

IRS-PT6S4 PTZ CAMERA

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IRS-PT6S4 Dual-spectrum PTZ Network Camera

- The latest InfiRay® 12μm uncooled IR detector makes the images farther and clearer.
- The high-definition digital camera and tele-lens make high-accuracy and long distance imaging possible for 24/7 monitoring.
- High-speed and high accuracy PTZ, support 5 scanning styles and 17 scan tracks with speed memory.
- The professional platform software supports intelligent infrared video analysis, which can satisfy the needs of forest fire prevention and smart fire fighting.

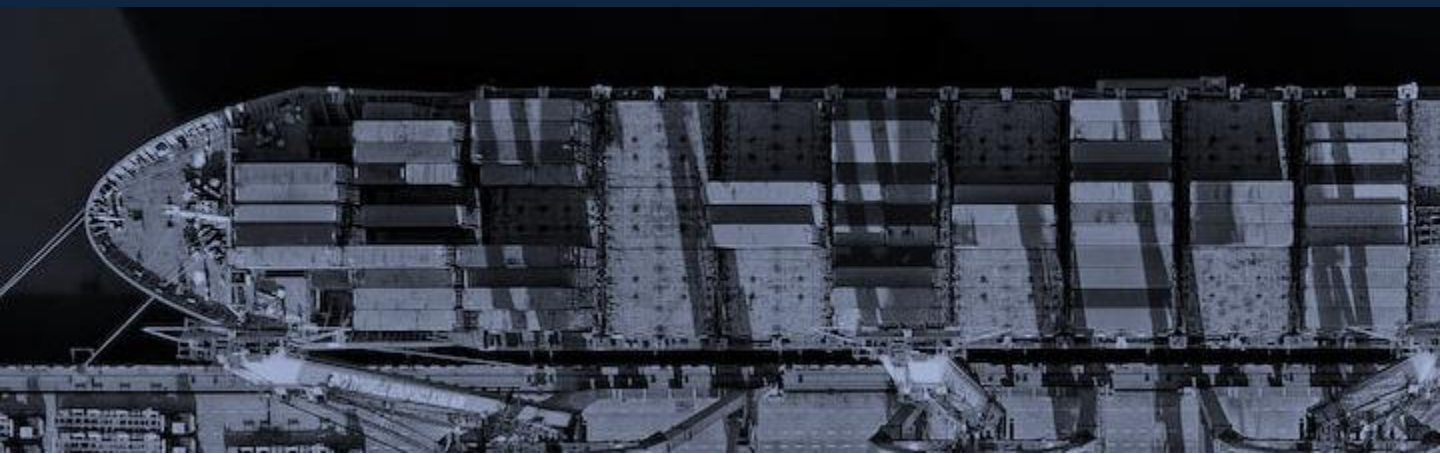


Thermal	
Sensor Type	VOx uncooled FPA detector
Spectral Range	8~14μm
NETD	≤30mK(@25°C,F#1.0,25Hz)
Max. Resolution	1280×1024
Pixel Pitch	12μm
Focal Length	30~300mm
Focus Mode	Auto/Manual
FOV	24.3°×18.8°~2.5°×2.0°
F number	F0.85~F1.35
Spatial Resolution	0.040~0.400mrad
Color Palette	18 modes selectable such as Blackhot/Whitehot/Rainbow,etc.

Visible	
Image Sensor	1/1.8inch 4MP CMOS
Max. Resolution	2688×1520
Focal Length	10.5~920mm 88×optical zoom
Focus Mode	Auto／Manual／One-shot auto
FOV	Horizontal : 40.7°x 23.7°~0.4°x0.2°
Min. Illumination	Color : 0.005Lux/F1.4 B/W : 0.0005Lux/F1.4
WDR	Support
Day/Night	Manual/Auto
DNR	3D NR



PTZ	
Pan Range	Pan:360° Continuous Rotate
Pan Speed	Configurable : 0.01°~120°/s
Tilt Range	Tilt-90°~+90°
Tilt Speed	Configurable : 0.01°~120°/s
Preset Accuracy	±0.01°~+60°
Presets	256
Patrol Scan	8, up to 255 presets per patrol
Pattern Scan	4
Linear Scan	4
Panorama Scan	1
3D Positioning	yes
Power Off Memory	yes
Tele Speed Setup	Speed adaptation to zoom ratio
Position Setup	support, configurable in horizontal/vertical
Privacy Mask	yes
Park	Preset/Pattern Scan/Patrol Scan/Linear Scan/Panorama Scan
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Linear Scan/Panorama Scan
Anti-burn	yes
Remote Power-off Reboot	yes



Video	
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
Main Stream	Visible : 50Hz: 25fps(2688×1520), 25fps(1920×1080), 25fps(1280×720); 60Hz: 0fps(2688×1520), 30fps(1920×1080), 30fps(1280×720); Thermal : (640×512) 50Hz:25fps(640×512); 60Hz:30fps(640×512);
Sub Stream	Visible : 50Hz:25fps(1280×720), 25fps(704×576); 60Hz:30fps(1280×720), 30fps(704×480); Thermal : (640×512) 50Hz:25fps(640×512) ; 60Hz:30fps(640×512) ;



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
Communication Interface	RJ45 self-adaptive 10M / 100M Ethernet port
Audio Input	1 channel
Audio Output	1 channel
Video Output	1.0V[p-p] / 75Ω, PAL or NTSC, BNC head
Alarm Input	7 channels
Alarm Output	2 channels
Storage Interface	Support Micro SD card (Max. 256G) , hot swap
RS485	1 channel, support Pelco protocols



General	
Operating Condition	-40℃~+70℃ ; <90%RH
Protection Grade	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection Conform to GB/T17626.5 Grade-4 Standard
Power Protection	support protection on overvoltage, undervoltage and reverse connection
Power Consumption	200W
Dimensions (mm)	746× 748× 437mm (W×H×L)
Weight	42KG

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

DD stands for Detecting Distance; RD

stands for Recognizing Distance;

ID stands for Identifying Distance;

Lens	DD (Vehicle)	DD (Human)	RD (Vehicle)	RD (Human)	ID (Vehicle)	ID (Human)
30mm	3.8km	1.3km	1.0km	0.3km	0.5km	0.2km
300mm	38.3km	12.5km	9.6km	3.1km	4.8km	1.6km



Camera Structure and Dimensions

