Reolink

Professional Series

Smart Surveillance Solutions for Small and Medium Businesses

Retail|Offices|Houses and more

Cameras|Video Recorders|Software|Service

Series Highlights

- High Resolution
- Color Night Vision
- Wide Field of View
- HDR
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- AI Video Search
- Active Deterrence
- Two-Way Audio
- IP67 Weatherproof
- Metal Housing
- H.265/H.264 Video Compression
- Operating Temperature:-30℃-55℃
- 512GB microSD Card
- 24/7 recording

All In One Centralization

Easily oversee your entire business from a single interface and enjoy continuous, all-around protection hassle-free.

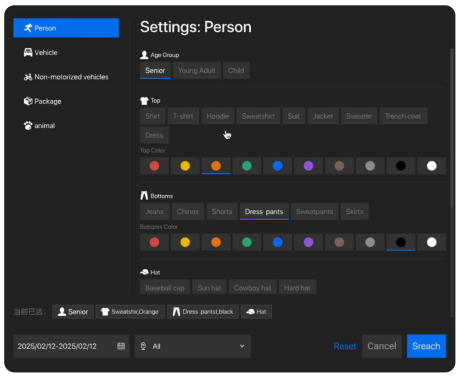
Solution Features

- High Reliability
- Easy to install and use
- 24/7 Stable Operation

AI Video Search

Open semantic retrieval—search AI-alerted videos with simple descriptions like 'person in white.' No more wasting hours manually reviewing footage.

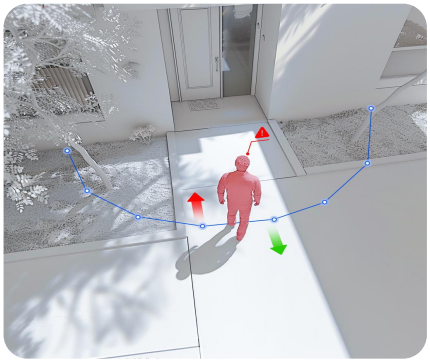
Structured Advanced Search* on NVR to quickly select the target features



Perimeter Protection

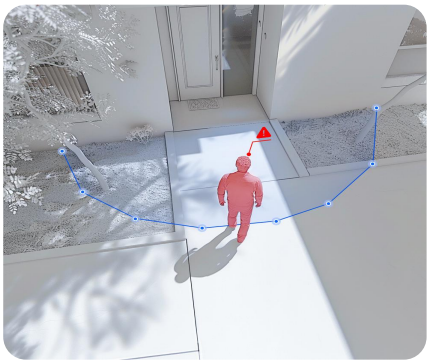
Line Crossing Alert

Alerts on Crossing Line



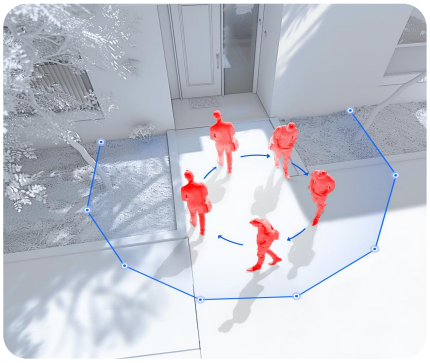
Zone Intrusion Alert

Alerts on Zone Intrusion



Zone Loitering Alert

Get Alerted by Loitering Threats

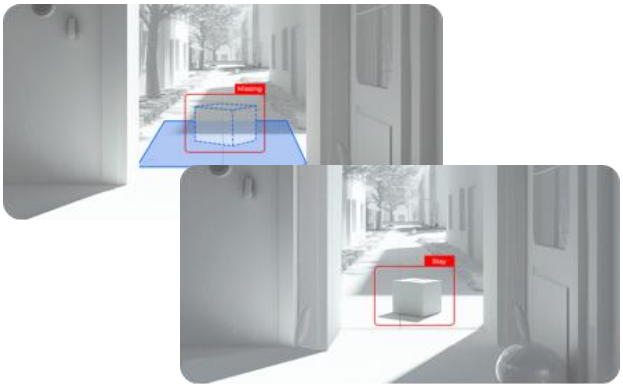


Person & Object Detection*

Receive alerts only for real concerns involving person, motor vehicle, animal, non-motorized vehicle, and package detection, eliminating false alarms.

