

TVA-1101

TruVision ATM Covert Camera, 1.3MPX, PAL , WDR, true D/N, Single Lens Dock, Audio, Alarm, SD/SHDC slot, Intelligence, POE (803.af) /12VDC

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.



Details

- 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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Technical specifications

Camera

Sensor size	1/3"
Max. resolution	1.3 MPX
Sensor scan	Progressive
Sensor type	CMOS
Total Pixels (H x V)	1280 X 960
Digital S/N ratio	50 dB (AGC OFF)
Shutter time	1 to 1/100,000 s

Lighting performance

WDR type	Digital WDR
WDR	120 dB
Digital noise reduction	3D DNR
Day/night	Digital Day/Night
Motorized IR cut filter	No
Color sensitivity	0.01 lux @ F1.2, AGC ON
Infrared (IR)	No

Encoding

Video streams	3
Main stream compression	H.264
Sub stream compression	H.264, MJPEG
Video bit rate	128kbps to 16Mbps
Max. resolution @ fps	1280 x 960 @ 25 fps (50Hz) 1280 x 720 @ 50 fps (50Hz, WDR off)

Lens

Lens type	Covert lens
Motorized zoom	No

Network

Supported video standards	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)
Audio bit rate	64Kbps (G.711) / 16Kbps (G.722.1) / 16Kbps (G.726) / 32-128Kbps (MP2L2)

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	128 GB

Video intelligence

Alarm trigger	Motion detection, Privacy Masking, Video tampering
Video analytics	Audio exception detection, De-focus, Face detection, Intrusion detection, Line crossing detection, Scene change
Intelligent tracking	No

General

Technology	IP
Video standard	PAL
OSD	Picture Overlay, Text Overlay
Display modes	De-Fog, Electronic Image Stabilization, Hallway View, Mirror, ROI (Region Of Interest)
Software compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile

Electrical

Power supply type	PoE in
Power supply value	12VDC
Power consumption	6.5 W max.

Physical

Physical dimensions	78 x 105 x 32 mm
Net weight	210 g
Colour	Black
Form Factor	Discrete

Environmental

Vandal proof	No
Operating temperature	-30 to +60°C -22 to +140°F
Storage temperature	-20 to +70°C -4 to +158°F
Environment	Indoor

Regulatory

Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE
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