

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.



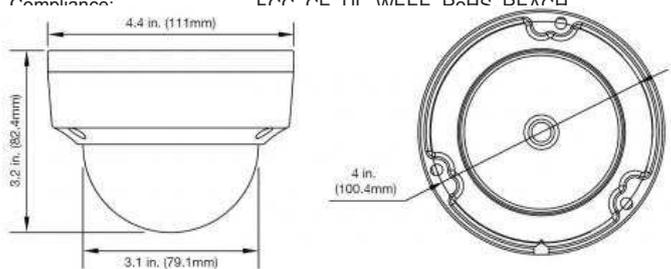
Standard Features

- Maximum Resolution: 3840 x 2160/4K
- Maximum Real Time Resolution: 2560 x 1929 @ 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	
Sensor Size	1/2.8"	Local Storage Support	128GB
Sensor Scan	Progressive	Local Storage Type	Yes
Sensor Type	CMOS		Built-in Micro SD/SDHC/SDXC card slot
Max. Resolution	8 MPX	Video intelligence	
Total Pixels (H x V)	3840 x 2160	Basic Alarm Detection	Motion, Privacy Masking, Tamper
Digital S/N ratio (dB)	50 dB (AGC Off)	Video Analytics	Advanced motion detection, Cross line, Face detection, Intrusion detection, Object left behind, Object removal
Electronic Shutter	1/3s - 1/100,000s	General	
Day/Night:	Motorized IR Cut Filter	Technology	IP
IP Compression/Standard:	H.265/ H.264 / MJPEG	Display Modes	Hallway View, Mirror, ROI (Region Of Interest)
Maximum Resolution (@ FPS):	3840 x 2160 @ 20fps	Video Standard	NTSC, PAL
Maximum Real Time Resolution (@ FPS):	2560 x 1920 (@ 25fps)	Software Compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser
Multiple Streaming:	Triple Streams	Electrical	
Video Bit Rate:	32 Kbps to 16 Mbps, adjustable	Power supply type	PoE in
Composite Output (BNC):	N/A	Power supply value	12 VDC
		Power consumption	7 W
		Current consumption	0.65 A
Lighting performance		Physical	
Wide dynamic range (WDR)	True WDR	Form Factor	Dome
WDR	120 dB	Physical dimensions	70 x 155 mm
Digital Noise Reduction	3D DNR	Net weight	410 g
Day/Night	True Day/Night	Colour	Grey
Motorized IR Cut Filter	Yes	Environmental	
Color Sensitivity	0.028 lux @ (f2, AGC ON); 0 lux with IR	Operating temperature	-30 to +60°C -22 to +140°F
B/W Sensitivity	0 lux with IR on	Storage temperature	-30 to +60°C -22 to +140°F
InfraRed (IR)	Yes	Relative humidity	<95% (non-condensing)
IR Sensitivity	0 lux with IR	Vandal proof	No
IR Range	Up to 30 m	Environment	Outdoor
Wide Dynamic Range	WDR	IP-rating	67
Encoding		Standards & regulation	
Video Streams	3	Compliance	CE, FCC, HALT, REACH, RoHS, UL, WEEE
Video Compression Main Stream	H.264 SVC, H.265	LocalStorage	
Video Compression Sub Stream	H.264, M-JPEG	Media:	MicroSD/micro SDHC/ microSDXC
Sub Stream Supported Resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)	Part No. Description	
Max. Resolution @ fps	3840 x 2160 @20 fps	TVD-5502	TruVision IP Dome Camera, H.265/H.264, 8MPX
Video Bit Rate	32kbps to 16Mbps	Compliance:	CE, FCC, HALT, REACH, RoHS, UL, WEEE
Lens			
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			