reolink

P850

Smart 4K PTZ PoE Camera with 16X Optical Zoom

16X Optical Zoom

Capture sharper close-ups from farther away.

3D Zoom

Zoom in on your selected area on the screen for greater details.

360° Coverage

Pan & tilt to cover every corner of your home without blind spots.

Auto Tracking

Automatically follow the detected target to keep it in view.

4K UHD

Capture ultra-clear details for a better visual experience.

Color Night Vision

See full-color visuals at night with its spotlights on.

Smart Detection

Get notified for people/vehicles/animals, reducing false alarms.

Two-Way Audio

Chat with visitors or send intruders away with your voice.

Power over Ethernet

Transmit data and power with only one Ethernet cable.

16X zoom

The World Unfolds in Sharp Focus

Coming with a 16X optical zoom lens, the camera can capture sharper close-ups from farther away. Your viewing is detailed and clear, even at a distance.

360°, 90°/s
Pan (Horizontal)

0° - 90°, 56°/s
Tilt (Vertical)

See it All with 360° Coverage

Pan and tilt capabilities provide a complete 360° view of your space without blind spots. Protect your property from end-to-end.

Auto Tracking

Once a person/vehicle/animal is detected, the camera will keep it in sight for however long it remains within the area.
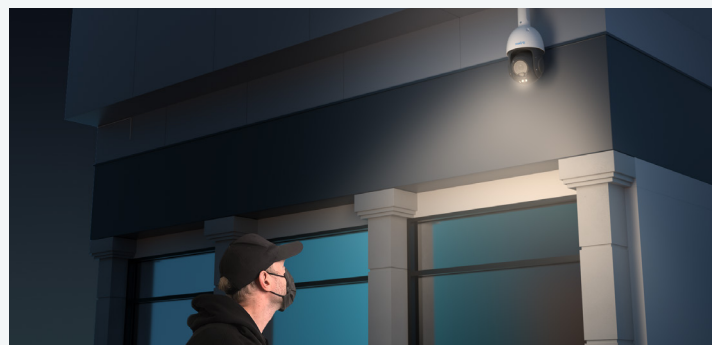

See the Night in Colors & Clarity

In addition to 4K stunning visuals, the camera also delivers color night vision with spotlights, or black & white vision with clarity up to 80m away.
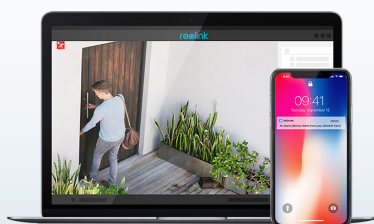

Focus on True Threats

Differentiate people, vehicles, and pets from other objects and send alerts straight to your phone, so nothing important goes unnoticed.

Gallery

Up To
256GB

One App/Client for All Control

Stay connected to your home or business anytime, anywhere.

Privacy in Your Hands

We made it a priority to ensure that your privacy is protected and your data is for your eyes only.

Model	P850	

Video & Audio	Image Sensor	1/2.8" CMOS sensor
	Resolution	3840x2160(8 Megapixels)@25FPS
	Lens	f=5.3-86mm/Max F1.6
	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 Requirements	PoE	IEEE 802.3at, 48V, active
	DC Power	DC 12V⎓2A, <24W

Pan & Tilt	PT Angle (Max.)	Pan: 360°, Tilt: 90°
	Pan Speed	1.4°-180°/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

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

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 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~+50°C (14°F~126°F)
	Operating Humidity	10% ~ 90%
	Waterproof	IP66

Mechanical	Dimensions	373*177*140mm (Ceiling Mount)
	Weight (Battery Included)	2.34kg

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

1	Bracket	2	Daylight Sensor	3	16X Optical Zoom Lens
4	7 IR LEDs	5	Spotlight	6	Reset Button
7	microSD Card Slot	8	Speaker		

| 1 | Power | 2 | Network | 3 | Waterproof Lid |

Best Companion

PoE Injector

microSD Card

Ethernet Cable

Waterproof Lid

Power Adapter 12V/2A

RLA-PS1

Reolink NVR

Download Free Reolink App & Client

Learn more: https://reolink.com/software-and-manual/

Remote Access & Control

Terms and Privacy: Use of the product is subject to your agreement to the Terms of Service and Privacy Policy at reolink.com. Keep out of reach of children.

Limited Warranty

Limited Warranty: This product comes with a 2-year limited warranty. Learn more: https://reolink.com/warranty-and-return/