

IP THERMAL PTZ CAMERA



ENC-SPTFM-00R-32

FEATURES

400x300 Uncooled VOx Micro Bolometer Detector

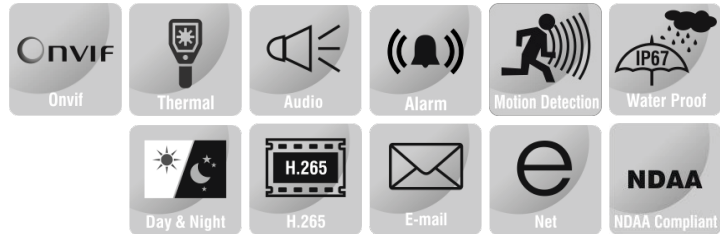
Sensitivity $\leq 40\text{mK}$

25 ~ 225 mm Motorized Focus Lens

Areas / Spot / Line Temperature Measurement Rule Support

17 Color Patterns Support

IP67



SPECIFICATION

MODEL	Model No.	ENC-SPTFM-00R-32			
	Type	IP THERMAL PTZ CAMERA			
THERMAL CAMERA	Detector Type	Uncooled VOx Focal Plane Arrays			
	Effective Pixels	400x300 and Image can be scaled up to 704x576			
	Pixel Size	17um			
	Thermal Sensitivity (NETD)	$\leq 40\text{ mK}$			
	Spectral Range	8~14um			
	Image Settings	Brightness, Sharpness, Contrast, 2D/3D DNR, Mirror / Flip, FFC			
Color Palettes	White & Black Hot, Ironbow, Rainbow etc. up to 17 modes				
THERMAL LENS	Lens	Motorized			
	Focus Control	Motorized Focus			
	Focal Length	25 ~ 225 mm			
	F No	F1.0			
	Angle of View	25 ~ 225 mm			
		14.0° ~ 1.6° (H) , 11.0° ~ 1.2° (V)			
	Thermal imaging **	Object	Human (1.8m x 0.5m)	Vehicle (4.0m x 1.5m)	
		Lens(mm)	25 ~ 225	25 ~ 225	
		Detection(m)	734 ~ 6609	2255 ~ 20294	
		Recognition(m)	184 ~ 1652	564 ~ 5074	
Identification(m)		92 ~ 826	280 ~ 2537		
Fire Detection	Object	Fire (1.0m x 1.0m)	Fire (2.0m x 2.0m)		
	Lens(mm)	25 ~ 225	25 ~ 225		
	Detection(m)	735 ~ 6618	147 ~ 1324		

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MODEL	Model No.	ENC-SPTFM-00R-32
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VIDEO	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (704x576) @25/30fps Sub Stream: Thermal: (352x288) @25/30fps
	Bit Rate Control	CBR, VBR
	Bit Rate	Main Stream: 100 kbps ~ 6 Mbps, Sub Stream: 10 kbps ~ 1.5 Mbps
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (Small / Medium / Big), Image overlay
	ROI	Up to 8 regions
	Privacy Masking	Up to 4 regions
AUDIO	Audio Compression	G.711A, G.711U, RAW_PCM
	Audio Bitrate	64kbps, 128kbps
	Audio I/O	1/1
SMART	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Region Entry / Exit Detection, Flame Point Detection
	Statistical Analysis	People Counting, Wrong Way Detection, Human and Vehicle Detection, Temperature Detection
	Alarm Management	Motion Detection, Input & Output Event, Disk Alarm, Day Night Switch Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notification	E-mail (Notification & Snapshot), HTTP (Alarm icon), FTP (Snapshot & Recording), SD Card (Recording)
TEMPERATURE	Detection Mode	Spot, Line, Area (Total 20 Rules - 1 Full Screen and 19 others)
	Alarm	Over/Difference Alarm
	Accuracy	±2°C / ±2%
	Response Time	≤ 30ms
	Measurement range	-20°C ~ 150°C (-4°F ~ 320°F)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP/RTCP, RTSP, PPPoE, NTP, UPnP, SMTP (SSL/TLS), IGMP, 802.1x, QoS, Unicast, SNMP, ARP
	Security	AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level), HTTPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF (Profile S, G, T), CGI/SDK
	Network	1xRJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 512 GB
	Alarm I/O	2/2
	Heater	Supported
	Fan	Supported
	Max.User	32
PAN AND TILT	Client Application	EyeGuard
	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.01° ~ 60°/s, Pan Preset Speed: 60°/s
	Tilt Range	-75° ~ +40°
	Tilt Speed	Tilt Manual Speed: 0.01° ~ 15°/s, Tilt Preset Speed: 15°/s
	Preset Accuracy	±0.1°
	Number of Presets	400
	Power Off Recovery	Supported
	3D Position	Supported
	PTZ Mode	8 Scan, 6 Track, 12 Patrols (32 Presets per Patrol)
Speed Setup	Auto/Manual (0-8)	

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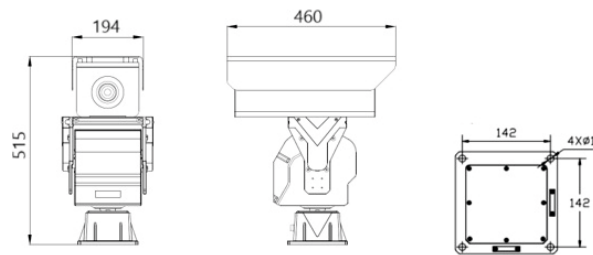
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MODEL	Model No.	ENC-SPTFM-00R-32
	Type	IP THERMAL PTZ CAMERA
GENERAL	Power Supply	36V DC
	Max. Power consumption	≤100 W
	Working Temperature	-40 °C ~ 60 °C
	Working Humidity	≤95% RH
	Casing	Metal
	Ingress Protection	IP67
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS6000V
	Reset Button	Supported
	Dimensions	194x460x515 mm
Net Weight	22.5 kg	

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-SPTFM-00R-32	IP Temperature Detection Thermal PTZ Camera with 400*300 Thermal Resolution, 25 to 225mm Motorized Thermal Lens and SD Card Slot Support	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-SPTFM-00R-32	Carton Box	-	-

**The detection ranges may vary in different conditions. Product performance is based on testing in a controlled environment. Results may vary due to several external and environmental factors.

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