Smart Event Detection (Beta)

Abnormal events detection includes Object Removal and Forgotten Object detection, enhancing situational awareness and security response.

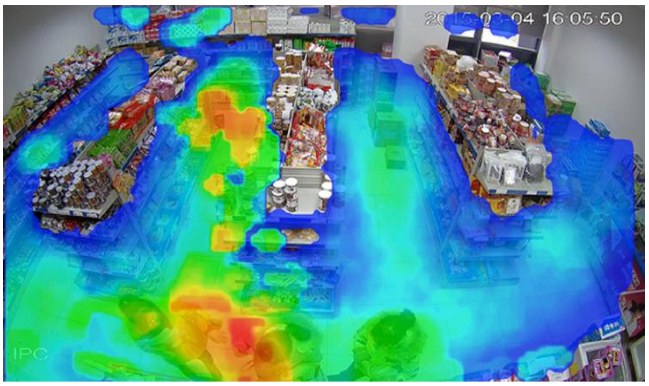


*Structured Advanced Search is supported on Reolink Professional Series NVRs
*Non-motorized Vehicle and Package detection are suppported on specified models

Customer Flow Analysis

Heat Map

Gain clear insights into visitor behavior with color-coded heat maps that reveal popular areas and dead zones to optimize layout and product placement by showing how people move and linger within your space.



People Counting*

Count the number of people crossing a line (entering, leaving, passing) within a specified time period in a custom area.

Zone Crowd Monitoring*

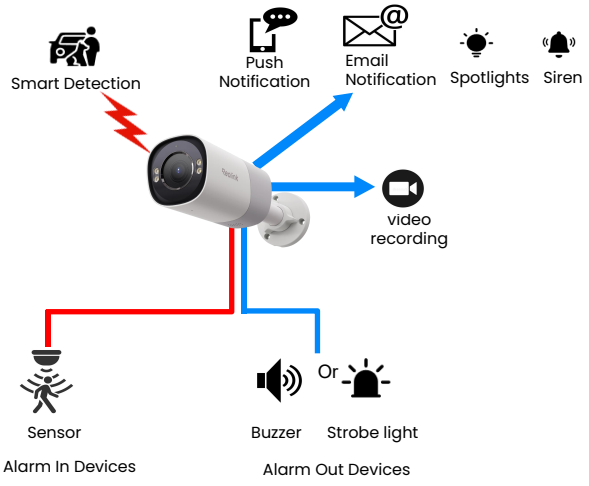
Count people in multiple predefined zones (density analysis): Detects crowd congestion levels in specified areas, triggering alerts based on person count or crowding severity.

Area Crowd Detection

Queue Management

* People Counting and Zone Crowd Monitoring may be in development and may vary from displayed images.

Flexible Alarm Integration



Input/Output Devices & Camera Linkage

- One Alarm input and One Alarm output
- Alarm in device triggers camera actions such as video recording, email notifications, push notifications, spotlights and siren activation.
- Camera smart detection triggers alarm out devices, like siren or strobe light.
- Alarm in device triggers alarm out device.

Why Need A Dual-Lens Panoramic Camera

180° Ultra Wide Angle, Minimize Blind Spots

Utilizing an advanced dual-image stitching algorithm, it combines images captured by the dual lenses to present a panoramic view free of distracting seams or disconnections. Now, bid farewell to blind spots.

Dual-Image Stitching Technology for Zero Distortion

Seamlessly Stitching images from two lenses, overcoming the distortion challenges by algorithm simulating human eyes visual effects.

Up to 16MP Resolution to See What Matters Clearly

Equipped with dual 4K sensors, the Reolink Professional series delivers groundbreaking 16MP Ultra HD clarity. Enhanced with smart detection, it ensures no suspicious activity goes unnoticed.

ColorX Night Vision

Colorx technology is a game-changer in low-light situations. with the F1.0 super aperture, an advanced 1/.8" sensor and the HDR technology, it turns extreme darkness into clear, colorful visuals, making nighttime surveilance as clear as daytime.

F1.0 Super Aperture

F1.0 aperture captures 4X more light than F2.0, providing unprecedented brightness and clarity.

Advanced 1/1.8" Sensor

1/1.8" sensor has a larger target surface for light capture and higher sensitivity to colors.

Powerful ISP Module

The advanced image-processing algorithm helps restore more details and natural colors.

