

2MPx and 4MPx IP Wedge IR Cameras

Series 6 IP Cameras



ONVIF® | S | G

OVERVIEW

TruVision® IP Megapixel Wedge IR Cameras by Interlogix bring high definition images to the mass video surveillance market. With 2MPx, or 4MPx resolution options, these cameras provide flexibility for a wide variety of applications.

The IP Megapixel Wedge IR Cameras adhere to ONVIF® Profile S and G open communications standards as well as CGI command set support for simple integration into standard IP systems. By utilizing an integrated browser and micro SD memory card storage capability, these cameras simplify remote, live monitoring/playback of edge-recorded audio and video. Memory card recording also helps protect data in the event of network disruptions.

Cross line, intrusion, face detection, and privacy masking provide additional flexibility when monitoring key areas of a facility. These features alert the user when key exceptions are triggered, reducing the amount of time and effort required when responding to alarms.

Network security features include network disconnect, IP address conflict and illegal login detection. These features in addition to integrated motion and tamper detection provide a secure video solution.



STANDARD FEATURES

Video

- 2MPx or 4MPx resolution options
- H.265/H.264/MJPEG (on substream) compression technology with triple-streaming capability
- 2.0mm or 2.8mm fixed lens options
- ONVIF Profile S and G open communications standards compatibility

Video Enhancements

- WDR 120 dB
- True D/N functionality and infrared illuminators
- 33 ft. (10m) IR range

Alarm Intelligence

- Integrated motion and tamper detection
- Network disconnected and IP address conflict detection
- Illegal login detection

Audio and Edge Recording

- Edge recording on up to 128GB micro SD/SDHC/SDXC card for video playback (card not included)




Installation and Environment




- IP66 Environmental rating
- TruVision Device Manager software to access newly added system devices
- Mounting adapter plate

Warranty

- 3-year warranty

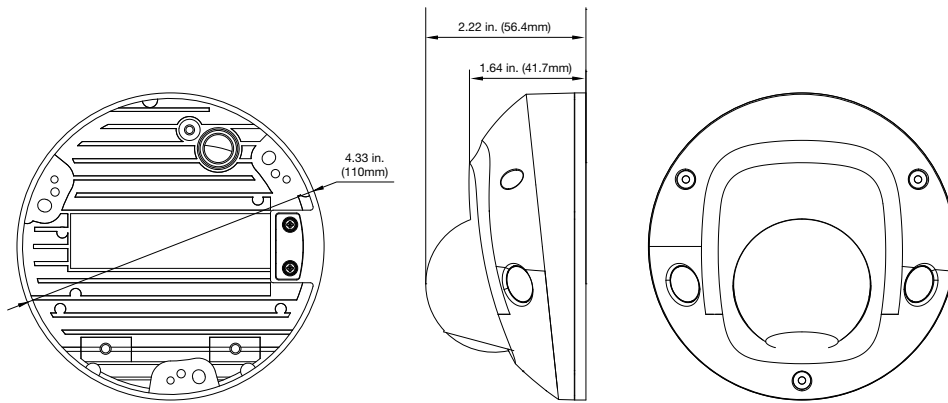
Specifications

	PART NO.	TVW-5601	TVW-5602 / TVW-5603 / TVW-5604	TVW-5605	
					
Housing		Gray	Gray / White / Black	Gray	
Camera	Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	
	Resolution	2MPx		4MPx	
	Day/Night	True D/N, IR cut filter			
	IP Compression/Standard	H.265 / H.264 / MJPEG			
	Main Stream	H.265 / H.264			
	Substream	H.265 / H.264 / MJPEG			
	3rd Stream	H.265 / H.264			
	Multiple Streaming	Triple Stream			
	Maximum Resolution	1920 x 1080		2560 x 1440	
	Main Stream Real-Time Resolution	50Hz: 25 fps (1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30 fps (1920 x 1080, 1280 x 960, 1280 x 720)		50Hz: 25 fps (2560 x 1440, 2304 x 1296, 1920 x 1080) 60Hz: 30 fps (2560 x 1440, 2304 x 1296, 1920 x 1080)	
	Substream Real-Time Resolution	50Hz: 25 fps (704 x 576, 640 x 480, 640 x 360, 320 x 240) 60Hz: 30 fps (704 x 480, 640 x 480, 640 x 360, 320 x 240)			
	3rd Stream Real-Time Resolution	50Hz: 25 fps (1920 x 1080, 1280 x 720, 640 x 360, 352 x 288) 60Hz: 30 fps (1920 x 1080, 1280 x 720, 640 x 360, 352 x 240)		50Hz: 25 fps (1280 x 720, 640 x 360, 352 x 288) 60Hz: 30 fps (1280 x 720, 640 x 360, 352 x 240)	
	Video Bit Rate	32 Kbps to 16 Mbps			
	Wide Dynamic Range	120 dB			
	Digital Noise Reduction	3D DNR			
	Minimum Illumination	Color: 0.005 lux @ (f1.2, AGC On), 0 lux with IR; Color: 0.009 lux @ (f1.6, AGC On), 0 lux with IR	Color: 0.01 lux @ (f2.25, AGC On), 0 lux with IR; Color: 0.028 lux @ (f2.0, AGC On), 0 lux with IR		Color: 0.01 lux @ (f1.2, AGC On), 0 lux with IR; Color: 0.018 lux @ (f1.6, AGC On), 0 lux with IR
	Digital S/N Ratio	50 dB (AGC Off)			
Auto Exposure (shutter)	1/3 s to 1/100,000 s				
Lens	2.0mm: horizontal FOV: 132°, vertical FOV: 77°, diagonal FOV: 153°	2.8mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135°		2.8mm: horizontal FOV: 98°, vertical FOV: 72°, diagonal FOV: 129°	
Focus	Fixed				
IR Range	33 ft. (10m)				
Video Output	N/A				
Video Connector	N/A				
Network	Ethernet Port	1 RJ45 10M/100M auto-negotiate			
	Network Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour			
Local Storage	Media	Micro SD/SDHC/SDXC Card			
	Capacity	128GB (card not included)			
Audio	Input	2 inputs (line in or mic in, built-in microphone)			
	Output	1 output (line out, 3.5mm), mono sound			
	Audio bit rate (protocol)	G.711 / G.722 / G.726 / MP2L2 / PCM			
Camera Alarms	Intelligence	Motion detection, Face detection, Cross line detection (up to 4 lines), Intrusion detection (up to 4 regions), Privacy mask, Video tampering, Network disconnected, IP address conflict, Illegal login, HDD full, HDD error			
	Input/Output	1 in / 1 out			
Interoperability	Standard	ONVIF Profile (S, G), CGI, ISAPI			
Display	Display Mode	Rotate mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser			
	On Screen Display (OSD)	Text overlay			

