

# Wi-Fi Panoramic Wedge Camera

IP Open Standards Cameras



## 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

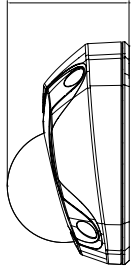
- Options for cable management and a variety of mounting options
- IP66 and IK8 ratings
- FCC, CE and UL
- TruVision Device Manager program with fast and easy access to newly added system devices

### Warranty

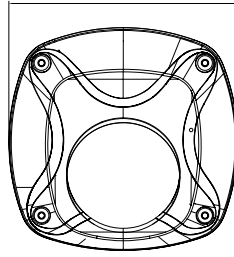
- 3-Year warranty

## Dimensional Diagrams

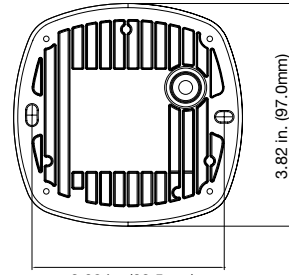
2.08 in. (52.8mm)



3.91 in. (99.3mm)



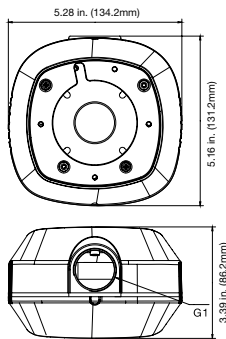
3.82 in. (97.0mm)



3.29 in. (83.5mm)

## Accessories

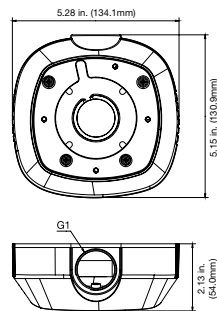
### TVW-DVM Dual View Mount



### TVW-AWB-1

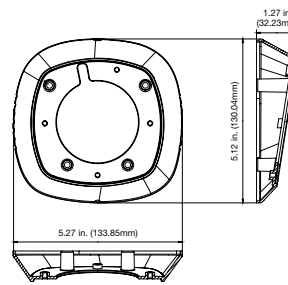
#### Outdoor Angled Back Box

Includes TVW-2G-AD adaptor.



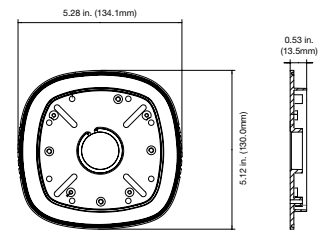
### TVW-AWB-2

#### Indoor Angled Back Box

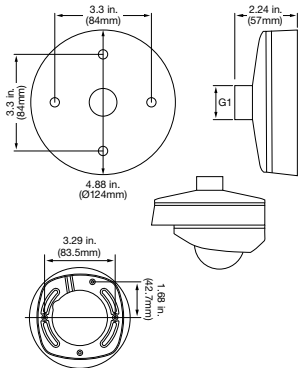


### TVW-2G-AD

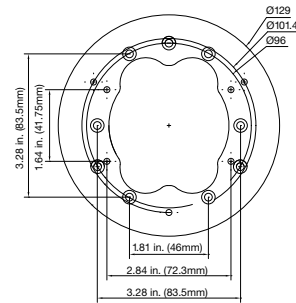
#### 2 Gang Box Adaptor



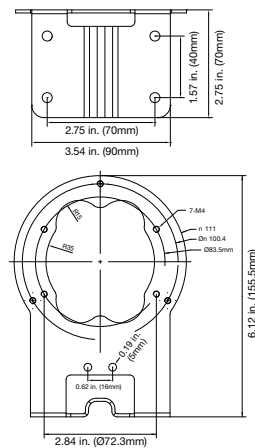
### TVD-CB2 2" Cup Base



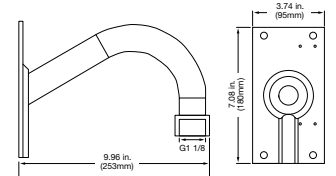
### DR-RWM-AD Adapter



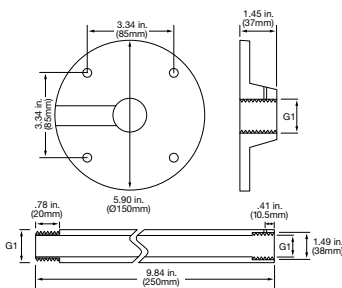
### TVD-LWB-1 Dome Bracket



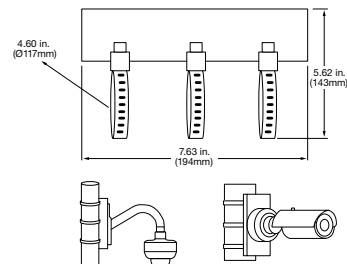
### TVD-SNB Swan Neck Bracket



### TVD-PPB Pendant Ceiling Bracket



### TVD-M-PMA Pole Mount Adaptor



(Includes two pipes)

# 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 Illumination	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: 54Mbps; 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	
<b>TVW-3130</b>	TruVision® Panoramic Wi-Fi Wedge Camera, 3MPx, 1.6mm Lens, Digital D/N, Audio, Alarm, PoE (802.3-af)/12VDC, IP66, IK8, NTSC
PAL	
<b>TVW-1130</b>	TruVision Panoramic Wi-Fi Wedge Camera, 3MPx, 1.6mm Lens, Digital D/N, Audio, Alarm, PoE (802.3-af)/12VDC, IP66, IK8, PAL

## Accessories

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



[interlogix.com](http://interlogix.com)

Specifications subject to change without notice.

© 2016 United Technologies Corporation. All rights reserved. Interlogix is part of UTC Climate, Controls & Security, a unit of United Technologies Corporation.

Wi-Fi® is a registered trademark of Wi-Fi Alliance®.  
ONVIF® is a trademark of Onvif, Inc.

All other trademarks are the property of their respective owners.  
2016/03 (LI-1620)