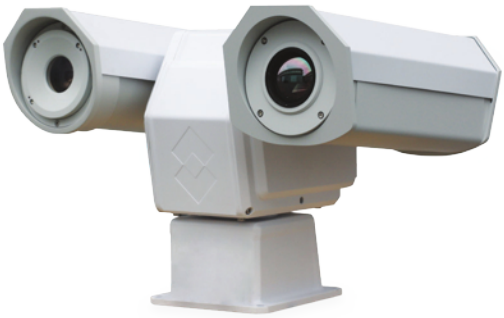
PT-602CZ

Cooled, Midwave Infrared Detector with Continuous Zoom



PT-602CZ

The new PT-602CZ brings a new level of performance to the popular PT-Series of thermal security cameras. The PT-602CZ uses a cooled midwave infrared detector with 640 x 480 resolution to create sharp thermal images of small details in challenging conditions and at long ranges. Equipped with powerful optics that combine excellent situational awareness with impressive continuous zoom capability, the PT-602CZ is a flexible imaging solution for the most demanding applications.

Features

- Sharper thermal images and greater scene detail than ever before
- Improved threat detection and alarm assessment capabilities
- Long-range threat detection - See smaller details from farther away
- Continuous zoom so you can zoom in on targets without losing sight of them
- Autofocus keeps your images sharp when changing zoom
- Wider fields of view improves coverage without compromising range performance; optimize coverage efficiency while lowering overall installation cost
- Precision pan/tilt mechanism that is ready for radar integration and slew-to-cue operation
- Simultaneous IP and analog video outputs – thermal and visible – along with IP and serial control interfaces for easy integration into IP networks or analog video environments; use them in an existing analog environment, and migrate easily to a future IP network
- Open IP standards for plug-and-play integration; ONVIF compliant
- Streaming digital video available in H.264, MPEG-4, or M-JPEG formats
- Advanced thermal image processing with Digital Detail Enhancement (DDE) for high-contrast images in dynamic thermal scenes
- Long-range daylight/low-light camera with 36x optical zoom for 24/7 coverage

Impressive long range zoom capability allows you to detect possible threats from a safe distance

Specifications

Camera Model	PT-602CZ
Thermal Camera	
Array Format (NTSC)	640 x 512
Detector Type	Cooled Focal Plane Array
Spectral Range	3 µm to 5 µm
Effective Resolution	327,680
Field of View Limits	28° x 21° WFOV 2° x 1.5° NFOV
Optical Zoom	Continuous
Digital Zoom	Continuously adjustable
Focus	Athermalized; Focus-free at infinity
Image Processing	Automatic Gain Control (AGC) Digital Detail Enhancement (DDE)
Outputs	
Composite Video	NTSC or PAL
Video over Ethernet	Two independent channels of streaming MPEG-4, H.264, or M-JPEG for each of two cameras
Interfaces	TCP/IP RS-422 RS-232 Pelco D Bosch
Pan/Tilt Performance	
Pan Angle/Speed	Continuous 360°; 0.1° to 60°/sec
Tilt Angle/Speed	+90° to -90°; 0.1° to 30°/sec
Programmable presets	128
General	
Weight	~40.8 lb
Dimensions (L,W,H)	13.8" x 19.5" x 13.1" (352 mm x 495 mm x 333 mm)
Input Voltage	24 VAC (20-30 VAC) 24 VDC (21-30 VDC)
Power Consumption (Consult product manuals for details of power requirements)	24 VAC: 70 VA (max w/o heaters); 260 VA (max w/heaters) 24 VDC: 60 W (max w/o heaters); 230 W (max w/heaters)
Visible Light Camera	**Sony FCB-EX1010**
Sensor Type	1/4" Exview HAD CCD
Lens Field of View Focal Length Zoom F/#	57.8° (h) to 1.7° (h) 3.4 mm to 122.4 mm 36x Optical zoom, 12x E-zoom 1.6 to 4.5
Effective pixels (NTSC)	380,000

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