



Shown with optional pole mount stand

Speciality Cameras

Extreme Performance 360° Endless Pan/Tilt Thermal Cameras

ZT-PTS

The ZT-PTS 360° Endless P/T thermal cameras are designed for extreme outdoor conditions. These rugged, high performance cameras can be used in all situations that a normal visible camera cannot resolve. They are ideal for high-end security applications including perimeter surveillance, search & rescue, port & marine security, border patrol, electrical inspection & energy conservation.

Features:

- Extended Microbolometer Thermal Imaging Technology
- High Resolution, High Sensitivity (40mK NETD)
- Built-in TEC (Thermo Electric Cooler)
- Certified for 1,000 Hours of Salt Water Spray Testing
- 3G Vibration Performance
- Pan / Tilt Endless Rotation
- 165 Preset Positions



Dual Head Thermal/Visible Model Also Available.

Scan Me!



ZT-PTS

Extreme Performance 360° Endless Pan/Tilt Thermal Cameras

■ Mounting Options

Ceiling Mount



Wall Mount



Pole Mount Stand



■ Specifications

Models			ZT-PTS
Camera/ Lens	Sensor	Type	Uncooled Microbolometer
		Cell Size	25µm
		Pixels	384 x 288
	Resolution	D1 Class with Original Scaling Technology	
	Measuring Wavelength	8 ~ 14µm	
	NETD (Noise Equivalent Temperature Difference)	40mK / F1.0	
	Video Output	NTSC / PAL (Switchable)	
	Output Frequency	59.94Hz (30FPS)	
Lens Options	20mm F1.0 (35/50mm optional)		
Function	Calibration	Auto / Manual / Interval (up to 3,600 sec) Mode Selectable	
	Image Flip	Vertical (Flip), Horizontal (Mirror) ON/OFF	
	Inverse Mode	ON/OFF	
	AGC	ON/OFF One-push (5 step)	
	Output Mode	NTSC/PAL Mode Selectable	
	Image Mode	B/W and Three Color Mode	
	Digital Zoom	X 4 (15 Steps)	
	Temperature Range Process	MIN/MAX Temperature Range Selectable	
	Range of Observation Display	-4° F ~ 248° F (Normal Mode) -4° F ~ 1202° F (High Temp Mode)	
	OSD	OSD menu available	
	Preset Positions	165	
	Preset Tours	8 Programmable Group Tours (1 group/60 steps)	
	Pattern	8 Programmable Patterns	
	Scan	8 Programmable Scans	
	Camera ID	1-255 address	
	Controller Interface	RS-485 (Pelco D/P)2400/4800/9600bps	
	Alarm	4 Alarms	
	Aux out	2 Aux Out	
Pan/Tilt	Pan Angle	0° ~ 360° (Endless)	
	Tilt Angle	0° ~ 360° (Endless)	
	Pan/Tilt Manual Speed	1 ~ 100° /sec	
	Pan/Tilt Preset Speed	10 ~ 200° /sec	
Physical	Defrost Device	Optional	
	Vibration Testing	Passed 3G Vibration Testing	
	Housing	Diecast aluminum exterior O-ring sealed, anti-corrosive coating on all internal parts. Certified for 1,000 hours of salt water spray testing.	
	Ext-Interface	RS-232 (9600~38400 bps/N/8/1), KEYPAD (5 Key)	
	Power Source	12VDC / 24VAC	
	Power Consumption	25W / 48W MAX	
	Temperature	-22°F~-131°F (-30°C ~ 55°C)	
	TEC (Thermo Electric Cooler)	Built-in	
	Dimensions	11.8" W x 6.9"H x 7.9" D (mount excluded)	
	Weight	12.1lbs.	
IP Rating	IP68 (Defrost Version IP66)		

All specifications are subject to change without notice.