PART NO.		TVW-5601	TVW-5602 / TVW-5603 / TVW-5604	TVW-5605
				
Electrical/ Mechanical	Voltage Input	12VDC, PoE (IEEE 802.3-af)		
	Power Consumption	12VDC, 0.8A max, 8W		
	Auxiliary Output	NA		
	Dimensions	4.33 x 2.22 in. (110 x 56.4mm)		
	Weight	0.87 lbs. (395g)		
Environmental	Storage Temperature	-22°F to +140°F (-30°C to +60°C)		
	Operating Temperature	-22°F to +140°F (-30°C to +60°C), Humidity 95% or less (non-condensing)		
	Environmental Rating	IP66		
	Vandal Rating	IK8		
Regulation	Compliance	EMC USA, EMC Europe, UL/cUL, WEEE, LVD, RoHS, REACH, China RoHS		

Dimensional Diagrams

TVW-5601, TVW-5602, TVW-5603, TVW-5604, TVW-5605 Fixed Lens Wedge Camera
(mounting adapter plate included)



2MPx and 4MPx IP Wedge IR Cameras

Series 6 IP Cameras



Ordering Information

TVW-5601	TruVision® 2MPx, H.265/H.264, IP Fixed Lens Wedge Camera, 2.0mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, Gray
TVW-5602	TruVision 2MPx, H.265/H.264, IP Fixed Lens Wedge Camera, 2.8mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, Gray
TVW-5603	TruVision 2MPx, H.265/H.264, IP Fixed Lens Wedge Camera, 2.8mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, White
TVW-5604	TruVision 2MPx, H.265/H.264, IP Fixed Lens Wedge Camera, 2.8mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, Black
TVW-5605	TruVision 4MPx, H.265/H.264, IP Fixed Lens Wedge Camera, 2.8mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, Gray

Accessories

For Fixed Lens Wedge (TVW-5601, TVW-5602, TVW-5603, TVW-5604, TVW-5605)

DR-RWM	TruVision Wall Mount (use w/DR-RWM-AD Adapter)
DR-RWM-AD	TruVision Adapter for Fixed Lens Dome (use w/DR-RWM or TVD-M2-WM)
TVB-2G-AD	TruVision Double Gang Box Adapter Plate
TVD-BB3	TruVision Dome Back Box (use w/fixed lens dome)
TVD-BB3A	TruVision Angled Dome Back Box (use w/fixed lens dome)
TVD-CB2	TruVision 2-inch Cup Base (use w/TVD-CBW, TVD-SNB, TVD-PPB)
TVD-LWB-1	TruVision Dome Wall Mount, L-shape
TVD-LWB-AD	TruVision TVD-LWB-1 Wall Mount Adapter Plate to TVD-SNB-BB
TVD-LWB-S	TruVision Dome Shield (use w/TVD-LWB-1)
TVD-M2-WM	TruVision Dome Wall Mount (use w/DR-RWM-AD Adapter)
TVD-CBW	TruVision Dome Cup Base Wall Mount (use w/TVD-CB2)
TVD-M-CMA	TruVision Corner Mount Adapter (use w/TVD-SNB, TVD-M2-WM)
TVD-M-PMA	TruVision Pole Mount Adapter (use w/TVD-SNB, TVD-M2-WM)
TVD-PPB	TruVision Pendant Mount (use w/TVD-CB2)
TVD-SNB	TruVision Swan Neck Wall Mount (use with TVD-CB2)
TVD-SNB-BB	TruVision TVD-SNB Swan Neck Wall Mount Back Box



interlogix.com

Specifications subject to change without notice.

© 2019 United Technologies Corporation.

All rights reserved.

Interlogix is part of UTC Climate, Controls & Security,
a unit of United Technologies Corporation.

2019/01 (GSP-2725)