

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 F1.6vvvvvvvvvvvvvvvvvvvvvvv
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	
Power Requirements	DC 12V $\frac{23}{33}$ 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	Supports 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 Feature(s)	
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/ .