Reolink

P850

4K PoE Security Camera with 16X Optical Zoom, Pan & Tilt, Auto Tracking, Color Night Vision, Smart Detection, etc.

- 16X Optical Zoom
- 360° Coverage in 4K UHD
- Auto Tracking

Specifications

Video & Audio	
Image Sensor	1/2.8" CMOS sensor
Resolution	3840x2160(8 Megapixels)@25FPS
Lens	f=5.3-86mm/Max F1.6vvvvvvvvvvvvvvvvvv
Video Compression	H.265/H.264
Zoom	16X
Field of View	Horizontal: 54.2°-3.6° Vertical: 41.7°-2.1°
Infrared Night Vision	Up to 80 meters(260ft); LED: 7pcs/Max 5.5W/850nm (Auto-switching with IR-cut filter)
Color Night Vision	With spotlights: 2pcs/4w/4000K (Adjustable)
Frame Rate	Mainstream: 2fps - 25fps (default: 25fps) Substream: 4fps - 15fps (default: 10fps)
Code Rate	Mainstream: 2048Kbps - 8192Kbps (default: 6144Kbps)

	Substream: 64Kbps - 512Kbps (default: 256Kbps)
Audio	Two-way audio
Power	
PoE	IEEE 802.3at, 48V, active
Power Requirements	
DC Power	DC 12V 2A, <24W
Interface	
Power Port	DC power port
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
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	Suppots 1 guard position & up to 64 preset positions
Patrol	Supports 1 patrol; up to 16 presets per patrol
Power-off Memory Function	YES
Auto Tracking	YES
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
Time Lapse	YES
Smart Home Compatibility	Google Assistant
Software Features	
Recording Modes	Motion-triggered recording (default); Scheduled recording, 24/7 recording
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/.

Gallery & Specs



1. Bracket
2. Daylight Sensor
3. Lens
4. IR LED
5. Spotlight
6. Reset Button
7. microSD Card Slot
8. Speaker





1. Power Port
2. Network Port
3. Waterproof Lid