

TRK-101-P PTZ Tracker



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
- 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

Detection Types

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

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	4CIF 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 8, 9, 10 and 11				
Operating System	Windows XP, 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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