

# ***User Manual***

## **Indoor FHD IP Camera**



**Model: R4M R4S**

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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
- ◆ Supports voice prompt
- ◆ Supports 256GB Micro SD Card storage(External)
- ◆ IR Range up to 10m (33ft)
- ◆ 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

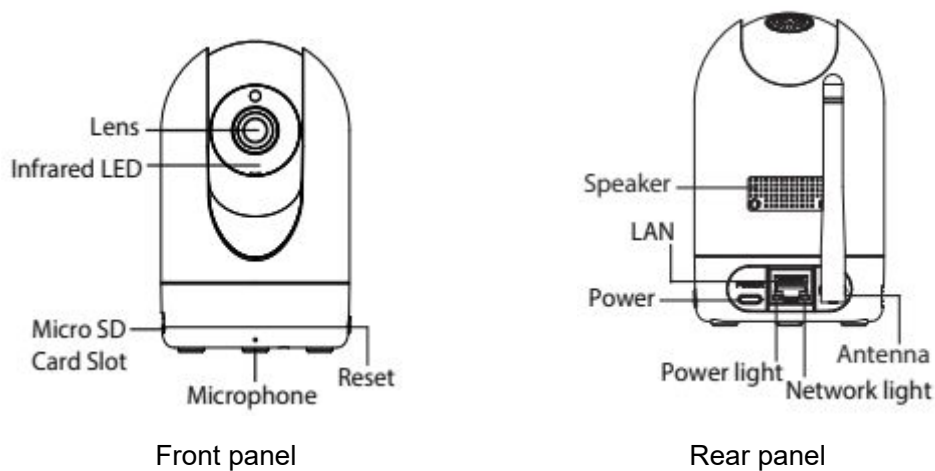
## 1.2 Read before Use

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

● Camera× 1	● Ethernet Cable× 1
● Quick Setup Guide × 1	● Expansion Screws× 1
● Power Supply × 1	● Mounting bracket×1

## 1.4 Physical Description



### Front panel:

- LENS: Fixed focus lens.
- Infrared LED: Infrared LEDs for night vision.
- Microphone: Built-in microphone.
- Micro SD Card slot: Supports up to 128GB SD card for storing the video.
- Reset: Reset: Push 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;

### Rear panel:

- LAN: 10/100 Mbps RJ-45 port for wired connection
- Power: DC 5V/1A AC Adapter.
- Speaker: Built-in speaker
- Antenna: Used to connect external wireless antenna

The flashing status of the Power light and Network light are shown in the following table.

Light	Flashing Status	Description
Power light	off	The power don't work properly.
	on	The power supply works fine.
	Flashing every 0.4 seconds	Reset to take effect
Network light	off	No Wireless connection
	Constant Flash	Wired connection
	Slow Flash every 1.0 second	Wi-Fi connected
	Flashing every 0.2 seconds	EZLink takes effect

## 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

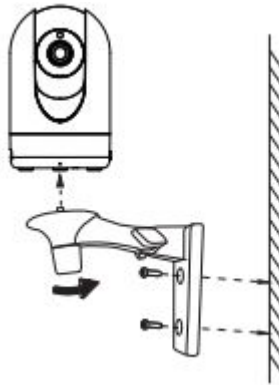
Scan the QR code below to download and install the Foscam APP.



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

## 1.7 Installation

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



1. Screw the mount on the wall with the two screws provided.
2. Loosen the thumb screws to adjust the mount to the desired position. Once the position is set, tighten the screws securely.

## 2 Default Parameters

### Default network parameters

IP address: obtain dynamically

Subnet mask: obtain dynamically

Gateway: obtain dynamically

### 3 Specification

ITEMS		R4M V5
Image Sensor	Sensor Type	High Definition Color CMOS Sensor
	Display Resolution	4.0Megapixels(2560x1440)
	Min. Illumination	0 Lux (With IR Illuminator)
Lens	Lens Type	f 3.14mm; F2.2
	Angle of view	Diagonal: 108°, Horizontal: 93°, Vertical: 52°
Video	Image Compression	H.264+/H.264
	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	Automatic or manual
	Pan/Tilt Angle	Horizontal:350° & Vertical: 100°
	Night Visibility	13pcs IR-LEDs, night vision range up to 8 metres
Audio	Input/Output	Supports Full Duplex Two-way Audio Built-in Mic & Speaker
	Audio Compression	PCM/G.726
Network	Ethernet	One 10/100Mbps RJ45 port
	Wireless Standard	2.4G/5G dual-band, 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
	Network Protocol	IP, TCP, UDP, SMTP, FTP, DHCP, RTSP
	Remote Access	P2P
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
	WDR	Improve image clarity in complex scenario
	Zoom	6x digital zoom function
	User Accounts	Three levels user role
	Storage	Support max. 256GB Micro SD card, local and FTP storage,Foscam cloud storage
	Intelligent Assistant	Supports Alexa, Google assistant

<b>Power</b>	Power Supply	DC 5V/1.5A
	Power Consumption	<4.8W
<b>Physical</b>	Color	Black/White
	Dimension(mm)	74(L)×74(W)×119(H)
	Net Weight	290g
<b>Environment</b>	Operating Temperature	-10°C ~ 40° (14°F ~ 104°F)
	Operating Humidity	20% ~ 85% non-condensing
	Storage Temperature	-20°C ~ 60° (-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”**