

RTPZ-PT6 Series

Dual-Spectrum Thermal Network PTZ Camera



RTPZ-PT6 series dual-spectrum PTZ thermal network camera equipped with the advanced thermal detector and high-resolution visible module. The camera is developed for medium/long distance observation. With the help of thermal image, PT6 is able to capture the object in darkness or in any bad weather condition. PT6 series can be widely used for forest fire prevention, border/coast defense or other long-distance observation applications.



12μm VOx Uncooled Detector

Equipped with new generation QSn[®] 12μm uncooled Vox detector to provide advanced thermal image quality

Long Distance Observation

30~150mm or 25~225mm optical zoom focal length, long distance observation

Smart Video Analysis

Supports line crossing, Intrusion on both visible/thermal channel

Dual-Spectrum Image

Ultra-clear thermal image: 1920×1080
4MP visible image

Smart Fire Detection

Supports accurate fire detection with thermal image to avoid misreport

High Compatibility

Provides NVR and VMS client, compatible with ONVIF, GB28181 protocols, provides SDK for development

Product Specifications

Technical Specifications	RTPZ-PT6F4	RTPZ-PT6S4	RTPZ-PT664
	Thermal		
Detector Type	VOx, uncooled FPA detectors		
Spectral Range	8~14μm		
NETD	≤40mK(@25°C,F#1.0,25Hz)		
Resolution	1280× 1024	640×512	384× 288
Pixel size	8μm	12μm	
Focal length	30~150mm or 25~225mm optical zoom		
	Visible light		
Sensor	1/1.8" 4MP CMOS		
Focal length	6~300mm 50x optical zoom		
	PTZ		
Pan range	Pan: 360° horizontally		
Tilt range	Tilt: -90° ~ +90° vertically		
Scan mode	Preset point/Pattern/Tour/2-point/360°		
	Smart function		
Fire detection	Support fire detection		
Cold/Hot Spot tracking	Support Cold/Hot Spot tracking		
VCA	Line Crossing/Intrusion detection		
Alarm action	Record/Snapshot/E-mail/Relay output		
	System interfaces		
Power	DC 48V		
Network	1×RJ45 10M/100M/ self-adaptive interface		
RS485	1×RS485, support Pelco		
Analog	1.0V[p-p] / 75Ω, PAL or NTSC, BNC		
Audio input	1×audio in		
Audio output	1×audio out		
Alarm input	7×alarm input		
Alarm output	2×alarm output		
Edge storage	Support Micro SD (max. 256G)		
	General		
Work temperature	-40° ~ +70° ≤90%RH		
Protection	IP66, TVS 6000V, Lightning/Surge protection conforms to GB/T17626.5 4th-Grade		
Power consumption	≤200W		
Dimension (mm)	746×748×437		
Weight	58.7KG		

Application

