



Dual-spectrum PTZ Network Camera

RPT864L-H

Models

RPT864L-H - 20 ~ 100mm

RPT864L-H - 30 ~ 150mm

RPT864L-H - 25 ~ 225mm



➤ Product Feature

- Clearer imaging with the latest generation 12micron uncooled infrared detector and leading infrared image algorithm.
- Visual, laser and thermal multi-spectrum imaging, meet the needs of 24/7 security monitoring.
- Support intelligent behavior analysis, such as tripwire detection and region intrusion detection.
- Support intelligent smoke and fire detection and infrared video analysis to meet the requirement of forest fire prevention and intelligent firefighting.
- Integrated with high-speed and high-accuracy PT, encapsulation rating IP66
- Support single-IP, double-channel network video transmission, transmit visible video and infrared video simultaneously.
- Support ONVIF and GB28281 standard protocols, provide SDK, matched NVR and Software

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Product Specifications

Technical Index		RPT864L - H	
Thermal	Sensor Type	VOx uncooled FPA detector	
	Spectral Range	8~14μm	
	NETD	≤30mK(@25°C,F#1.0,25Hz)	
	Max. Resolution	640*512	
	Pixel Pitch	12μm	
	Focal Length	20~100mm / 30~150mm / 25~225mm	
	Focus Mode	Auto/Manual/One-shot Auto	
	FOV	3.9°×3.1°~34.2°×27.6°	
	F number	F0.95~F1.5	
	Spatial Resolution	0.053~0.480mrad	
	Color Palettes	20 modes selectable such as Blackhot/Whitehot/Rainbow,etc.	
	Visible	Image sensor	1/1.8inch 4MP CMOS
		Max. Resolution	2688×1520
Focal Length		15~775mm	
Focus Mode		Auto / Manual / One-shot auto	
FOV		29.1°×16.7°~0.5°×0.3°	
WDR		Support	
Day /Night		Manual/Auto	
Fog Penetration		Support optical fog penetration	
Anti-shake		Support EIS	
Laser		Illumination Distance	3000m, simultaneous zoom for visible light

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PTZ	Pan Range	360° Continuous Rotate
	Pan Speed	0.01°~60°/s
	Tilt Range	-60°~+60°
	Tilt Speed	0.01°~15°/s
	Scan Mode	Preset/PatternScan/Patrol Scan/Linear Scan/Panorama Scan
Network	Protocols	TCP/IP,UDP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP ,RTSP,RTCP,IGMP,SMTP, NTP, QoS
	Interoperability	ONVIF/GB28181/SDK
	Simultaneous live view	Up to 20 channels
	User Management	Up to 20 users, 2 levels: Administrator and User
	Browser	IE8+, multiple languages
Video	Max. Resolution	2688×1520(Visible), 1280×1024 (Thermal)
	Image	JPEG
	Audio Compression	G.711A/G.711Mu/PCM/AAC/MPEG2-Layer2
	Video Compression	H.264/H.265/MJPEG
	Main Stream	Visible: 50Hz:25fps(2688×1520,1920×1080,1280×720) 60Hz:30fps(2688×1520,1920×1080,1280×720) Thermal: 50Hz:25fps(1280×1024,1280×720,1024×768)
	Sub Stream	Visible: 50Hz:25fps(1920×1080,1280×720,704×576,352×288) 60Hz:30fps(1920×1080,1280×720,704×480,352×240) Thermal: 50Hz:25fps(640×512,384×288)

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Smart Function	Fire Detection	yes
	Zoom Linkage	yes
	Smart Record	Alarm trigger recording, disconnection trigger recording (continue transmission after connection)
	Smart Alarm	Support alarm trigger of network disconnection, IP address conflict, full memory, memory error, illegal access and abnormal detection
	Smart Detecting	Support smart video analysis such as line intrusion, cross-border, and region intrusion
	Alarm Linkage	Recording/Capture/Sending mail/PTZ linkage/Alarm output
System Interface	Power Supply	DC 48V±15%
	Communication Interface	RJ45 self-adaptive 10M/100M Ethernet port
	Audio Interface	1channel input, 1 channel output
	Alarm Interface	1-channel input, 1-channel output
	Storage Interface	Support Micro SD card (Max.256G)
	Communication Interface	1-channel RS485
General	Operating Conditions	-40°C~+70°C; <90%RH
	Protection Grade	IP66 , TVS 6000V LightningProtection, Surge Protection and Voltage Transient Protection Conform to GB/T17626.5 Grade-4 Standard
	Power Consumption	Max.220W
	Dimensions(m m)	645mm×680.5mm×550mm(W×H×L)
	Weight	48KG

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Operating Distance

The recommended distance of detecting, recognizing and identifying for man (1.8×0.5m) and vehicle (1.4×4.0m) are as follows:

Lens	DD (Vehicle)	DD (Man)	RD (Vehicle)	RD (Man)	ID (Vehicle)	ID (Man)
100mm	12.8km	4.2km	3.2km	1.0km	1.6km	0.5km
150mm	19.2km	6.3km	4.8km	1.6km	2.4km	0.8km
225mm	28.8km	9.4km	7.2km	2.3km	3.6km	1.2km

Structural Drawings

