

TVC-5402

TruVision IP Box Camera, H.265/H.264, 3.0MPX , WDR, True D/N, Auto Back Focus, Audio, Alarm, BNC, micro SD/SHDC slot, Intelligence, POE (802.3-af) /12VDC/24VAC

Overview

The TruVision line of IP box form factor cameras leverages the latest H.265 video compression technology to bring state-of-the-art, high-definition pictures to the mass video surveillance market. With camera resolutions of 2, 3, or 5 megapixel, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

H.265 and/or H.264 compression with triple-streaming capability provide even greater flexibility for managing bandwidth and storage use. Select models feature Super Low Light technology, which provides a clear image in low lighting conditions with a minimum of "grainy" interference. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.

These cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line, intrusion, defocus and face detection features. Each is user-configurable to best suit the installation environment. A Region of Interest function ensures specific portions of an image are given priority during instances of high network traffic or network degradation.

Location-specific functions include a Hallway View Mode to provide a portrait view of a hallway or corridor, a De-Fog Mode to help resolve images through fog or rain and Electronic Image Stabilization for installations subject to physical vibration or shaking.



Details

- Maximum Resolution: 2048 x 1536
- Maximum Real Time Resolution: 2048 x 1536 @ 25 fps
- Designed to PSIA and ONVIF Profile G and S open standards
- H.265 and/or H.264 compression with triple-streaming functionality
- Edge recording up to 128GB SDHC card
- 1/2.8" CMOS image sensor
- Motorized IR Cut Filter
- Low Light: Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux IR on
- Up to 120dB Wide Dynamic Range
- Intelligence (Face detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting)

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Technical specifications

Camera

Sensor size	1/2.8"
Max. resolution	3 MPX
Sensor scan	Progressive
Sensor type	CMOS
Total Pixels (H x V)	2048 x 1536

Lighting performance

WDR type	True WDR
WDR	120 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.008 Lux @ (F1.2, AGC ON)
B/W sensitivity	0.0005 Lux @ (F1.2, AGC ON)
Infrared (IR)	No

Encoding

Video streams	3
Main stream compression	H.264, H.265, MJPEG
Sub stream compression	H.264, MJPEG
Video bit rate	128 kbps to 16 Mbps
Sub stream resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)
Max. resolution @ fps	2048 x 1536 @ 25 fps

Lens

Lens mount type	C/CS (auto iris)
Auto iris	Yes

Network

Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	CGI, ONVIF, PSIA
Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP

Audio

Audio compression	G.711, G.722.1, G.726, MP2L2
Audio in	1 ch. 3.5 mm audio interface (2.0 - 2.4 Vp-p, 1 kOhm)
Audio out	1 ch. 3.5 mm audio interface (Line level, 600 Ohm)

Alarm I/O

Alarm inputs	1
Alarm outputs	1
Alarm I/O connection	Terminal Type

Storage

Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. storage capacity	128GB

Video intelligence

Alarm trigger	Motion detection, Privacy Masking, Video tampering
Video analytics	Advanced motion detection, Audio exception detection, De-focus, Defog, Electronic Image Stabilization (EIS), Face detection, Intrusion detection, Line crossing detection, Object counting, Object left behind, Object removal detection, Region entrance detection, Region exiting detection, Scene change

General

Technology	IP
Video standard	NTSC, PAL
Display modes	Hallway View, Mirror, ROI (Region Of Interest)
Video output	BNC Composite PAL / NTSC
Software compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser

Electrical

Operating voltage	12 VDC / 24 VAC PoE (802.3-af)
Power consumption	10 W
Current consumption	850 mA

Physical

Physical dimensions	70 x 58 x 145 mm 2.75 x 2.28 x 5.71 in.
Net weight	830 g 1.83 lbs.
Colour	Black
Form Factor	Box

Environmental

Operating temperature	-30 to +60°C -22 to +140°F
Environment	Indoor

Regulatory

Compliance	CE, FCC, HALT, REACH, RoHS, UL, WEEE
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