

# ***User Manual***

**2K/QHD Wireless IP Camera**



**Model: X4**

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# 1 Overview

## 1.1 Key Features

- ◆ 4.0 Mega-Pixel
- ◆ H.264+/H.264 video Compression
- ◆ Supports 2.4GHz and 5GHz network
- ◆ Supports Human detection, Motion Detection and Sound Detection
- ◆ Compatible with free Foscam Video Management Software
- ◆ Compatible with free Foscam iOS and Android APP
- ◆ Supports Full Duplex two-way Audio
- ◆ Nightvision with 940nms LEDs, no light pollution
- ◆ Supports voice prompt
- ◆ Supports 256GB Micro SD Card storage(External)
- ◆ IR Range up to 8m(26ft)
- ◆ 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 Assistant

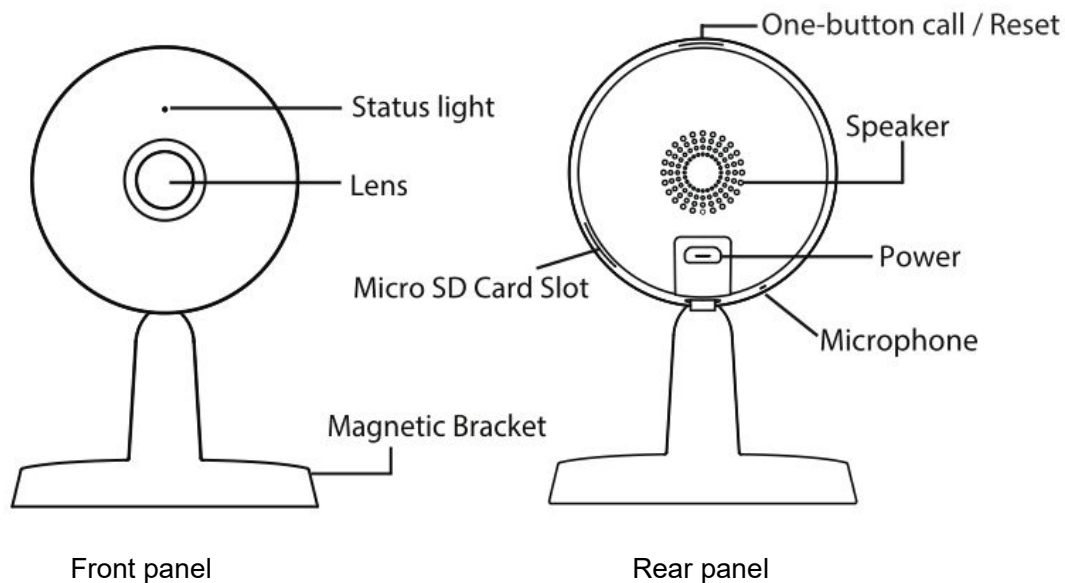
## 1.2 Read before Use

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

● IP Camera × 1	● AC Adapter × 1
● Quick Setup Guide × 1	● Power Line × 1
● mounting plate × 1	

## 1.4 Physical Description



### Front panel:

Status light: The flashing status of the Status light are shown in the following table.

Flashing Status	Description
Constantly bright (orange)	Powered on
Flashing(blue) every 0.4 seconds	Reset to take effect
Constantly bright (blue)	Wi-Fi connected
Flashing every(blue) 0.4 seconds and keep on 3 seconds	One-button call
Flashing every(blue) 0.2 seconds	EZLink takes effect

Lens: Fixed focus lens.

Magnetic Bracket: Adsorbing on a ferromagnetic object using a magnet on the base

### Rear panel:

One-button call /Reset

One-button call: Press and hold the button for 1 to 5 seconds to trigger One-button call, the status light will blink every 0.4 seconds and keep on 3 seconds;

Reset: Press and hold the Reset button for more than 10 seconds to set the camera to factory default, the Power light will blink every 0.4 seconds;

Speaker: Built-in speaker

Power: DC 5V/1A Power supply.

Microphone: Built-in microphone.

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

## 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.

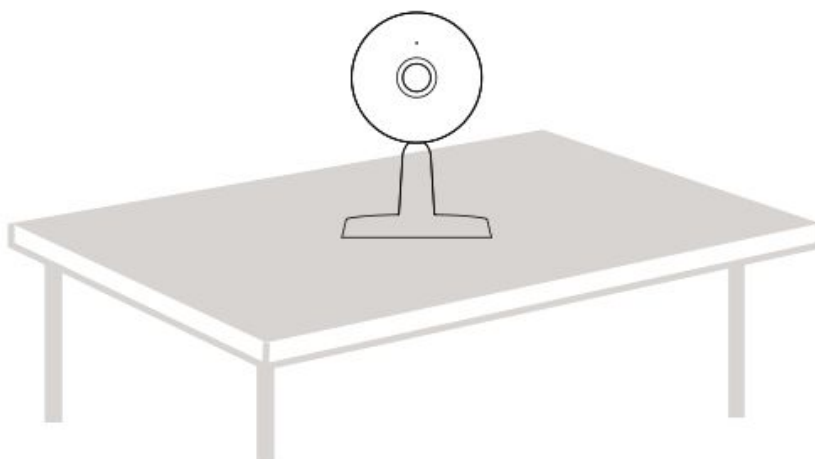


Please refer to the **Quick Setup Guide**.

