THE TRK-101 IS A SELF-CONTAINED SINGLE CHANNEL H.264 VIDEO ANALYTICS ENCODER.
The TRK-101 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.

Part of the ioi intelligent video encoder series, the TRK-101 has both 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 within five minutes.

Key Features
• Fully integrated video analysis and encoding hardware/software solution
• 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

Camera Support
• FLIR thermal cameras:
  - F-Series, FC-Series (R, S, and ID models) and TCX Series
• FLIR Quasar cameras
• Leading 3rd party cameras

Detection Types
• Intrusion:
  – PTZ target hand-off
  – Regional entrance
  – Tripwire
  – Fence trespassing
• Unattended baggage
• Object removal
• Stopped vehicle
• Loitering
• Camera tampering
Specifications

Channels

Number of Intelligent Video Analysis Channels | 1

Analog Video Output

TV Standard | Composite 1V-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, SNTP
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

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)

Regulatory

Safety | UL, CE
Electromagnetic Interference | (EMC) FCC 47 CFR Part 15, Subpart B, Class A; CE Class A
Environmental | RoHS

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2016 FLIR Systems, Inc. All rights reserved. 10/12/2016

CORPORATE HEADQUARTERS
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547
www.flir.com/security
NASDAQ: FLIR

FLIR Systems, Inc.
6769 Hollister Ave.
Goleta, CA 93117

FLIR Systems, Inc.
65 Challenger Rd
Ridgefield Pk., NJ 07660

FLIR Systems - Canada
250 Royal Crest Court
Markham, Ontario,
Canada L3R 3S1

PH: +1 201.368.9700
PH: +1 888.425.6739