook× 1	

1.4 Physical Description

UK:



EU:



Junction Box: Used with floodlight camera wiring

Foam Gasket: Post it behind the floodlight camera

Locking Nut: Adjust the horizontal direction of the Floodlight.

Adjustment Knob: Adjust the direction of the floodlight vertically.

Floodlight: Floodlight brightness up to 2600lum.

Washer: Lock the floodlight camera with screws.

Screw: Lock the camera.

Cap: After the screw is installed, it is used to plug the screw hole.

Locking Collar: Adjust camera angle.

Microphone: Built-in Microphone.

Lens: Fixed focus lens.

LED Indicator: Infrared LED for night vision.

Passive Infrared motion sensor: The Passive Infrared motion sensor is electronic devices which are used in some security alarm systems to detect motion of an infrared emitting source, usually a human body.

Reset: Press and hold on the reset button for 10 seconds. Releasing the reset button, the password will back to the factory default administrator password.

Micro SD Card slot: Supports up to 128GB SD card for storing the video.

Speaker: Built-in speaker.

1.5 SD Card Management

This camera supports Micro SD Card.

When you plug in the SD card during the camera work process, please reboot the camera again, or else the SD card might not work well.

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

1.6 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**.

1.7 Installation

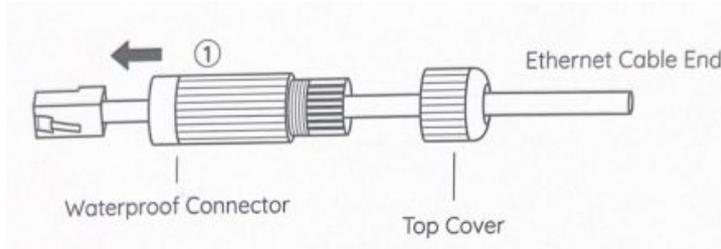
Please refer to the **Quick Setup Guide**.

Note: Make sure you have installed the Foscam App, and have scanned the camera QR code and completed the "add device" process in the app before beginning the hardware installation process.

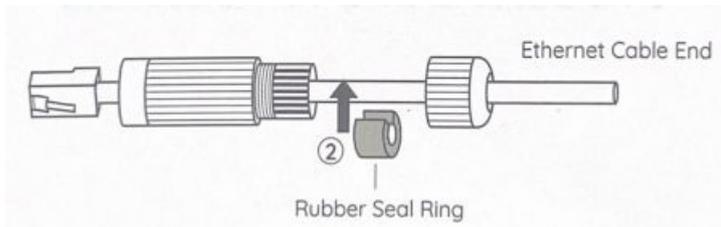
1.8 Waterproof Lid Installation Guide

When mounting your 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.

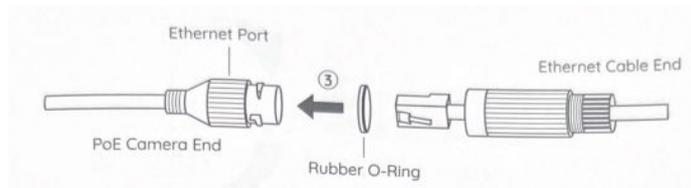


2. Put the rubber seal ring around the Ethernet cable between the top cover and the waterproof connector.

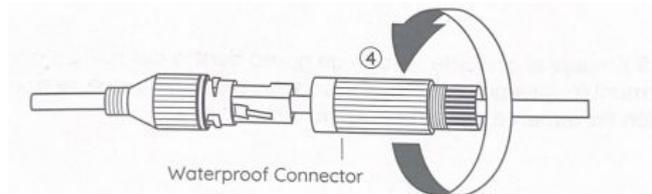


Note: The rubber seal ring provided has been cut. If not, you may manually cut it.

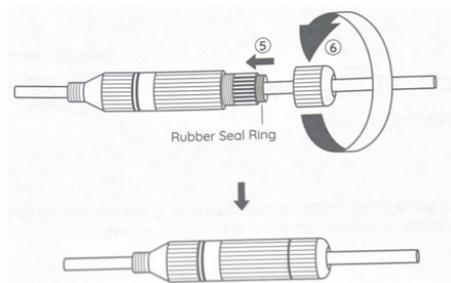
3. Put on the rubber O-ring to the Ethernet port of the camera and plug the Ethernet cable into the Ethernet port.



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

	ITEMS	F41
Floodlight	Security Light	2600lum(Two Floodlights),Adjustable brightness
	Power Consumption	25W(Two Floodlights)
	Color Temperature	6500K
	Lamp Body Material	Aluminum alloy
Image Sensor	Sensor Type	High Definition Color CMOS Sensor
	Display Resolution	4.0Megapixels(2560*1440)
	Min. Illumination	0 Lux (With IR Illuminator)
Lens	Lens Type	f.2.8mm; F2.4
	Angle of view	Diagonal: 116°, Horizontal: 100°, Vertical: 55°
Video	Image Compression	H.264+/H.264
	Image Frame Rate	Max 25fps (4MP)
	Resolution	2K(2560*1440) 25fps,1080P(1920x1080) 25fps,720P(1280 x 720)
	Flip Image	Flip and mirror
	Night Mode	Manual and automatic modes
	Night Visibility	10m
Audio	Input/Output	Build-in mic and speaker,support full duplex 2-way Audio
	Audio Compression	AAC
	Siren	Support Alarm Siren
PIR	PIR Detection	Built-in 4PCS PIR sensor, detection Angle up to 270°
Network	Ethernet	One 10/100Mbps RJ45 port
	Wireless Standard	IEEE802.11b/g/n/ac
	Wireless Security	WPA, WPA2
	Remote Access	P2P
	Wifi configuration mode	Support scan QR code , sound wave to add camera
	Network Protocol	IP, TCP, UDP, SMTP, FTP, RTSP
System Requirements	Operating System	Microsoft Windows (Foscam VMS), MacOS (Foscam VMS), Android (Foscam app), iOS (Foscam app)
Other Features	Light Control	Manual switch or alarm linkage, support the adjustment of light brightness

	Motion Detection	Alarm via E-Mail, FTP and Foscam app when an event is detected
	Sound 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
	PIR Detection	Built in 4pcs PIR Sensor(270°/30ft),Supports sensitivity and range adjustment
	Privacy Block	Yes
	HDR	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
	Cloud	Support cloud storage
LED	Indicator LED	Blue&Red
Power	Power Supply	AC100~240V
	Power Consumption	28Watts (Max.)
Physical	Dimension(LxWxH)	320(L)x 170(W)x220(H) (W)mm
	Net Weight	1260g
Accessories	Installation Kit	EU or US installation kits are matched depending on the specific region
Environment	Waterproof	IP65
	Operating Temperature	-20°C~ 60°C (-4°F ~ 140°F)
	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, UL, ERP, RoHS,WEEE	

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