Breakthrough Technology: Day and Night Confocal F1.0 Lens

The F1.0 lens with day-night confocality enhances light intake while integrating an infrared night vision function, enabling the camera to deliver both full-color and infrared imaging. This effectively resolves the issue of poor clarity in full-color cameras under extremely low-light conditions.

The camera with Day and Night Confocal F1.0 Lens provides ColorX full color night vision, black and white night vision, color night vision (Spotlight Mode) and smart mode - when people/vehicles/animals are detected at night, the light will be triggered to deter them. Customers can set it according to their needs.

Naked Eye Perspective

Spotlight Night Vision

ColorX Night Vision

Black & White Night Vision

Product Showcase

RP-PCB8M / RP-PCT8M

- 4K Resolution @25fps
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- 125° Ultra-Wide Diagonal Field of View
- Color Night Vision
- H.265/H.264
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- ONVIF

RP-PCB12M / RP-PCT12M

- 12MP Resolution @25fps
- AI Video Search
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- 123° Diagonal Field of View
- Color Night Vision
- H.265/H.264
- AI-ISP
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- ONVIF

RP-PCB8MZ / RP-WCB8MZ

- 4K Resolution @30fps (RP-PCB8MZ)
- 4K Resolution @25fps (RP-WCB8MZ)
- Dual Band Wi-Fi 6 (RP-WCB8MZ)
- 5X Optical Zoom
- AI Video Search
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- Color Night Vision
- AI-ISP
- HDR
- H.265/H.264
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- Alarm Input/ Output Interface
- ONVIF

RP-PCT8MD / RP-PCT16MD

- 8MP Resolution @30fps (RP-PCT8MD)
- 16MP Resolution @25fps (RP-PCT16MD)
- 180° Panorama
- AI Video Search
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- Color Night Vision
- H.265/H.264
- AI-ISP
- Motion Track (RP-PCT16MD)
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- ONVIF

RP-PCB8MX

- 4K Resolution @30fps
- ColorX Night Vision
- Spotlight and Infrared Support
- AI Video Search
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- AI-ISP
- HDR
- H.265/H.264
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- Alarm Input/ Output Interface
- ONVIF

RP-PN8 / RP-PN16

- 8 Ports POE (RP-PN8)
- 16 Ports POE (RP-PN16)
- Up to 16MP Resolution
- 240Mbps Input / Output Bandwidth (RP-PN8)
- 400Mbps Input / Output Bandwidth (RP-PN16)
- Support Maximum 32TB
- Remote Access
- Local Access
- 24/7 Recording
- H.265 / H.264
- File Encryption
- Heat Map
- Centralized Management
- ONVIF

Product Showcase

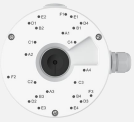
RP-PCV8MZ

- 4K Resolution @30fps
- 5X Optical Zoom
- AI Video Search
- Person & Object Detection
- Smart Event Detection (Beta)
- Perimeter Protection
- Color Night Vision
- AI-ISP
- HDR
- H.265/H.264
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- People Counting
- Zone Crowd Monitoring
- Alarm Input/ Output Interface
- IK10 Vandal-Proof
- ONVIF

RP-PCPT8M25Z

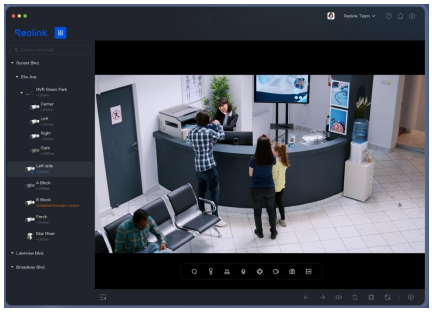
- 8MP Resolution @30fps
- 25X Optical Zoom
- 360°Pan, 0-90°tilt
- AI Video Search
- Person & Object Detection
- Perimeter Protection
- Smart Event Detection (Beta)
- Color Night Vision
- Up to 100 meters (300ft) IR Night Vision
- H.265/H.264
- Two-way Audio
- IP67 Weatherproof
- Metal Housing
- ONVIF

Accessory

	Model Name	Compatible Devices
	RLA-PS1 (PoE Switch)	All RP-Series PoE Cameras
	PoE Injector	All RP-Series PoE Cameras
	RLA-BKC1 Corner Mount Bracket	RP-PCB8M, RP-PCB12M RP-PCB8MZ, RP-PCB8MX RP-WCB8MZ
	RLA-BKC2 Corner Mount Bracket	RP-PCPT8M25Z
	Junction Box B10	RP-PCB8M, RP-PCB12M RP-PCB8MZ, RP-PCB8MX RP-WCB8MZ
	Junction Box D20	RP-PCT8M RP-PCT12M RP-PCPT8M25Z
	Junction Box RLA-JBL1	RP-PCV8MZ

Reolink VMS is a platform designed to simplify video surveillance for small to mid-sized operations—whether it's an office, warehouse, supermarket, hotel, or school. Access live footage, manage devices and user roles, and respond to motion alarms—all in one place to boost your security efficiency.

