



COOLED THERMAL AND VISIBLE PAN/TILT CAMERA

FLIR Triton™ PT-602CZ

The FLIR Triton™ PT-602CZ uses a cooled midwave infrared detector with 640×480 resolution to create extremely detailed thermal images at long ranges and in extreme conditions. Equipped with zoom optics, the Triton PT-602CZ is a flexible imaging solution for the most demanding applications.

www.flir.com/security



IMPROVED THREAT DETECTION

The Triton PT-602CZ offers long-range imaging and alarm assessment for early threat detection.

- 4-5 km human detection
- 14x thermal imaging optical zoom
- 640 × 480 thermal resolution
- 36x visible camera optical zoom



PRECISION PAN/TILT

Radar integration and slew-to-cue operation allow constant contact with targets while wider fields of view improve coverage.

- Continuous 360° panning
- 28° x 21° WFOV and 2° x 1.5° NFOV
- 60°/sec panning for high-speed tracking



EASY INTEGRATION

Seamlessly integrate into existing IP networks and analog video environments or use as a standalone unit.

- ONVIF Profile S compliant
- Open IP standards for plug-and-play integration, IP and serial control interfaces
- Thermal and visible IP and analog video outputs

SPECIFICATIONS

Thermal Sensor & Optics

Array Format (NTSC)	640 × 512
Detector Type	Cooled Focal Plane Array
Spectral Range	3 μm to 5 μm
Effective Resolution	327,680
Field of View Limits	28° × 21° WFOV, 19 mm 2° × 1.5° NFOV, 275 mm
Optical Zoom	14x Continuous
Digital Zoom	Continuously Adjustable
Focus	Quick Autofocus, Manual
Image Processing	Automatic Gain Control (AGC) Digital Detail Enhancement (DDE)

Outputs

Composite Video	NTSC or PAL
Video Over Ethernet	2 Channels of Streaming, MPEG-4, H.264, or M-JPEG
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" × 19.5" × 13.1" (352 mm × 495 mm × 333 mm)
Input Voltage	24 VAC (20-30 VAC) 24 VDC (21-30 VDC)
Power Consumption (consult product manuals for power requirement details)	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 Sensor & Optics

Visible Light Camera	Sony FCB-EX1020
Sensor Type	1/4" Exview HAD CCD
Lens Field of View	57.8° (h) to 1.7° (h)
Focal Length	3.4 mm to 122.4 mm
Zoom	36x optical zoom, 12x digital zoom
F/#	1.6 to 4.5
Effective Pixels (NTSC/PAL)	380K/440K
Image Stabilization	Electronic

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

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