

# Reolink

## REOLINK P840 SMART 4K PTZ POE SECURITY CAMERA WITH 5X OPTICAL ZOOM



### Overview

#### Why Reolink P840 ?

The Reolink P840 is a 4K PTZ (Pan-Tilt-Zoom) PoE (Power over Ethernet) security camera designed to provide comprehensive surveillance with high-resolution imaging and versatile features

**High-Resolution** Imaging

**5X** Optical Zoom

**Two-Way Audio** Communication

**Pan** and **Tilt** Capabilities

**Auto Tracking**

Color Night Vision

**Smart Home** Integration

Flexible Storage Options

**Weatherproof** Design

**Time Lapse** stunning time-lapse videos through

#### Contact Us

[www.reolink.com](http://www.reolink.com)

4K

#### 4K Resolution

See every detail with this 4K battery camera, whether you're monitoring your home, yard, or business.



#### AI Analysis

The algorithm analyzes significant movement patterns, ensuring that you receive alerts. motion detection; person detection; vehicle detection; animal detection



#### Color Night Vision

Equipped with spotlights, it delivers full-color live feeds day and night. Black & white night vision supported by IR LEDs is also available.



#### Auto-Tracking

Automatically pan 355°, tilt 50° to focus on the moving target



#### Two-Way Audio

Real-time communication with built-in mic & speaker.



#### Time Lapse

Watch long-term processes like birthdays, plant growth, and construction in an enjoyable short video

## Pan, Tilt & ZOOM 360° Big Coverage



## Flexibel Storage Options

microSD Card  
Up to  
**256GB**



Works with  
Reolink NVR/FTP/NAS  
**24/7**  
Recording

## 5x 3D Optical Zoom



5x Optical Zoom



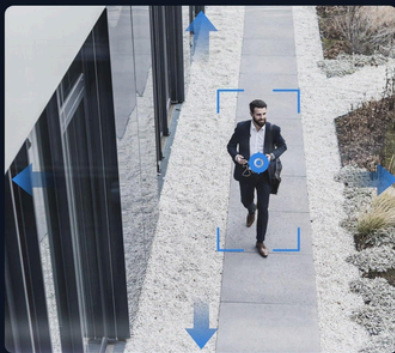
3D Zoom



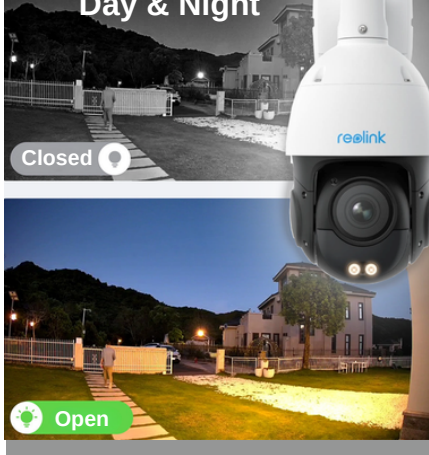
## Auto Tracking & Preset Points

**1.4°-90°/s**  
Pan (Horizontal)

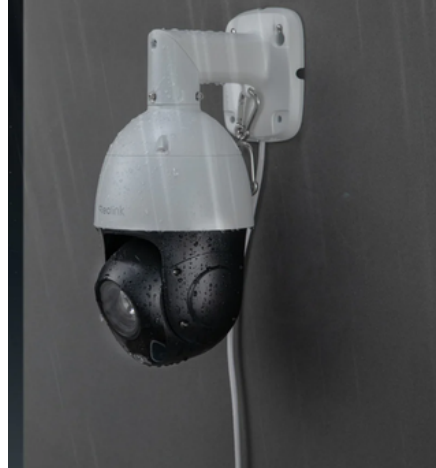
**1.4°-56°/s**  
Tilt (Vertical)



## 4K Colorful Videos Day & Night



## Weatherproof Design



## Smart Person / Vehicle Animal Detection



## Video & Audio

### Image Sensor

1/2.8" CMOS sensor

### Resolution

3840x2160 (8 megapixels)  
@25fps

### Lens

f=2.7-13.5mm/Max. F1.6

### Video Compression

H.264/H.265

### Zoom

5x Optical zoom

### Field of View

Horizontal: 100°-31°  
Vertical: 55°-17°

### Infrared Night Vision

Up to 60 meters(196ft); LED:  
7pcs/Max 5.5W/850nm (Auto-  
switching with IR-cut filter)

### Color Night Vision

With spotlights:  
2pcs/4w/4000K (Adjustable)

### Frame Rate

Main stream: 2fps - 25fps  
Sub stream: 4fps - 15fps

### Code Rate

Main stream: 2048Kbps -  
8192Kbps (default: 6144Kbps)  
Sub stream: 64Kbps - 512Kbps  
(default: 512Kbps)

### Audio

Two-way audio

## Pan&Tilt

### PT Angle(Max.)

Pan: 360°, Tilt: 90°

### Pan Speed

1.4°-90°/s (configurable)

### Tilt Speed

1.4°-56°/s (configurable)

### Preset Points

Supports 1 guard position &  
up to 64 preset positions

### Patrol

Supports 1 patrol; up to 16  
presets per patrol

### Power-off Memory Function

Supports

### Auto Tracking

Yes

## Interface

### Power Port

DC power port

### Ethernet Ports

One 10M/100Mbps; RJ45

### SD Card Slot

Supports Max. 512GB  
microSD card

### Reset Button

YES

### Audio In/Out

Built-in microphone and  
speaker

## Software

### Browsers Supported

Edge, Chrome, Firefox, Safari

### OS Supported

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

### Protocols & Standards

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

### User Access

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

## 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

## Power

### PoE

IEEE 802.3at, 48V, active

### DCDC

12V=2A, <24W

## Working Environment

### Operating Temperature

-10°C~50°C (14°F~126°F)

### Operating Humidity

10% ~ 90%

### Weatherproof

IP66

## Mechanical

### Dimensions

373\*177\*140mm (Ceiling  
Mount)

### Weight

2.34kg

## Warranty

### Limited Warranty

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



- |                     |                       |                    |
|---------------------|-----------------------|--------------------|
| 1 . Bracket         | 5 . Spotlight         | 1 . Power          |
| 2 . Daylight Sensor | 6 . Reset Button      | 2 . Network        |
| 3 . Lens            | 7 . microSD Card Slot | 3 . Waterproof Lid |
| 4 . 7 IR LEDs       | 8 . Speaker           |                    |