

# IP DUAL SENSOR THERMAL PTZ CAMERA



## ENC-HPT7Z-50X-39

### FEATURES

640x512 Uncooled Infrared Detector
Sensitivity $\leq 35\text{mK}$
25 ~ 225 mm (Optional 30 ~ 150 mm) Motorized Lens
20 Color Patterns Support
IP66



### SPECIFICATION

MODEL	Model No.	ENC-HPT7Z-50X-39
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA
THERMAL CAMERA	Detector Type	Uncooled VOx Focal Plane Arrays
	Effective Pixels	640x512 and Image can be scaled up to 1280x1024
	Pixel Size	12 $\mu\text{m}$
	Thermal Sensitivity (NETD)	$\leq 35\text{ mK}$
	Spectral Range	8 ~ 14 $\mu\text{m}$
	Spatial Resolution	0.480 ~ 0.053 mrad
	Color Palettes	White & Black Hot, Ironbow, Rainbow etc up to 20 modes
THERMAL LENS	Lens	Motorized
	Focus Control	Auto / Manual
	Focal Length	25 ~ 225 mm (Optional 30 ~ 150 mm)
	F No	F1.09 ~ F1.5
	Angle of View (H)	17.6° ~ 2.0°
	Angle of View (V)	14.1° ~ 1.6°
	Angle of View (D)	22.5° ~ 2.5°
	Detection	225 mm: Vehicle (1.4m×1.4 m) - 28.8 km, Human (1.8m×0.5 m) - 13.2 km 150 mm: Vehicle (1.4m×1.4 m) - 19.2 km, Human (1.8m×0.5 m) - 6.3 km
	Recognition	225 mm: Vehicle (1.4m×1.4 m) - 9.9 km, Human (1.8m×0.5 m) - 5.2 km 150 mm: Vehicle (1.4m×1.4 m) - 4.8 km, Human (1.8m×0.5 m) - 1.6 km
	Identification	225 mm: Vehicle (1.4m×1.4 m) - 6.1 km, Human (1.8m×0.5 m) - 2.9 km 150 mm: Vehicle (1.4m×1.4 m) - 2.4 km, Human (1.8m×0.5 m) - 0.8 km
	Fire Detection	225 mm: Fire size (1m×1m) - 10 km, Fire size (2m×2m) - 20km 150 mm: Fire size (1m×1m) - 8 km, Fire size (2m×2m) - 16km

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## ENC-HPT7Z-50X-39

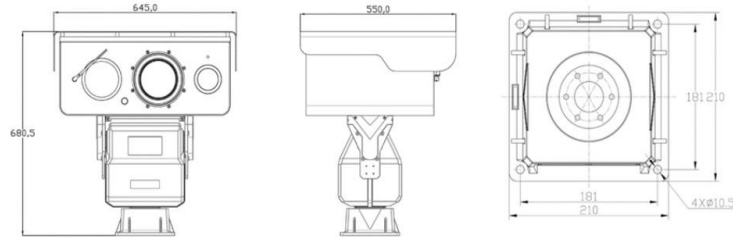
MODEL	Model No.	ENC-HPT7Z-50X-39
	Type	IP DUAL SENSOR THERMAL PTZ CAMERA
VISIBLE CAMERA	Image Sensor	1/1.8" CMOS Progressive 4.0 MegaPixel
	Day / Night	Auto / Manual
	Max Resolution	2688x1520
	Focal Length	15 ~ 775 mm
	Focus Control	Auto / Manual
	Angle of View (H)	29.1° ~ 0.5°
	Angle of View (V)	16.7° ~ 0.3°
	Angle of View (D)	33.5° ~ 0.5°
	Optical Zoom	50x
	Defog	Optical Defog
	WDR	Supported
	Image Stabilization	Optical Image Stabilization
	Laser	Up to 3000 m (Optional)
	Detection	207.0 ~ 10690.0 m
	Observation	82.0 ~ 4242.0 m
Recognition	41.0 ~ 2138.0 m	
Identification	21.0 ~ 1069.0 m	
VIDEO & AUDIO	Video Compression	H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: (1280x1024, 1280x720, 1024x768) @25fps; Visible: (2688x1520, 1920x1080, 1280x720) @25/30fps Sub Stream: Thermal: (640x512, 384x288) @25fps; Visible: (1920x1080, 1280x720, 704x480, 352x240) @30fps (1920x1080, 1280x720, 704x576, 352x288) @25fps
	Video Bit Rate	9.6 kbps
	Bit Rate Type	CBR, VBR
	OSD	Supported
	Audio Compression	G.711A, G.711U, PCM_AAC
	Audio I/O	1/1
SMART	Behaviour Detection	Intrusion (Perimeter), Crossline (Tripwire)
	Statistical Analysis	Infrared Video Analysis, Smoke and Fire Detection
	Alarm Management	SD Card Error, Network Alarm, IP Address Conflict, Illegal Access
INTERFACE	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, IGMP, SMTP, NTP, QoS
	Compatibility	ONVIF, SDK
	Network	1x RJ45 10M/100M Self Adaptive Ethernet Port
	Serial Interface	1xRS485
	Edge Storage	SD card slot, up to 256 GB
	Alarm I/O	1/1
	Max.User	20
PAN AND TILT	Pan Range	0° ~ 360° (Endless)
	Pan Speed	Pan Manual Speed: 0.01°~ 60°/s, Pan Preset Speed: 60°/s
	Tilt Range	-60° ~ +60°
	Tilt Speed	Tilt Manual Speed: 0.01° ~ 15° /s, Tilt Preset Speed: 15°/s
	Preset Accuracy	±0.1°
	Number of Preset	256
	Auto Cruise	0.8
Auto Line	4	
GENERAL	Power Supply	48V DC
	Max. Power consumption	≤220 W
	Working Temperature	-40 °C ~ 75 °C
	Working Humidity	≤90% RH
	Ingress Protection	IP66
	Vandal Resistant	IK10 (Housing)
	Surge Protection	TVS6000V
	Dimensions	645x680.5x550 mm
Weight	59 Kg	

# IP DUAL SENSOR THERMAL PTZ CAMERA



**ENC-HPT7Z-50X-39**

Dimension Unit : mm



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPT7Z-50X-39 (Without Laser)	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 50X Optical Zoom and Thermal Imaging Camera with 640*512 Thermal Resolution and SD Card Slot Support	1
ENC-HPT7Z-50X-39 (With Laser)	4MP IP Dual Sensor Temperature Detection Thermal PTZ Camera with Visible Lens of 50X Optical Zoom and Thermal Imaging Camera with 640*512 Thermal Resolution, 3000m Laser and SD Card Slot Support	1

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HPT7Z-50X-39	Carton Box	-	-