truVision

Wi-Fi Panoramic Wedge Camera

IP Open Standards Cameras

3 MPX | H.264 COMPRESSION | DUAL STREAMING | DIGITAL DAY/NIGHT | DWDR

AUDIO | WiFi | IP66 | IK8 | 3 year WARRANTY | ONVIF® | S

OVERVIEW

The TruVision® IP Megapixel Wi-Fi Panoramic Wedge Camera from Interlogix offers state-of-the art, high-definition images utilizing panoramic technology. Providing a 160 degree horizontal field-of-view, with no de-warping required, makes this camera ideal for challenging locations where one camera is needed to cover a wide area. The optional Dual View Mount can also provide the ability to mount two Panoramic Wedge Cameras back-to-back for increased wide-area coverage.

The Wi-Fi Panoramic Wedge Camera is also based on the Wi-Fi® standards of IEEE802.11b/g/n and operates in the 2.4Ghz range where running cable is not feasible. Transmission rates of up to 150Mbps are supported and secure wireless communication is achieved via 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK and WPS wireless encryption standards. An integrated browser and micro SD memory card storage capability simplifies remote, live monitoring/playback of edge-recorded audio and video. Memory card recording also protects data in the event of network disruptions. The Wi-Fi Panoramic Wedge Camera also adheres to ONVIF® standards as well as supports CGI command set for simple integration into any standard IP system.

STANDARD FEATURES

Video
- 3MPx resolution
- H.264/MJPEG compression technology with dual-streaming capability accommodating multiple settings
- ONVIF Profile S open standards compatibility

Video Enhancement
- Up to 160° horizontal field of view that does not require de-warping
- Good low light performance
- Digital day/night functionality

Video Alarms
- Integrated motion detection, tamper proof and privacy masking
- Advanced cross line and Intrusion detection

Edge Recording
- Edge recording on micro SD/SDXC card for video playback (card not included)
- Built-in mic and audio output for capturing and playback of audio along with video

Wireless (Wi-Fi)
- IEEE802.11b/g/n Wi-Fi standards support
- 2.4 GHz frequency range
- Encryption security support for 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS standards
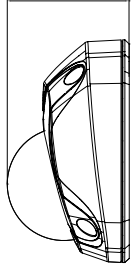
Environment and Installation
- Options for cable management and a variety of mounting options
- IP66 and IK8 ratings
- FCC, CE and UL
- TruVision Device Manager program with fast and easy access to newly added system devices
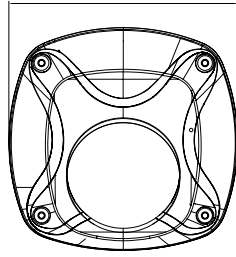
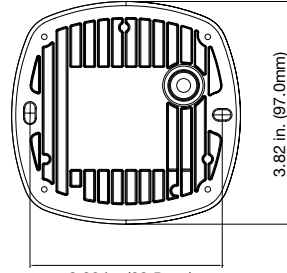**Warranty**
- 3-Year warranty

Dimensional Diagrams
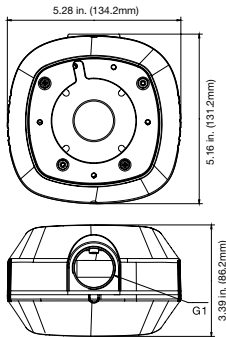
2.08 in. (52.8mm)

3.91 in. (99.3mm)
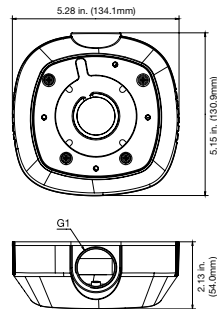
3.82 in. (97.0mm)

3.29 in. (83.5mm)

Accessories

TVW-DVM Dual View Mount

5.28 in. (134.2mm)
5.16 in. (131.2mm)
3.39 in. (86.2mm)
G1

TVW-AWB-1
Outdoor Angled Back Box

Includes TVW-2G-AD adapter.

5.28 in. (134.1mm)
5.15 in. (130.9mm)
G1
2.13 in. (54.0mm)

TVW-AWB-2
Indoor Angled Back Box

1.27 in. (32.23mm)
5.12 in. (130.04mm)
5.27 in. (133.85mm)
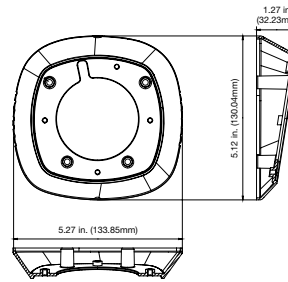
TVW-2G-AD
2 Gang Box Adaptor

5.28 in. (134.1mm)
0.53 in. (13.5mm)
5.12 in. (130.0mm)

