

Picture

Model
W437
Video & Audio

Image Sensor

1/2.8" CMOS sensor

Resolution

3840 x 2160 (8 megapixels) @15fps

Lens

f=2.7-13.5mm, Max: F1.6

Video Compression

H.265

Zoom

5X optical zoom

Field of View

Horizontal: 105°- 31°

Vertical: 55°- 17°

Infrared Night Vision

Up to 30 meters (100ft); LED: 4pcs/2.8W/850nm
(Auto-switching with IR-cut filter)

Color Night Vision

With spotlights: 2pcs/3.2W/6000K

Frame Rate

Main stream: 2fps - 20fps (default: 15fps)

Sub stream: 4fps - 15fps (default: 10fps)

Code Rate

Main stream: 1024Kbps - 6144Kbps (default: 4096Kbps)

Sub stream: 64Kbps - 512Kbps (default: 256Kbps)

Audio

Two-way audio

Power Requirements

DC Power

DC 12.0V~1A, <12W

Power Port

DC power port

Interface

Ethernet Port

One 10M/100Mbps; RJ45

SD Card Slot

Supports Max. 256GB microSD card

Reset Button

YES

Audio In/Out

Built-in microphone and speaker

Wi-Fi

Wireless Standard

IEEE 802.11 a/ac/b/g/n

Operating Frequency

2.4GHz/5GHz

Wireless Security

WPA/WPA2

Software

Browsers Supported

Edge, Chrome, Firefox, Safari

OS Supported

PC: Windows, Mac OS; Smartphone: iOS, Android

Protocols & Standards

HTTPS, SSL, TCP/IP, UDP, IPv4, UPnP, RTSP, RTMP, ONVIF, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P

User Access

Max. 20 users (1 admin & 19 user);
Max. 12 simultaneous streams (2 main & 10 sub streams)

Other Features

Smart Alarm

Motion detection; person detection; vehicle detection; animal detection

Recording Modes

Motion-triggered recording (default); Scheduled recording, 24/7 recording

Time Lapse

YES

Smart Home Compatibility

Google Assistant

Working Environment

Operating Temperature

-10°C~+55°C (14°F~131°F)

Operating Humidity

10% ~ 90%

Weatherproof

IP67

Dimensions

Φ132.7 x 98.3mm

Mechanical

Weight (Battery Included)

754g

Warranty

Limited Warranty

2-year limited warranty. For support, visit <https://support.reolink.com/hc/en-us/>.