

TVD-5406

TruVision IP Outdoor Dome Camera, H.265/H.264, 3.0MPX, 2.8 to 12mm

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.



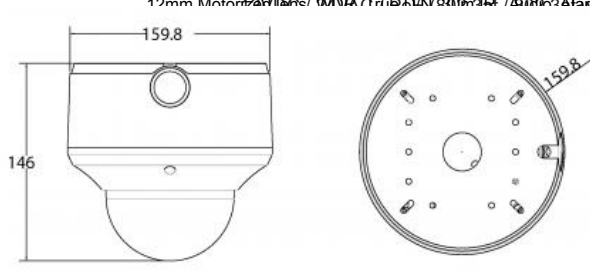
Standard Features

- Maximum Resolution: 2048 × 1536
- Maximum Real Time Resolution: 2048 × 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
- Motorized Lens 2.8 to 12mm
- Up to 30m IR illumination
- 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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Specifications

Camera		Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP						
Sensor size	1/2.8"	Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, ezDDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, QoS, IPv6, ONVIF, PSIA, CGI						
Max. resolution	3 MPX	PoE IEEE:	802.3at						
Sensor scan	Progressive	Standard & Integration	ONVIF Profile (G,S), PSIA, CGI						
Sensor type	CMOS	Audio							
Total Pixels (H x V)	2048 x 1536	Audio compression	G.711, G.722.1, G.726, MP2L2						
Effective pixels (H x V)	2048 x 1536	Audio in	1						
Sensor:	3 MPX 1/2.8" Progressive Scan CMOS	Audio out	1						
Day/Night:	Motorized IR Cut Filter	Alarm I/O							
IP Compression/Standard:	H.265/ H.264 / MJPEG	Alarm inputs	1						
Maximum Resolution (@ FPS):	2048 x 1536 @ 25 fps	Alarm outputs	1						
Maximum Real Time Resolution (@ FPS):	50Hz: 25 fps (2048 x 1536), 50 fps (1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30 fps (2048 x 1536), 60 fps (1920 x 1080, 1280 x 960, 1280 x 720)"	Alarm I/O connection	Terminal Type						
Multiple Streaming:	Triple Streams	Storage							
Video Bit Rate:	128 Kbps to 16 Mbps, adjustable	Local storage support	Yes						
S/N Ratio:	52 dB (AGC OFF)	Local storage type	Built-in Micro SD/SDHC/SDXC card slot						
Auto Exposure (shutter):	50 Hz: 1/3s to 1/100,000s 60 Hz: 1/3s to 1/100,000s	Max. storage capacity	128GB						
Composite Output (BNC):	PAL, 1.0 Vp-p @ 75 ohm	Video intelligence							
Lighting performance		Alarm trigger	Motion detection, Privacy Masking, Video tampering						
WDR type	True WDR	Video analytics	Advanced motion detection, Audio exception detection, Line crossing detection, De-focus, Defog, Electronic Image Stabilization (EIS), Face detection, Intrusion detection, Object counting, Object left behind, Object removal detection, Region entrance						
WDR	120 dB	General							
Digital noise reduction	3D DNR	Technology	IP						
Day/night	True Day/Night	Video standard	NTSC, PAL						
Motorized IR cut filter	Yes	Display modes	Hallway View, Mirror, ROI (Region Of Interest)						
Color sensitivity	0.008 Lux @ (F1.2, AGC ON)	Video output	BNC Composite PAL / NTSC						
B/W sensitivity	0 lux with IR on	Software compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser						
Infrared (IR)	Yes	Electrical							
IR sensitivity	0 lux with IR	Power supply type	VDC						
IR range	Up to 30 m	Power supply value	12 VDC / 24 VAC						
IR wavelength	850 mm	Part No. Description							
Wide Dynamic Range	WDR	TVD-5406	TruVision IP Outdoor Dome Camera, H.265/H.264, 3.0MPX, 2.8 to 12mm Motorized IR Cut Filter, ONVIF Profile G,S, PSIA, CGI						
WDR in dB	120dB	Current consumption: 1.420 A @ 12 VDC / 1.010 A @ 24 VAC							
Digital noise reduction	3D DNR								
Highlight compensation (HLC)	No	Unit: mm							
Day/Night	True D/N	<table border="1"> <tr> <td>Operating temperature</td> <td>-40 to +60°C
-40 to +140°F</td> </tr> <tr> <td>Environment</td> <td>Outdoor</td> </tr> <tr> <td>IP rating</td> <td>66</td> </tr> </table>		Operating temperature	-40 to +60°C -40 to +140°F	Environment	Outdoor	IP rating	66
Operating temperature	-40 to +60°C -40 to +140°F								
Environment	Outdoor								
IP rating	66								
Motorized IR Cut Filter	Yes	Regulatory							
Color sensitivity	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux IR ON	Compliance							
IR Range	Up to 30 m	CE, FCC, HALT, REACH, RoHS, UL, WEEE							
IR Wavelength	850nm	Local Storage							
Encoding		Media:	MicroSD/micro SDHC/ microSDXC						
Sub stream compression	H.264, MJPEG	Capacity:	Up to 128GB						
Video bit rate	128kbps to 16Mbps	Input:	Audio in / Mic in (line level)						
Sub stream resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)	Output:	Audio out						
Max. resolution @ fps	2048 x 1536 @ 25 fps	Audio bit rate (protocol)	G.711ulaw, G.711alaw, MP2L2, G.726, PCM						
Lens		Camera Alarm							
Lens type	Motorized	Ordering Information							
Focal length	2.8 to 12 mm								
Auto iris	Yes								
Auto focus	Yes								
Motorized zoom	Yes								
Control type:	DC								
Focal length:	2.8 to 12mm								
Zoom lens:	Motorized								
Autofocus:	Yes								
Auto Iris:	Yes								
Network									
Supported video standards	CGI, ONVIF, PSIA								