TVD-CB2 2" Cup Base

3.3 in. (84mm)
2.24 in. (57mm)
3.3 in. (84mm)
G1
4.88 in. (Ø124mm)
3.29 in. (83.5mm)
1.68 in. (42.7mm)

DR-RWM-AD Adapter

Ø129
Ø101.4
Ø96
3.28 in. (83.5mm)
1.64 in. (41.75mm)
1.81 in. (46mm)
2.84 in. (72.3mm)
3.28 in. (83.5mm)

TVD-LWB-1 Dome Bracket

1.57 in. (40mm)
2.75 in. (70mm)
2.75 in. (70mm)
3.54 in. (90mm)
7-M4
n 111
Øn 100.4
Ø83.5mm
6.12 in. (155.5mm)
0.19 in. (5mm)
0.62 in. (16mm)
2.84 in. (Ø72.3mm)
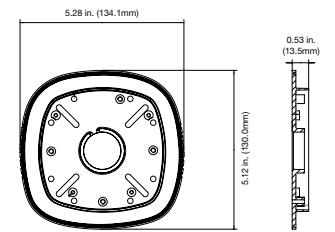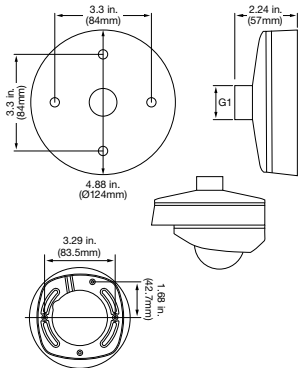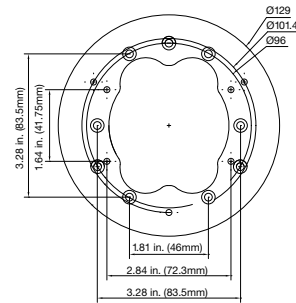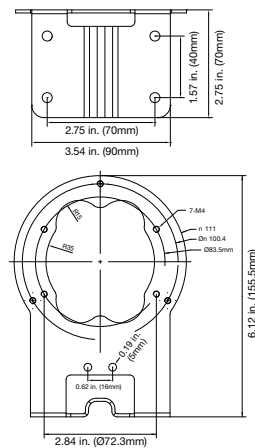
TVD-SNB Swan Neck Bracket

3.74 in. (95mm)
7.08 in. (180mm)
G1 1/8
9.96 in. (253mm)
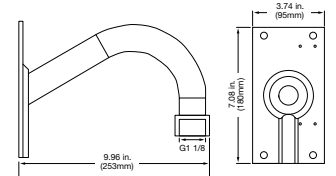
TVD-PPB Pendant Ceiling Bracket

3.34 in. (85mm)
1.45 in. (37mm)
3.34 in. (85mm)
G1
.78 in. (20mm)
5.90 in. (Ø150mm)
.41 in. (10.5mm)
G1
G1
1.49 in. (38mm)
9.84 in. (250mm)
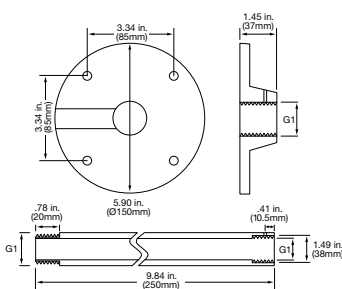
(Includes two pipes)

TVD-M-PMA Pole Mount Adaptor

4.60 in. (Ø117mm)
5.62 in. (143mm)
7.63 in. (194mm)
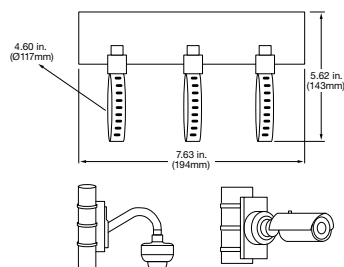
Specifications

