

# 1.3MPx and 3MPx IR Wedge IP Cameras

IP Open Standards Cameras



## OVERVIEW

TruVision IP Megapixel Open Standards wedge IR cameras bring state-of-the-art, high-definition images to the mass video surveillance market. Designed to adhere to ONVIF Profile S open communication standards, these cameras also support a CGI command set for simple integration into any IP system. 1.3MPx and 3MPx resolution options provide the flexibility for a wide variety of applications.

An integrated browser and micro SD memory card storage capabilities simplify remote, live monitoring/playback of edge-recorded video and audio. Memory card recording protects data in the event of network disruptions.

## STANDARD FEATURES

### Video

- 1.3MPx or 3MPx resolution options
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Compatible with ONVIF Profile S open standards

### Video Enhancement

- Hallway view, ROI (Region of Interest)
- DWDR and/or real-time video streaming up to 1080p resolution to capture every detail
- True day/night functionality and infrared illuminators for capturing images in various lighting scenarios
- 33ft. (10m) IR range - with on/off settings

### Video Alarms

- Integrated Motion Detection, Tamper proof and Privacy masking
- Advanced Cross line and Intrusion detection

### Edge Recording

- Features edge recording on up to 64GB micro SD/SDXC card for video playback (card not included)

### Installation and Environment

- IP66 Environmental rating
- IK8 Vandal rating
- Included TruVision Device Manager program provides fast and easy access to newly added system devices

### Warranty

- 3-year warranty

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## Specifications

	PART NO.	TVW-3101 TVW-1101		TVW-3102 TVW-1102	
					
Camera	Sensor	1/3" Progressive Scan CMOS sensor			
	Resolution	1.3MPx		3MPx	
	Day/Night	IR cut filter with auto switch			
	IP Compression	H.264 (Main profile)/ MJPEG			
	Maximum Resolution (@ FPS)	1280 x 960 @ 30fps (60Hz) 1280 x 960 @ 25fps (50Hz)		2048 x 1536 @ 20fps (60Hz) 2048 x 1536 @ 20fps (50Hz)	
	Maximum Real-Time Resolution (@ fps)	1280 x 960 @ 30fps (60Hz) 1280 x 960 @ 25fps (50Hz)		1920 x 1080 @ 30fps (60Hz) 1920 x 1080 @ 25fps (50Hz)	
	Multiple Streaming	Dual Streams			
	Video Bit Rate	Mainstream: 128Kbps to 12Mbps; Sub-stream: 128Kbps to 8Mbps			
	WDR	DWDR (72dB)			
	Digital Noise Reduction	3D			
	Sensitivity	0.01 lux @ (f1.2, AGC ON) 0 lux @ (IR ON)		0.07 lux @ (f1.2, AGC ON) 0 lux @ (IR ON)	
	S/N Ratio	50 dB (AGC OFF)			
	Auto Exposure (shutter)	60 Hz: 1/3s ~ 1/100,000s, 50 Hz: 1/3s ~ 1/100,000s			
	Lens	2.8mm @ f2.0			
Focus	Fixed				
IR Distance	33 ft. (10m) with on/off setting				
IR Wavelength	850nm				
Network	Ethernet Port	RJ45 10/100Mbps Auto-negotiate			
	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			
Local Storage	Media	Micro SD/SDXC slot (card not included)			
	Capacity	Up to 64GB			
Camera Alarms	Basic	Motion Detection, Tamper Proof, Privacy Mask			
	Advanced	Cross line, Intrusion detection			
Standards & Integration		ONVIF (Profile S), PSIA, CGI			
Display	Display mode	Flipped horizontally (up/down), vertically (right/left) or centered, Hallway view, ROI (Region of Interest)			
	On Screen Display (OSD)	Text overlay			
Electrical & Mechanical	Voltage Input	12VDC, PoE (IEEE 802.3-af)			
	Power Consumption	5W (Max.)			
	Current	420 mA			
	Dimensions	3.9 x 3.8 x 2.1 in. (99 x 97 x 53mm)			
Environmental	Weight	.9 lbs. (407g)			
	Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)			
	Operating Temperature	-22°F ~ 140°F (-30°C ~ 60°C)			
	Environmental Rating	IP66			
Regulatory	Vandal Rating	IK8			
	Compliance	FCC, CE, UL, C-Tick, REACH, RoHS, WEEE			

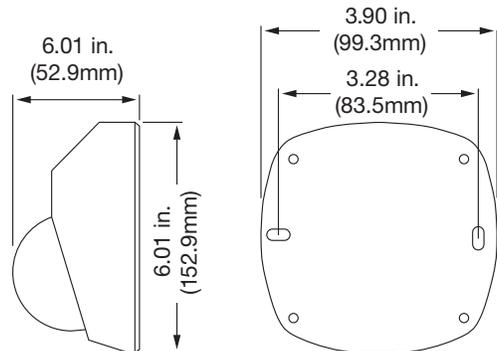
## Ordering Information

NTSC	
TVW-3101	TruVision® 1.3MPx Open Standards, Progressive Scan CMOS, Wedge IP Camera, True D/N, DWDR, 10m IR, 2.8mm Fixed Lens, Micro SD/SDXC Slot, ONVIF, PoE/12VDC, IP66, NTSC
TVW-3102	TruVision 3MPx Open Standards, Progressive Scan CMOS, Wedge IP Camera, True D/N, DWDR, 10m IR, 2.8mm Fixed Lens, Micro SD/SDXC Slot, ONVIF, PoE/12VDC, IP66, NTSC
PAL	
TVW-1101	TruVision 1.3MPx Open Standards, Progressive Scan CMOS, Wedge IP Camera, True D/N, DWDR, 10m IR, 2.8mm Fixed Lens, Micro SD/SDXC Slot, ONVIF, PoE/12VDC, IP66, PAL
TVW-1102	TruVision 3MPx Open Standards, Progressive Scan CMOS, Wedge IP Camera, True D/N, DWDR, 10m IR, 2.8mm Fixed Lens, Micro SD/SDXC Slot, ONVIF, PoE/12VDC, IP66, PAL

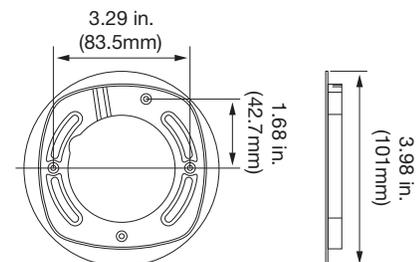
## Accessories

TVD-CB2	TruVision Dome 2" Cup Base
DR-RWM-AD	Adapter for TruVision Wedge or Plastic Dome to DR-RWM or TVD-M2-WM Wall Mounts
TVD-LWB-1	TruVision Dome Bracket, L-Shape (for Analog/IP Wedge and Analog/HD/IP Plastic Dome Cameras)
TVD-PPB	TruVision Dome Pendant-Mount Bracket (use w/TVD-CB2)
TVD-SNB	TruVision Dome Swan Neck Bracket (use w/TVD-CB2)

## TVW-3101/1101, TVW-3102/1102



## Mounting Plate (included)



## IP/Megapixel part number schema

TV	W	-	1	1	03
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<b>Device Type</b> B=Bullet C=Camera D=Dome P=PTZ W=Wedge T=Turret	<b>Format</b> 1=IP PAL 2=Analog PAL 3=IP NTSC 4=Analog NTSC	<b>Sequence/Camera Specifics</b>	<b>Series</b> 1=First
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Specifications subject to change without notice.

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