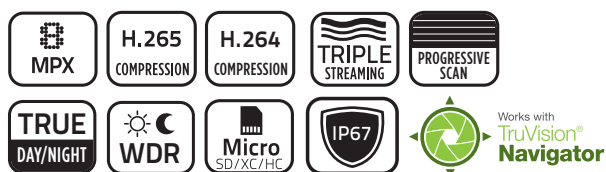




IP VF Dome Camera



TVD-5605 / TVD-5606

TVD-5605H / TVD-5606H

OVERVIEW

The TruVision line of IP dome 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 video resolutions from 4 megapixel to 4K, 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.265 and/or H.264 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 and focus the camera with the touch of a button. 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 line detection, intrusion detection and face detection features. Each is user-configurable to best suit the installation environment. A Region of Interest function (ROI) ensures specific portions of an image are given priority during instances of high network traffic or network degradation.

STANDARD FEATURES

- H.265 and/or H.264 compression with triplestreaming functionality
- Motorized zoom lens 2.8 to 12 mm
- Motorised IR Cut Filter
- ONVIF Profile G and S open standards
- Edge recording up to 128 GB SDHC card
- Up to 30 m IR illumination
- Up to 120 dB Wide Dynamic Range
- Video intelligence: intrusion detection, cross line detection

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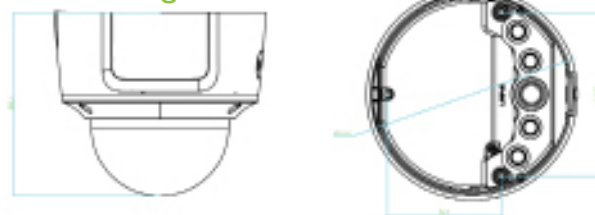
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Specifications

		4 MPx	8 MPx
Camera	Sensor size	1/2.8"	1/2.5"
	Max. resolution	4 MPX	8 MPX
	Sensor scan	Progressive	
	Sensor type	CMOS	
	Shutter time	1/3 to 1/100,000 s	
Lighting performance	WDR type	True WDR	
	WDR	120 dB	
	Digital noise reduction	3D DNR	
	Day/night	True Day/Night	
	Motorised IR Cut Filter	Yes	
	Color sensitivity	0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON)	
	B/W sensitivity	0 lux with IR on	
	B/W trigger	Auto/Schedule/Triggered by alarm in	
	Infrared (IR)	Yes	
	IR range	Up to 30 m	
Encoding	Video streams	3	
	Main stream compression	H.264, H.265	
	Sub stream compression	H.264, H.265, MJPEG	
	Third stream compression	H.264, H.265	
	Video bit rate	32 Kbps to 16 Mbps	
	Main stream resolutions	2304 x 1296, 2560 x 1440, 1920 x 1080 (1080p)	3072 x 1728, 3840 x 2160, 2560 x 1440, 1920 x 1080 (1080p)
	Sub stream resolutions	320 x 240 (QVGA), 640 x 360 (nHD), 640 x 480 (VGA), 704 x 576 (4CIF)	
	Third stream resolutions	352 x 288 (CIF), 640 x 360 (nHD), 1280 x 720 (XVGA)	
	Max. resolution @ fps	2560 x 1440 @ 25/30 fps	3840 x 2160 @ 12.5/15 fps
Lens	Lens type	Varifocal	
	Focal length	2.8 to 12 mm (horizontal FOV: 98 to 28°, vertical FOV: 51 to 16° diagonal FOV: 115 to 32°)	2.8 to 12 mm (Horizontal field of view: 105 to 34.5°, Vertical field of view: 55 to 19°, Diagonal field of view: 125 to 40°)
	f-stop	F1.6	
	Auto iris	Yes	
	Auto focus	Yes	
	Motorised zoom	Yes	
Network	Supported video standards	ISAPI, ONVIF Profile G, ONVIF Profile S	
	Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP	
Audio	Audio compression	G.711A, G.722.1, G.726, MP2L2, PCM	
	Audio in	1 line in/mic.in	
	Audio out	1 line out	
Alarm I/O	Alarm inputs	1	
	Alarm outputs	1 (up to 12 VDC, 30 mA)	
	Alarm I/O connection	Terminal block	

Storage	Local storage support	Yes
	Local storage type	Built-in Micro SD/SDHC/SDXC card slot
	Max. storage capacity	128GB
Video intelligence	Alarm trigger	HDD error, HDD full, Illegal login, IP address conflict, Motion detection, Network disconnected, Video tampering
	ROI	Support 1 fixed region for main stream and sub-stream
	Video analytics	Face detection, Intrusion detection, Line crossing detection
General	Technology	IP
	Video standard	PAL
	Display modes	Hallway View, Mirror, ROI (Region Of Interest)
	Software compatibility	OnGuard, TruVision Navigator, TVRmobile, Web Browser
Electrical	Operating voltage	12 VDC $\pm$ 25%, terminal block / PoE (802.3af, class 3)
	Power consumption	max. 10 W @ 12 VDC
	Current consumption	0.8 A @ 12 VDC
Physical	Physical dimensions	153 x 133 mm
	Net weight	1330 g
	Colour	Grey
	Form Factor	Dome
Environmental	Vandal proof	Yes
	Operating temperature	-30 to +60°C
	Relative humidity	<95% (non-condensing)
	Environment	Outdoor
	IP rating	IP67
Compliance	Impact rating	IK10
		CE, FCC, REACH, RoHS, UL, WEEE

Dimensional Diagram



Ordering Information

TVD-5605	TruVision 4MPx, H.265/H.264, IP VF Dome Camera, 2.8 to 12 mm motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67
TVD-5605H	TruVision 4MPx (as per TVD-5605) with cable harness
TVD-5606	TruVision 8MPx, H.265/H.264, IP VF Dome Camera, 2.8 to 12 mm motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67
TVD-5606H	TruVision 8MPx (as per TVD-5606) with cable harness
Accessories - Wall Mount	
TVD-SNB	TruVision Dome swan neck
TVD-CB7	TruVision Dome 6 inch cup base
Accessories - Pendant Mount	
TVD-PPB	TruVision Dome pendant mount
TVD-CB7	TruVision Dome 6 inch cup base