



TVD-5403

TruVision IP Indoor Dome Camera, 5 MPX, 2.8 to 12mm Motorized Lens,

Overview

The TruVision line of IP dome 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.

TruVision cameras utilize H.264 and/or H.265 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Motorized varifocal lens technology allows the user to remotely adjust the varifocal lens length and focus the camera with the touch of a button. 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 lines, intrusion, de-focus 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.



Standard Features

- Maximum Resolution: 2592 × 1944
- Maximum Real Time Resolution: 2592 × 1944 @ 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
- 1/1.8" CMOS image sensor
- Motorized IR Cut Filter
- Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux IR on
- Motorized Lens 2.8 to 12mm
- Up to 30m IR illumination
- Digital 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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Specifications

| Camera | | Storage Temperature: | -30° to 60°C (-22° to 140°F) |
|---------------------------------------|---|------------------------|--------------------------------|
| Sensor: | 5 MPX 1/1.8" Progressive Scan CMOS | Operating Temperature: | -30° to 60°C (-22° to 140°F) |
| Day/Night: | Motorized IR Cut Filter | Environmental Rating: | N/A |
| IP Compression/Standard: | H.265/ H.264 / MJPEG | Vandal Rating: | IK10 |
| Maximum Resolution (@ FPS): | 2592 × 1944 (25 fps) | Outdoor: | No |
| Maximum Real Time Resolution (@ FPS): | 50Hz: 25fps (2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) | Regulation | |
| Multiple Streaming: | Triple Streams | Compliance: | FCC, CE, UL, WEEE, RoHS, REACH |
| Video Bit Rate: | 128 Kbps to 16 Mbps, adjustable | Accessories | |
| S/N Ratio: | 52 dB (AGC OFF) | Brackets: | TBD |
| Auto Exposure (shutter): | 50 Hz: 1/3s to 1/100,000s 60 Hz: 1/3s to 1/100,000s | | |
| Composite Output (BNC): | PAL, 1.0 Vp-p @ 75 ohm | | |
| Lighting performance | | | |
| Wide Dynamic Range | DWDR | | |
| WDR in dB | N/A | | |
| Digital noise reduction | 3D DNR | | |
| Highlight compensation (HLC) | No | | |
| Day/Night | True D/N | | |
| Motorized IR Cut Filter | Yes | | |
| Color sensitivity | Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux IR ON | | |
| IR Range | Up to 30 m | | |
| IR Wavelength | 850nm | | |
| Lens | | | |
| Control type: | DC | | |
| Focal length: | 2.8 to 12mm | | |
| Zoom lens: | Motorized | | |
| Autofocus: | Yes | | |
| Electrical | | | |
| Voltage Input: | POE (802.3af) /12VDC | | |
| Power Consumption: | 9 W | | |
| Current: | 750 mA | | |
| Auxiliary Power | 50mA @12VDC Line level | | |
| Network | | | |
| Network Protocols: | TCP/IP, HTTP, DHCP, DNS, DDNS, ezDDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTP, FTP, 802.1x, Qos, IPv6. ONVIF, PSIA, CGI | | |
| PoE IEEE: | 802.3af | | |
| Standard & Integration | ONVIF Profile (G,S), PSIA, CGI | | |
| LocalStorage | | | |
| Media: | MicroSD/micro SDHC/ microSDXC | | |
| Capacity: | Up to 128GB | | |
| Input: | Audio in / Mic in (line level) | | |
| Output: | Audio out | | |
| Audio bit rate (protocol) | G.711ulaw, G.711alaw, MP2L2, G.726, PCM | | |
| Camera Alarm | | | |
| Basic: | Motion Detection, Tamper Proof, Privacy Mask | | |
| Advanced: | 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 | | |
| Input/Output: | 1 input / 1 output | | |
| Display | | | |
| Display mode: | N/A | | |
| OSD: | N/A | | |
| Mechanical/ Environmental | | | |
| Camera type: | Dome | | |
| Dimensions: | Ø 140 × 121.8 mm (5.51 × 4.79 in.) | | |
| Weight: | 1400 g (3.09 lbs.) | | |

Ordering Information

| Part No. | Description |
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| TVD-5403 | TruVision IP Indoor Dome Camera, 5 MPX, 2.8 to 12mm Motorized Lens, DWDR, 30m IR |

