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)
# 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 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:** Are separate

## 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

## Local Storage

- **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:** 78×105×32 mm (3.07 × 4.13 × 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

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