PART NO.	TVW-3130 TVW-1130
Description	
Housing	
Color	Gray
Camera	
Sensor	1/3" Progressive Scan CMOS sensor
Resolution	3MPx effective resolution, 4MPx sensor
Multiple Streaming	Dual Stream
Maximum Resolution	1920 x 1080 @ 15fps (60Hz), 1776 x 1340 @ 15fps (60Hz), 1920 x 1080 @12.5fps (50Hz), 1776 x 1340 @ 12.5fps (50Hz)
Maximum Real-Time Resolution (@ fps)	2144 x 604 @ 30fps (60Hz), 2080 x 784 @ 30fps (60Hz), 1280 x 960 @ 30fps (60Hz), 1280 x 720 @ 30fps (60Hz), 2144 x 604 @ 25fps (50Hz), 2080 x 784 @ 25fps (50Hz), 1280 x 960 @ 25fps (50 Hz), 1280 x 720 @ 25fps (50Hz)
Filed of View (H&V) @ Resolution - for wall mount application	(H)-80° to +80° (V)33° to 75° @ 2144 x 604, (H)-77° to +77° (V)26° to 80° @ 2080 x 784, (H)-71° to +71° (V)15° to 90° @ 1920 x 1080, (H)-71° to +71° (V)15° to 90° @ 1280 x 720, (H)-64° to +64° (V)6° to 100° @ 1776 x 1340, (H)-64° to +64° (V)6° to 100° @ 1280 x 960
Image Ratio @ Resolution	32:9 @ 2144 x 604, 8:3 @ 2080 x 784, 16:9 @ 1920 x 1080; 16:9 @ 1280 x 720; 4:3 @ 1776 x 1340; 4:3 @ 1280 x 960
Variable Bit Rate	128 Kbps to 12 Mbps
Day/Night	Digital D/N
Wide Dynamic Range	DWDR
Digital S/N Ratio	50 dB (AGC OFF)
IP Compression / Standard	H.264 (Main profile) / MJPEG
Minimum Illumniation	Color: 0.01 lux @ (f1.2, AGC ON), B/W: 0.001 lux @ (f1.2, AGC ON)
Lens	1.6mm @ f1.6
Focus	Fixed
Auto Exposure (shutter)	60Hz: 1/3s~1/100,000s; 50Hz: 1/3s~1/100,000s
Standards & Integration	ONVIF® Profile S, PSIA, CGI
Network	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS, DDNS, ezDDNS, DynDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, UPnP, NAT, MULTICAST, 802.1x, Qos, IPv4, IPv6
Ethernet Port	RJ45 10/100Mbps Auto-negotiate
Wireless	
Wi-Fi® Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK; 802.11g/n: OFDM
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps; 11g: 14±1.5dBm @ 54Mbps; 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBM @ 11Mbps (Typical); 11g: -75dBm @ 54Mbps (Typical); 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps; 11g: 54Mpbs; 11n: up to 150Mbps
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Local Storage	
Media	Micro SD/SDXC (card not included)
Capacity	Up to 64GB
Audio	
Input	Built-in microphone
Output	External
Audio Bit Rate (Protocol)	64 Kbps (G.711) / 16 Kbps (G.726) / 32-128 Kbps (MP2L2)
Camera Alarms	
Basic	Motion Detection, Tamper Proof, Privacy Mask
Advanced Intelligence	Cross Line (1), Intrusion Detection (1)
I/O Connection	Alarm I/O
Display	
Display mode	Flipped horizontally (up/down), vertically (right/left) or centered, Hallway View, ROI (1) (Region of Interest)
On Screen Display (OSD)	Text overlay (4)
Electrical & Mechanical	
Voltage Input	12VDC, PoE (IEEE 802.3-af)
Power Consumption	Max. 5W
Current	Max 420mA
Dimensions	3.90 x 3.82 x 2.09 in. (99 x 97 x 53mm)
Weight	(9.17 oz.) 260g
Environmental	
Storage Temperature	-4°F~158°F (-20°C~70°C)
Operating Temperature	-22°F~140°F (-30°C~60°C)
Environmental Rating	IP66
Vandal Rating	IK8
Regulatory	
Compliance	R&TTE, FCC, CE, UL, C-Tick, REACH, RoHS, WEEE

Wi-Fi Panoramic Wedge Camera

IP Open Standards Cameras

Ordering Information

NTSC	
TVW-3130	TruVision® Panoramic Wi-Fi Wedge Camera, 3MPx, 1.6mm Lens, Digital D/N, Audio, Alarm, PoE (802.3-af)/12VDC, IP66, IK8, NTSC
PAL	
TVW-1130	TruVision Panoramic Wi-Fi Wedge Camera, 3MPx, 1.6mm Lens, Digital D/N, Audio, Alarm, PoE (802.3-af)/12VDC, IP66, IK8, PAL

Accessories

TVW-DVM	TruVision Dual View Mount for Wedge Camera (use w/TVD-PPB)
TVW-AWB-1	TruVision Angled Back Box for Wedge Camera (outdoor application)
TVW-AWB-2	TruVision Angled Back Box for Wedge Camera (indoor application)
TVW-2G-AD	TruVision Adapter Plate for Wedge Camera with 2 Gang Box
TVD-CB2	TruVision Dome 2" Cup Base
DR-RWM-AD	Adapter Plate for dome to DR-RWM or TVD-M2-FM wall mount
TVD-LWB-1	TruVision Dome Bracket, L-Shape (for Analog/IP Wedge and Analog/HD/IP Plastic Dome Cameras)
TVD-SNB	TruVision Dome Swan Neck Bracket (use w/TVD-CB2)
TVD-PPB	TruVision Dome Pendant-Mount Bracket (use w/TVD-CB2, TVW-DVM)
TVD-M-PMA	TruVision Dome Pole Mount Adapter (use w/TVD-SNB)

interlogix
United Technologies

interlogix.com