

TRK-101-P PTZ Tracker



Detection Types

- Intrusion:
 - Regional entrance
 - Tripwire
 - Fence trespassing
- Unattended baggage
- Object removal
- Stopped vehicle
- Loitering
- Camera tampering
- Autonomous object tracking

FLIR *ioi*™

*Turning your FLIR PTZ cameras to intelligent
ioi tracking devices*

THE TRK-101P PTZ TRACKER IS A SELF-CONTAINED SINGLE CHANNEL H.264 VIDEO ANALYTICS ENCODER WITH INTELLIGENT PTZ CAPABILITIES.

The PTZ Tracker analyzes captured video signals to send alarm notifications of people, vehicles and objects that cross a perimeter line, enter a pre-defined region, are left behind or removed from a scene. Users can set customized rules and criteria to define the perimeter and what to detect. For sites with Pan/Tilt/Zoom (PTZ) cameras, once a moving object has been detected, the unit controls and moves the PTZ camera to autonomously track and zoom in on the threat.

Part of the ioi intelligent video encoder series, the PTZ Tracker features analog and IP streaming video outputs (H.264, MPEG-4 SP and MJPEG) that enable hybrid connectivity to both legacy and IP-based CCTV networks. The unit can be configured through a standard web browser and set-up in five minutes.

Key Features

- Fully integrated video analysis and encoding hardware/software solution
- Autonomous PTZ tracking with FLIR Quasar PTZ & FLIR Thermal PTZ
- Target hand-off from fixed camera to PTZ
- Intrusion detection analytics on PTZ presets
- Automatic calibration and remote setup
- Storage on the Edge (SoE) with remote backup
- Up to five simultaneous intrusion detection rules
- Hybrid video output (analog and IP streaming)
- Site Viewer for accessing remote units over the web for live and SoE playback
- MTU setup for encrypted networks

PTZ Camera Support

- Intrusion detection on PTZ presets:
 - FLIR Quasar PTZ, FLIR TCX DNZ
- Target hand-off from fixed camera to PTZ:
 - FLIR ioi HD (fixed), FLIR Quasar PTZ, FLIR TCX DNZ
- Autonomous PTZ tracking:
 - FLIR Quasar PTZ
 - PT-Series HD
 - PT-Series
 - A310pt

Specifications

Channels				
Number of Intelligent Video Analysis Channels	1			
Analog Video Output				
TV Standard	Composite 1Vp-p – NTSC or PAL			
Physical Connector	1x BNC 75Ω			
Digital Encoding				
IP Video Streaming	H.264, MPEG-4 SP, MJPEG			
H.264 Frame Rate (PAL/NTSC)	D1 12/15 FPS	VGA 18 FPS	2CIF 25/30 FPS	CIF 25/30 FPS
MPEG-4 SP Frame Rate (PAL/NTSC)	Up to 25/30 FPS for all resolutions			
Bit Rate	CBR (128Kbps – 4Mbps), VBR			
Storage on the Edge	3,800Mb event recording			
Network				
Ethernet (IEEE 802.3/802.3u)	1 x RJ45 interface			
Services and Protocols	TCP/IP, UDP/IP, HTTP, SMTP, DHCP, DNS, SNMP			
Video Streaming	RTP/RTSP			
Alarms/Commands	TCP/IP, HTTP			
Browsers	Internet Explorer 10 and 11			
Operating System	Windows 7, 8 and 8.1, 10			
I/O Interface				
Serial	1x RS-485 (for PTZ camera control)			
IN - Alarm Input	1x dry contact			
OUT - Relay Output	1x relay output (rated load 0.3A@12VDC; 1A@30VDC; 0.25A@24VAC, 50/60Hz)			
Power Source				
Voltage	12VDC (+/-10%), 24VAC			
Power Consumption	DC: 3.6W, AC: 6W			
Physical Dimensions				
Dimensions (mm)	68.5 x 36 x 118mm (W x H x D)			
Dimensions (inches)	2.7 x 1.42 x 4.61" (W x H x D)			
Mounting	Shelf/optional rack-mounting (single-unit or multiple-unit accessory)			
Environmental Specifications				
Operating Temperature	0° to 60°C (32° to 140°F)			
Operating Humidity	5% to 95% (non-condensing)			
IR Illuminator				
Safety	UL, CE			
Electromagnetic Interference	(EMC) FCC 47 CFR Part 15, Subpart B, Class A; CE Class A			
Environmental	RoHS			

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