

TVD-5502

TruVision IP Dome Camera, H.265/H.264, 8MPX

Overview

The TruVision Series 5 line of IP bullet 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 3 or 8 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 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.



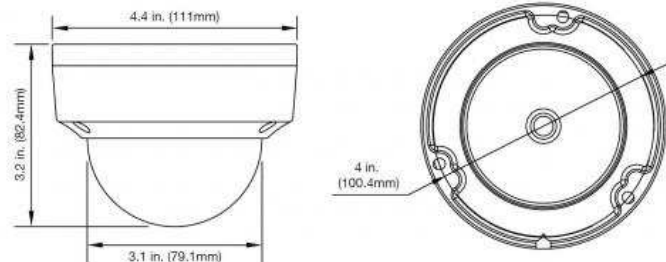
Standard Features

- Maximum Resolution: 3840 x 2160/4K
- Maximum Real Time Resolution: 2560 x 1920 @ 25/30 fps (50/60 Hz)
- 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
- Motorised IR Cut Filter
- Low Light: Color: 0.01 Lux @ (f1.2, AGC ON), 0 Lux IR on
- Fixed Lens 4mm
- Up to 30m IR illumination
- Up to 120dB Wide Dynamic Range
- On board intelligence

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Specifications

Camera		Max Storage Capacity		128GB
Sensor Size	1/2.8"	Local Storage Support		Yes
Sensor Scan	Progressive	Local Storage Type		Built-in Micro SD/SDHC/SDXC card slot
Sensor Type	CMOS	Video intelligence		
Max. Resolution	8 MPX	Basic Alarm Detection		Motion, Privacy Masking, Tamper
Total Pixels (H x V)	3840 x 2160	Video Analytics		Advanced motion detection, Cross line, Face detection, Intrusion detection, Object left behind, Object removal
Digital S/N ratio (dB)	50 dB (AGC Off)	General		
Electronic Shutter	1/3s - 1/100,000s	Technology		IP
Day/Night:	Motorized IR Cut Filter	Display Modes		Hallway View, Mirror, ROI (Region Of Interest)
IP Compression/Standard:	H.265/ H.264 / MJPEG	Video Standard		NTSC, PAL
Maximum Resolution (@ FPS):	3840 x 2160 @ 20fps	Software Compatibility		OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser
Maximum Real Time Resolution (@ FPS):	2560 x 1920 (@ 25fps)	Electrical		
Multiple Streaming:	Triple Streams	Power supply type		PoE in
Video Bit Rate:	32 Kbps to 16 Mbps, adjustable	Power supply value		12 VDC
Composite Output (BNC):	N/A	Power consumption		7 W
Lighting performance		Current consumption		0.65 A
Wide dynamic range (WDR)	True WDR	Physical		
WDR	120 dB	Form Factor		Dome
Digital Noise Reduction	3D DNR	Physical dimensions		70 x 155 mm
Day/Night	True Day/Night	Net weight		410 g
Motorized IR Cut Filter	Yes	Colour		Grey
Color Sensitivity	0.028 lux @ (f2, AGC ON); 0 lux with IR	Environmental		
B/W Sensitivity	0 lux with IR on	Operating temperature		-30 to +60°C -22 to +140°F
InfraRed (IR)	Yes	Storage temperature		-30 to +60°C -22 to +140°F
IR Sensitivity	0 lux with IR	Relative humidity		<95% (non-condensing)
IR Range	Up to 30 m	Vandal proof		No
Wide Dynamic Range	WDR	Environment		Outdoor
Encoding		IP-rating		67
Video Streams	3	Standards & regulation		
Video Compression Main Stream	H.264 SVC, H.265	Compliance		CE, FCC, HALT, REACH, RoHS, UL, WEEE
Video Compression Sub Stream	H.264, M-JPEG	LocalStorage		
Sub Stream Supported Resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)	Media:		MicroSD/micro SDHC/ microSDXC
Max. Resolution @ fps	3840 x 2160 @20 fps	Part No. Description		
Video Bit Rate	32kbps to 16Mbps	TVD-5502 TruVision IP Dome Camera, H.265/H.264, 8MPX		
Lens		Regulation Compliance: FCC CE UL WEEE RoHS REACH		
Focal length	2.8mm			
F-stop	f2.0			
Auto-iris	Yes			
Lens Type	Fixed			
Network				
Supported Network Protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, Qos, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP			
Supported Video Standards	CGI, ONVIF, PSIA			
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, ezDDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv6. ONVIF, PSIA, CGI			
PoE IEEE:	802.3af			
Standard & Integration:	ONVIF Profile (G,S), PSIA, CGI			
Audio				
Audio In	1 Line-in			
Audio Out	1			
Audio Compression	G.711A, G.711U, G.722.1, G.726, MP2L2			
Alarm I/O				
Alarm Outputs	1			
Alarm I/O Connection	Terminal Type			
Alarm Inputs	1			
Storage				