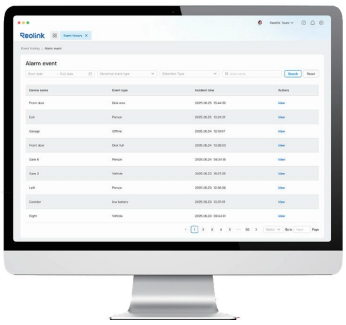
Easy Live View & Playback



View live feed of several cameras simultaneously and stay aware of your stores or offices, anytime from anywhere.The VMS Client supports up to 36-channel display. Easily playback the continuous footage or alarm recordings remotely.

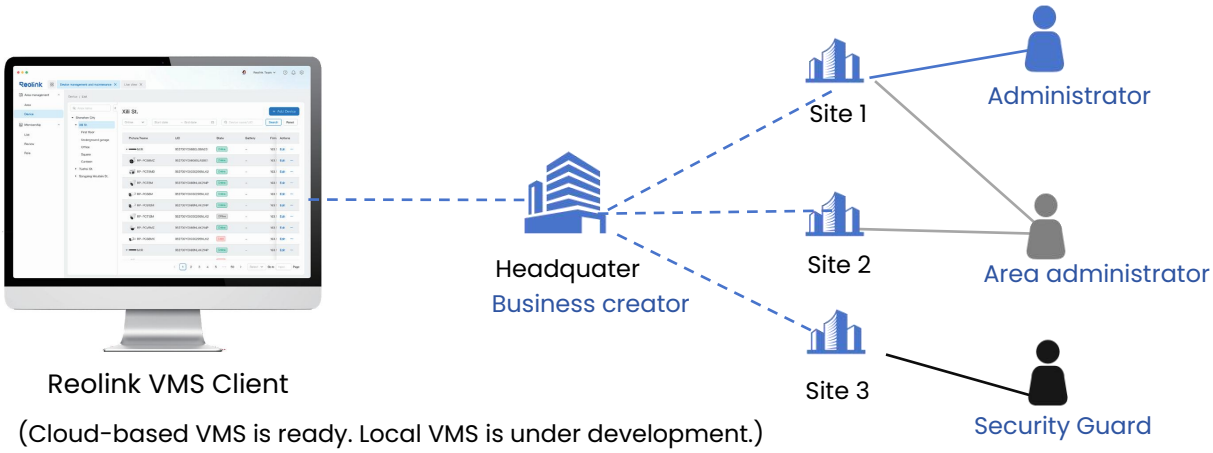
Quick Event Handling

Supports diverse detection, including Person & Object Detection, Smart Event Detection (Beta), Perimeter Protection, Device Anormality Alarm, with instant pop-up notifications via VMS for prompt response.



Efficient Member Permissions Management

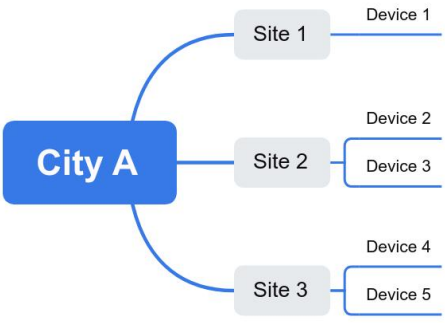
Easily create a company account, add team members, and assign roles and permissions—all from one central platform. Once logged in, they can access devices associated with their account without repeated setup.



(Cloud-based VMS is ready. Local VMS is under development.)

Multi-Device Management

Group devices by project, area, or custom categories. Create multi-level project and monitoring structures for clearer organization and faster device retrieval.



Be Prepared, Be Ahead

Contact Us

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Business Contact:sales@reolink.com
Media Contact: pr@reolink.com
Official Website:reolink.com

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