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# Dual-spectrum PTZ Network Camera PT464

- Clearer imaging with the latest generation 12micron uncooled infrared detector and leading infrared image algorithm.
- Visual and thermal dual-spectrum imaging, meet the needs of 24/7 security monitoring.
- Support motorized-focus infrared lens of 75mm, 100mm to satisfy long-distance detection.
- 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 Pan/Tilt, encapsulation raging 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 VMS software

### **OPERATING DISTANCE**

The recommended distance of detection, recognition and identification for man (1.8×0.5m) and vehicle (1.4×4.0m) are as follows:

Lens	DD	DD	RD	RD	ID	ID
	(Vehicle)	(Man)	(Vehicle)	(Man)	(Vehicle)	(Man)
100mm	12.8km	4.2km	3.2km	1.0km	1.6km	0.5km
75mm	9.6km	3.1km	2.4km	0.8km	1.2km	0.4km



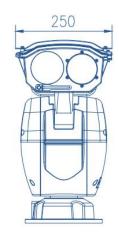


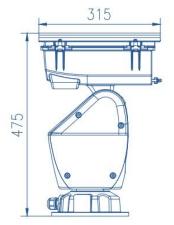
## **Dual-spectrum PTZ Network Camera PT464**

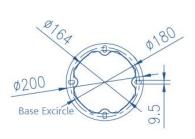
Technical Index		PT464			
Sensor Type		VOx uncooled FPA detector			
	Spectral Range	8∼14µm			
	NETD	≤40mK(@25°C,F#1.0,25Hz)			
	Max. Resolution	640×512			
	Pixel Pitch	12µm			
	Focal Length	75mm	100mm		
	Focus Mode		Auto/Manual/One-shot Auto		
Thermal	FOV	5.9°×4.7°	4.4°×3.5°		
	F number	F1.0	F1.2		
	Spatial Resolution	0. 160mrad	0.120mrad		
	Color Palettes	20 modes selectable such as Blackhot/Whitehot/Rainbow,etc.			
	Image sensor	1/1.8inch 4MP CMOS			
	Max. Resolution	2688×1520			
	Focal Length	6~360mm			
Visible	Focus Mode	Auto / Manual / One-shot auto			
7101010	FOV	66.0°×40.3°~ 1.2°×0.7°			
	WDR	Support			
	Day /Night	Manual/Auto			
	Defog	Support optical defog			
	Pan Range	360° continuous			
PTZ	Pan Speed	0.1°∼100°/s -90°∼+40°			
FIZ	Tilt Range Tilt Speed	-90 ~+40 0.1°~60°/s			
	Scan Mode	Preset/Tour/Patrol Scan/Linear Scan/Pattern Scan			
	Protocols	TCP/IP,UDP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RT CP,IGMP,SMTP, NTP, QoS			
Naturali	Interoperability	ONVIF/GB28181/SDK			
Network	Simultaneous live view	Up to 20 channels			
	User Management	Up to 20 users, 2 levels: Administrator and User			
	Browser	IE8+, multiple languages			
	Max. Resolution	2688×1520(Visible), 1280×1024 (Thermal)			
	Image Encoding Format	JPEG			
	Audio Compression	G.711A/G.711Mu/PCM/AAC/MPEG2-Layer2			
	Video Compression	H.264/H.265/MJPEG			
		Visible: 50Hz:25fps(2688×1520,1920×1080,1280×720)			
	Main Chrane				
Video	Main Stream	60Hz:30fps(2688×1520,1920×1080,1280×720) Thermal:			
		50Hz:25fps(1280×1024,1280×720,1024×768) Visible:			
		50Hz:25fps(1920×1080,1280×720,704×576,352×288)			
	Sub Stream	60Hz:30fps(1920×1080,1280×720,704×480,352×240)			
		Thermal:			
		50Hz:25fps(640×512,384×288)			

### **Dual-spectrum PTZ Network Camera PT464**

Technical Index		PT464		
Thermal	Sensor Type	VOx uncooled FPA detector		
	Spectral Range	8∼14µm		
	Fire Detection	yes		
	Smoke Detection	yes		
	Zoom Linkage	yes		
Smart Function	Smart Record	Alarm trigger recording, disconnection trigger recording (continue transmission after connection)		
	Smart Alarm	Support alarm trigger of network disconnection, IP address conflict, SD card full, SD card error, illegal access and abnormal detection		
	Smart Detecting	Support smart video analysis such as tripwire, intrusion, and area intrusion		
	Alarm Linkage	Video recording/Snapshot/Sending Email/PTZ linkage/Alarm output		
	Power Supply	DC 24V±15%		
	Communication Interface	RJ45 self-adaptive 10M/100M Ethernet port		
System	Audio Interface	1channel input, 1 channel output		
Interface	Alarm Interface	7-channel input, 2-channel output		
	Storage Interface	Support Micro SD card (Max.256G)		
	Communication Interface	1-channel RS485		
	Operating Conditions	-40°C∼+70°C; <90%RH		
	Protection Grade	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection		
General		Conform to GB/T17626.5 Grade-4 Standard		
	Power Consumption	Max.75W		
	Dimensions(mm)	250mm×472mm×360mm(W×H×L)		
	Weight	14KG		









The rotation radius is about 300mm