



TVA-1101

1.3 MPX HD ATM Covert Camera ONVIF/PSIA, PAL

Overview

The TruVision IP ATM Covert cameras bring state-of-the-art, high-definition pictures to the mass video surveillance market. With camera resolutions of 1.3 megapixel, represent this IP camera a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions. This camera provides an ideal surveillance for environments such as retail, banking, airports or gaming where detailed image capture is critical for effectively monitoring people and transactions.

Compression & streaming

TruVision cameras utilize H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras were designed to adhere to PSIA and ONVIF S open communication standards, and support a CGI command set for simple integration into any IP system. Video streams can be set for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.

Additional Features

TruVision IP Megapixel cameras simplify remote, live monitoring/playback of edge-recorded video and audio. Recording on the micro SD/SDXC memory card provides a level of redundancy in case of unforeseen network disruptions. These cameras also feature bi-directional audio and alarm inputs and outputs. Privacy masking conceals sensitive scenes and safeguards confidential areas from being observed during live view and recorded on the video file.

Included, is a suite of intelligence features that provides enhanced alarm capabilities that go above and beyond standard motion detection. Examples include: Cross Line Detection, Intrusion Detection, De-focus Detection and Face Detection and more. Each of these features are user-configurable to best suit the installation environment. Additional advanced non-alarm enhancements include the Region of Interest function that ensures specific portions of an image are given priority in terms of video imaging during instances of high network traffic or network degradation.



Standard Features

- Maximum Resolution: 1280x960 @ 25 fps
- Maximum Real Time Resolution: 1280x960 @ 25 fps, 1280 x 720 @ 50fps (50Hz, WDR off)
- Designed to PSIA and ONVIF S open standards
- H.264 compression with triple-streaming functionality
- Edge recording up to 64GB SDHC card
- 1/3" CMOS image sensor
- Digital Day/Night
- 0.01 Lux (Color)
- Up to 120dB Wide Dynamic Range
- ROI (Region of Interest)
- Intelligence (Face detection, audio exception detection, cross line, intrusion detection, de-focus, scene change detection)

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Specifications

Camera	
Sensor:	1.3 MPx 1/3" Progressive Scan CMOS
Day/Night:	Motorized IR Cut Filter
IP Compression/Standard:	H.264(Baseline profile / Main profile/ High profile)/MPEG4/MJPEG
Maximum Resolution (@ FPS):	1280 X 960 (25 FPS)
Maximum Real Time Resolution (@ FPS):	1280 x 960 @ 25fps (50Hz) 1280 x 720 @ 50fps (50Hz, WDR off)
Multiple Streaming:	Triple Streams
Video Bit Rate:	128Kbps to 16 Mbps, adjustable
Sensitivity:	0.01 lux @ f1.2, AGC ON (Color)
S/N Ratio:	50 dB (AGC OFF)
Auto Exposure (shutter):	50 Hz: 1s - 1/100,000s
Composite Output (BNC):	PAL, 1.0 Vp-p @ 75 ohm
Lens :	C/CS (w/auto iris)
Auto Focus	One-touch Auto Back Focus
Electrical	
Voltage Input:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 6.5W
I/O Connection:	Terminal type, 1/1
Network	
Network Protocols:	TCP/IP, UDP, HTTP, DHCP, DNS, DDNS, ezDDNS, DynDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, UPnP, NAT, MULTICAST, 802.1x, Qos, IPv4, IPv6
PoE IEEE:	802.3af
LocalStorage	
Media:	Micro SD/SDXC
Capacity:	Up to 64GB
Audio	
Input:	1 ch. 3.5 mm audio interface(2.0 - 2.4 Vp-p, 1 kOhm)
Output:	1 ch. 3.5 mm audio interface(Line level, 600 Ohm)
Audio Bitrate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps (G.726) / 32-128Kbps(MP2L2)
Camera Alarm	
Basic:	Motion Detection, Tamper Proof, Privacy Mask
Advanced:	Face Detection, Audio Exception Detection, Cross Line, Intrusion Detection, De-focus, Scene Change Detection
Display	
Display mode:	ROI (Region of Interest), Hallway View, Mirror, De-fog, Electronic Image Stabilization
OSD:	Text overlay and picture overlay
Mechanical/ Environmental	
Dimensions:	78x105x32 mm (3.07 x 4.13 x 1.26 in.)
Weight:	210g (0.463 lbs)
Storage Temperature:	-20° to 70°C (-4° to 158°F)
Operating Temperature:	-30° to 60°C (-22° to 140°F)
Environmental Rating:	Indoor
Regulation	
Compliance:	FCC, CE, UL, C-Tick, REACH, RoHS, WEEE
Accessories	
Lens Options	TVL-0101, TVL-0102, TVL-0103, TVL-0104, TVL-0105, TVL-0106

Ordering Information

Part No.	Description
TVA-1101	1.3 MPX HD ATM Covert Camera ONVIF/PSIA, PAL
TVL-1101	
TVL-1102	
TVL-1103	
TVL-1104	
TVL-1105	
TVL-1106	

