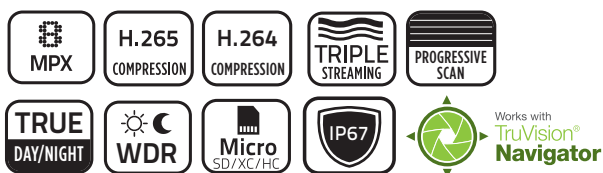


# IP VF Motorised Turret Camera



## OVERVIEW

The TruVision line of IP turret 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. 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: face detection, intrusion detection, cross line detection
- Available in grey and white housing

# IP Motorised Lens Turret Camera

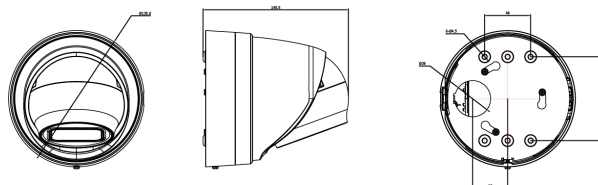
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## Specifications

		4MPx	8MPx
Camera	Sensor size	1/2.8"	1/2.5"
	Max. resolution	4 MPX	8 MPX (4K)
	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	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 to 16 Mbps	
	Main stream resolutions	2304 x 1296, 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	Fixed
Focal length		2.8 mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114°	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, RTP, RTCP, 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	
Audio 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 ± 25%, Φ 5.5 mm coaxial power plug, PoE (802.3af, class 3)
	Power consumption	max. 6 W @ 12 VDC
	Current consumption	0.5 A @ 12 VDC
Physical	Physical dimensions	136 x 146 mm
	Net weight	1200 g
	Colour	Grey or White
Environmental	Form Factor	Turret
	Vandal proof	Yes
	Operating temperature	-30 to +60°C
	Relative humidity	<95% (non-condensing)
	Environment	Outdoor
	IP rating	IP67
	Impact rating	IK10
<b>Compliance</b>	CE, FCC, REACH, RoHS, UL, WEEE, C-TICK	



## Ordering Information

TVT-5609	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray
TVT-5609H	TruVision 4MPx (as per TVT-5609), Gray with cable harness
TVT-5610	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, White
TVT-5610H	TruVision 4MPx (as per TVT-5610), White with cable harness
TVT-5611	TruVision 8MPx/4K, H.265/H.264, IP VF Turret Camera, 2.8~12mm motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray
TVT-5611H	TruVision 8MPx/4K (as per TVT-5611), Gray with cable harness
<b>Accessories - Wall Mount</b>	
TVD-SNB	TruVision Dome swan neck
TVD-CB6	TruVision Dome 5 inch cup base (available for wall mount or pendant mount)
<b>Accessories - Pendant Mount</b>	
TVT-PPB	TruVision Dome pendant mount

Specifications subject to change without notice.

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