## 1.7 Installation

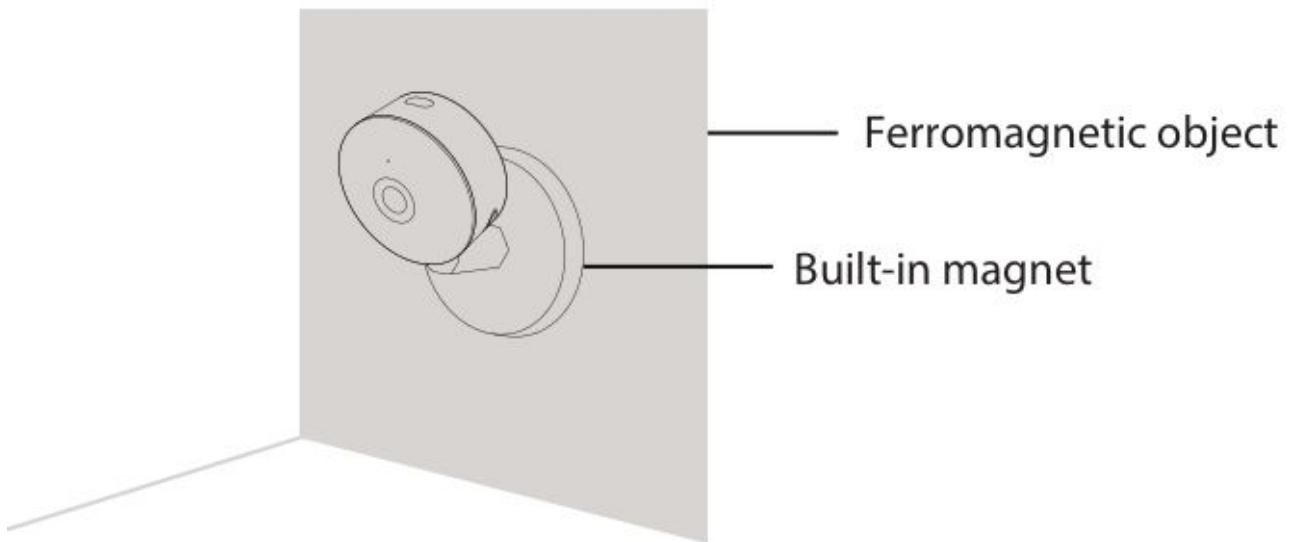
Please refer to the **Quick Setup Guide**.

### 1.7.1. Place Your Camera on a Flat Surface



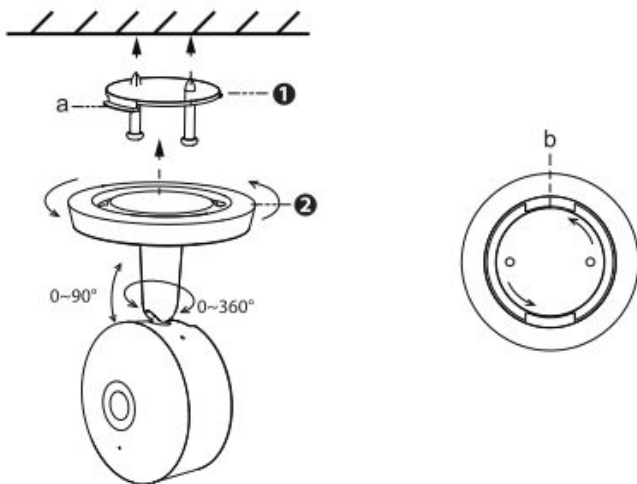
You can place your camera on a flat surface (desk, shelf, Table, etc.).

### 1.7.2. Adsorbing on a ferromagnetic object using a magnet on the base



You can Adsorbing on a ferromagnetic object using a magnet on the base

### 1.7.3. Your Camera to the Wall



Install the mounting plate on a wall or ceiling with supplied fixing screws.

Note: Align points a and b to insert the camera base to the mounting plate. Rotate so that points a and b are aligned, this attaches the camera securely to the base.

## 2 Default Parameters

### Default network parameters

IP address: obtain dynamically

Subnet mask: obtain dynamically

Gateway: obtain dynamically

## 3 Specification

ITEMS		X4
Image Sensor	Sensor Type	High Definition Color CMOS Sensor
	Display Resolution	4.0Megapixels(2560*1440)
	Min. Illumination	N/A (Without IR Illuminator)
Lens	Lens Type	f 3.14mm; F2.2
	Angle of view	Diagonal: 116.6°, Horizontal: 97.2°, Vertical: 52.6°
Video	Image Compression	H.264+/H.264
	Image Frame Rate	Max 25fps (2K)
	Resolution	2K(2560*1440) 25fps,3MP(2304x1296)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	9pcs IR-LEDs (940nm)
	Night Mode	Manual and automatic modes
	Night Visibility	8m
Audio	Input/Output	Build-in two-way audio
	Audio Compression	PCM/ G.726
Network	Ethernet	N/A
	Wireless Standard	2.4GHz&5GHz,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
	Wifi Configuration Mode	Support scan QR code , sound wave to add camera
	Network Protocol	IP, TCP, UDP, 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

	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
	Privacy Block	N/A
	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
	User Accounts	Three levels user role
	One-button call	Press the button to call the mobile phone
<b>Power</b>	Power Supply	Micro USB 5V/1.0A
	Power Consumption	5 Watts (Max.)
<b>Physical</b>	Dimension(LxWxH)	70(L)x70 (W)x120 (H)
	Net Weight	165g
<b>Environment</b>	Waterproof	N/A
	Operating Temperature	-10°C~ 40°C (14°F ~ 104°F)
	Operating Humidity	20% ~ 85% non-condensing
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Storage Humidity	0% ~ 90% non-condensing
<b>Certification</b>	CE, FCC, RoHS,WEEE	

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