

# ***User Manual***

## **Foscam 2K Starlight Outdoor Wi-Fi IP Security Camera**



Model: G4C

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# Security Warning

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- Please change the password of your doorbell regularly, using a combination of numbers, letters and special characters.
- We recommend that you regularly update your doorbell to the latest available software and firmware versions to help ensure the best experience for your camera.

# 1 Overview

Welcome to use our product, Foscam Camera. Foscam Camera is an IP camera integrated with color low illumination CMOS sensor, which can be viewed in high definition. It combines a high quality digital video camera, with a powerful free Foscam Video Management Software, to bring clear video to your desktop from anywhere on your network or over the APP.

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 the industry-standard H.265 compression technology, drastically reducing file sizes and conserving valuable network bandwidth.

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

## 1.1 Key Features

- ◆ 4MP Quad HD Waterproof IP Camera
- ◆ Supports WPA and WPA2 Encryption
- ◆ Supports Human detection and Motion Detection
- ◆ P2P Feature for Easy Remote Access
- ◆ H.265/H.264 video Compression
- ◆ Support 2.4GHz&5GHz dual-band WiFi
- ◆ Supports image snapshot
- ◆ Supports dual-stream
- ◆ Built-in 2pcs Spotlight and IR LED, has excellent night vision image
- ◆ Provide clear colorful video in the low illumination condition
- ◆ Supports HDR
- ◆ Night Vision Range up to 20m(66 feet)
- ◆ Supports remote viewing & record from anywhere anytime
- ◆ Multi-level users management with password protection
- ◆ Supports multiple network protocols: IP、TCP、UDP、SMTP、FTP、RTSP
- ◆ Providing Video Management Software to manage or monitor multi-cameras
- ◆ Supports Alexa
- ◆ Supports Google Assistant

## 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

• Camera× 1	• Ethernet Cable× 1
• Quick Setup Guide × 1	• Power Adapter × 1
•Expansion Screws× 1	• Wi-Fi Antenna * 1

### 1.4 Physical Description



- 1 **WIFI Antenna:** Wireless Antenna
- 2 **LENS:** All Glasses Material
- 3 **Infrared LED:** 2pcs Spotlight and IR LED
- 4 **Light Sensor**

#### 1.4.2 Interface



## 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 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.

## 3 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.

## 4 Power Interface

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

## 5 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.

# 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 may be cannot work well.

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

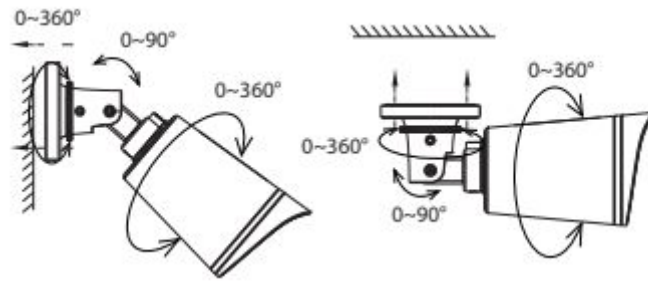
Scan the QR code below to download and install the Foscam APP.



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

# 1.7 Installation

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



Point the camera at the desired location and use the screws provided to mount it.

**Please Note:**

Ensure that rain or water will not reach the connector ports at the end of the pig tail wiring. These connectors are not weather-resistant.

## 2 Default Parameters

**Default network parameters**

IP address: obtain dynamically

Subnet mask: obtain dynamically

Gateway: obtain dynamically

### 3 Specification

ITEMS		G4C
Spotlight	Color temperature	3000K
Image Sensor	Sensor	1/1.8" CMOS
	Display Resolution	2K (2560*1440)
	Frame Rate	25fps (2K) /25fps (1080P / 720P 15ps, downward adjustable
	Min. Illumination	0 Lux (With IR Illuminator)
Lens	Lens Type	f:4.9mm,F1.65
	Angle of view	Horizontal:89° Diagonal : 101.5° Vertical:51°
Video	Image Compression	H.265/H.264
	Resolution	2K(2560*1440) 25fps,1080P(1920x1080) 25fps,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 2pcs Spotlight and IR LED, Night Vision Range up to 20m
Audio	Input/Output	External RCA interface for Full Duplex two-way audio
Network	Ethernet	One 10/100Mbps RJ45 port
	Wireless Standard	IEEE802.11b/g/n/ac
	Data Rate	IEEE802.11b: 11Mbps(Max.); IEEE802.11g: 54Mbps(Max.); IEEE802.11n: 150Mbps(Max.). IEEE802.11ac: 433Mbps(Max.).
	Wireless Security	WPA, WPA2
	Remote Access	P2P
	Network Protocol	IP、TCP、UDP、SMTP、FTP、RTSP
Other Features	Motion Detection	Alarm via E-Mail, upload alarm snapshot to FTP,mobile app
	Human Detection	Alarm via E-Mail, upload alarm snapshot to FTP,mobile app
	User Accounts	Three levels user role
	Storage	Support max 256G Micro SD card, local and FTP storage,Foscam cloud storage
	Privacy Block	Yes
	Firewall	Supports IP Filtering
	Reset	Reset button is available
	Intelligent Assistant	Supports Alexa, Google Assistant
Power	Power Supply	DC 12V/1.0A
	Power Consumption	6 Watts (Max.)



<b>Physical</b>	Dimension(LxWxH)	97(L)x67 (W)x64 (H)
	Net Weight	375g
<b>Environment</b>	Waterproof	IP66
	Operating Temperature	-20°C~ 60°C (-4°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
<b>Certification</b>	FCC、CE、RoHS、WEEE、IP66	
<b>Warranty</b>		

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