

## TVW-5301

TruVision Wedge, 2 MPX, True D/N, WDR, 2mm @ F2.0, Built-in Mic, Audio,

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

The IP Megapixel Wedge Cameras also adhere to ONVIF® Profile G and S open communications standards as well as support CGI command set 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.



### Standard Features

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- Wedge camera
- Real time Full HD 1080p resolution
- Maximum resolution Full HD 1080p
- H.264 with dual streaming functionality
- 1/3" CMOS Progressive Scan
- Motorized IR cut filter
- Wide Dynamic Range (120dB)
- Fixed 2 mm Lens
- Grey housings
- Designed to PSIA and ONVIF Profile G and S open standards

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## Specifications

Camera		Audio bit rate (protocol)	
Sensor size	1/3"	G.722.1, G.711ulaw, G.711alaw, MP2L2 and G.726	
Max. resolution	2 MPX	<b>Alarm I/O</b>	
Sensor scan	Progressive	Alarm inputs	1
Sensor type	CMOS	Alarm outputs	1
Total Pixels (H x V)	1920 x 1080	Alarm I/O connection	Terminal Type
Effective pixels (H x V)	1920 x 1080	<b>Storage</b>	
Sensor Size:	1/3"	Local storage support	Yes
SD / MPX:	2MPX	Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Sensor scan:	Progressive Scan	Max. storage capacity	128GB
Sensor type:	CMOS	<b>Video intelligence</b>	
IP Compression / Standard:	H.264 / MJPEG	Alarm trigger	Motion detection, Privacy Masking, Video tampering
Maximum Resolution:	1920 x 1080	Video analytics	Line crossing detection, Intrusion detection
Maximum Real-TimeResolution (@fps):	1920 x 1080 @ 25/30 fps	Intelligent tracking	No
Digital S/N ratio:	50dB (AGC OFF)	<b>General</b>	
Electronic shutter:	1/3s to 1/10.000s	Technology	IP
Certification:	FCC, CE, UL, WEEE, RoHS, REACH	Video standard	NTSC, PAL
<b>Lighting performance</b>		Display modes	Hallway View, Mirror, ROI (Region Of Interest)
WDR type	True WDR	Software compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser
WDR	120 dB	<b>Electrical</b>	
Digital noise reduction	3D DNR	Power supply type	VDC
Day/night	True Day/Night	Power supply value	12 VDC
Motorized IR cut filter	Yes	Power consumption	5 W
Color sensitivity	0.01 lux @ (F1.2, AGC ON)	Current consumption	0.42 A
Infrared (IR)	Yes	<b>Physical</b>	
Wide Dynamic Range:	WDR	Physical dimensions	99 x 97 x 53 mm
WDR in dB:	120dB	Net weight	409 g
Digital noise reduction:	3D DNR	Colour	Grey
Day/Night:	True Day/Night	Form Factor	Wedge
Motorized IR Cut Filter:	Yes	<b>Environmental</b>	
Minimum Illumination:	0.01 lux @ f1.2, AGC ON	Vandal proof	Yes
IR Range:	No	Operating temperature	-30 to +60°C -22 to +140°F
IR Wavelength:	No	Environment	Outdoor
<b>Encoding</b>		IP rating	IP67
Main stream compression	H.264	<b>Part No.</b> Description	
Sub stream compression	H.264, MJPEG	Compliance	CE, FCC, PAET, REACH, RoHS, UL, WEEE
Video bit rate	128kbps to 16Mbps	TVW-5301	TruVision Wedge, 2 MPX, True D/N, WDR, 2mm @ F2.0, Built-in Mic, Audio, Alarm, MICRO SD/SDHC/SDXC slot PoE (12VDC)
Main stream resolutions	1920 x 1080 (1080p)	Housing	
Max. resolution @ fps	1920 x 1080 @ 25 fps	<p>Technical drawings of the TVW-5301 camera housing. The drawings include a front view, a side view, and a top view. Dimensions are provided in millimeters (mm) and inches ("). The front view shows a width of 83.5 (3.29") and a height of 145 (5.71"). The side view shows a depth of 53 (2.09") and a height of 55.4 (1.45"). The top view shows a width of 149 (3.91").</p>	
<b>Lens</b>		Unit: mm	
Lens type	Fixed	<p>Technical drawings of the TVW-5301 camera lens. The drawings include a side view and a front view. The side view shows a diameter of 53 (2.09") and a height of 53 (2.09"). The front view shows a diameter of 83.5 (3.29").</p>	
Focal length	2.0 mm	Unit: mm	
Auto iris	No	<b>Network</b>	
Auto focus	No	Supported video standards	CGI, ONVIF, PSIA
Motorized zoom	No	Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP
<b>Network</b>		ONVIF:	Interoperability ONVIF (Profile G/S)
Supported video standards	CGI, ONVIF, PSIA	PSIA:	Yes
Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP	CGI:	Yes
ONVIF:	Interoperability ONVIF (Profile G/S)	Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, QoS, IPv6
PSIA:	Yes	<b>Audio</b>	
CGI:	Yes	Audio compression	G.711, G.722.1, G.726, MP2L2
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, QoS, IPv6	Audio in	1
<b>Audio</b>		Audio out	1
Audio compression	G.711, G.722.1, G.726, MP2L2	Input:	1 Mic-in, Built-in Mic
Audio in	1	Output:	1
Audio out	1	<b>Camera Alarms</b>	
Input:	1 Mic-in, Built-in Mic	<b>Ordering Information</b>	
Output:	1		