

Megapixel IP Cameras

1.3Mpx CCD or 2Mpx CMOS Progressive Scan IP Cameras



OVERVIEW

The TruVision™ Megapixel cameras bring state-of-the-art, high-definition pictures to the mass video surveillance market. TruVision cameras utilize H.264 compression technology with dual-streaming capability, making it easy to manage the camera's bandwidth usage. Video streams can be set for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.

In combination with progressive scan, these megapixel cameras represent a flexible video surveillance device. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

Featuring an integrated browser and available SDHC memory card, TruVision Megapixel cameras simplify remote, live monitoring/playback of edge-recorded video and audio. The memory card works with integrated motion detection for a comprehensive event logging system.

The camera also features an alarm input and two outputs. The Privacy masking conceals sensitive scenes and safeguard confidential areas from being observed during live view and recorded on the video file.

STANDARD FEATURES

- 1.3Mpx CCD or 2Mpx CMOS progressive scan for high resolution images
- Real-time video streaming at up to 1280 x 720p for ideal video capturing under challenging conditions
- Dual streaming functionality accommodates multiple settings
- Edge recording with 8 or 16GB SDHC card for video playback
- Day/Night functionality to capture images in various lighting scenarios
- Integrated motion detection with auto notification of intrusion
- Privacy masking helps protect personnel and 3rd party areas
- Alarm inputs and outputs provide easy notification and control of events
- Browser supported mono and bi-directional audio to expand IP stream to include audio

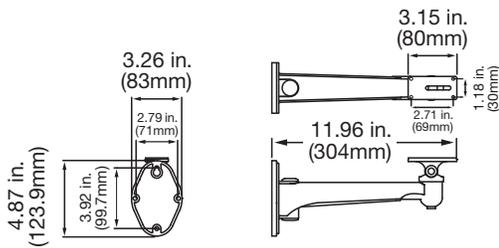
Application

Delivering detailed images for the applications that need it most.

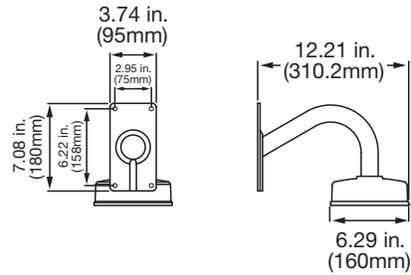
TruVision™ megapixel cameras are specifically designed for applications that require high-resolution images. When paired with IP devices, these cameras provide ideal surveillance for environments such as retail, banking, airports or gaming where detailed image capture is critical for effectively monitoring people and transactions.

Accessories

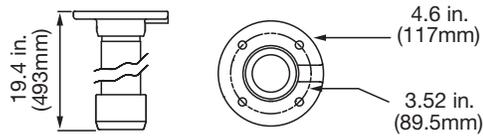
TVC-M-WM Box and Clamshell Housing Wall Mount



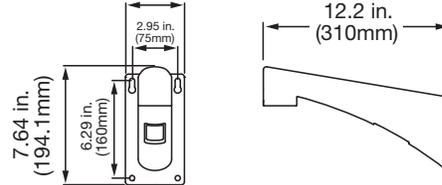
TVD-M-OWM Outdoor Dome Wall Mount



TVD-M-PNDT Indoor Pendant Mount

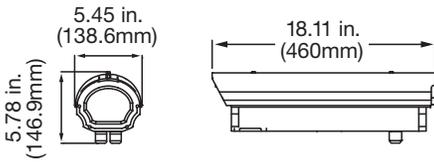


TVD-M-WM Indoor Dome Wall Mount



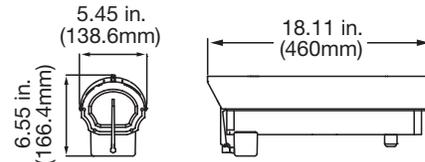
TVC-OH/TVC-OH-H

Box Camera Outdoor IP 66 Clamshell Housing

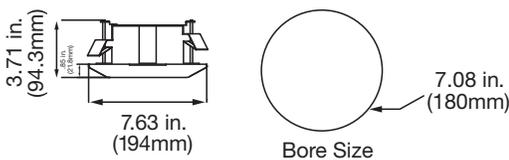


TVC-OH-HW

Box Camera Outdoor IP 66 Clamshell Housings with Heater and Wiper

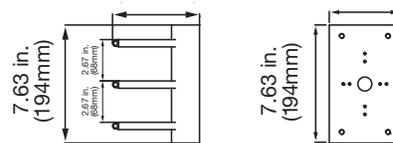


TVD-M-FM Indoor Dome Flush Mount



TVD-M-PMA Pole Mount Adaptor

(For use with TVD-M-OWM, TVD-M-WM, TVC-M-WM)



Specifications

	PART NO.	TVC-M1120-1-N	TVC-M2110-1-N	TVD-M1120V-3-N	TVD-M2110V-3-N	TVD-M2110-2-N
	Description					
Camera	Sensor	1.3 MPX progressive scan CCD IP camera	2 MPX progressive scan CMOS IP camera	1.3 MPX progressive scan CCD IP camera	2 MPX progressive scan CMOS IP camera	2 MPX progressive scan CMOS IP camera
	Day/Night	D/N camera with motorized IR cut filter	D/N Digital Switching	D/N camera with motorized IR cut filter	D/N Digital Switching	D/N Digital Switching
	IP Compression	TruVision H 2.64				
	Frame Rates	12.5 fps (1280 x 960), 24 fps (1280 x 720), 30 fps (640 x 480)	10 fps (1600 x 1200), 15 fps (1280 x 720), 30 fps (704 x 480)	12.5 fps (1280 x 960), 24 fps (1280 x 720), 30 fps (640 x 480)	10 fps (1600 x 1200), 15 fps (1280 x 720), 30 fps (704 x 480)	10 fps (1600 x 1200), 15 fps (1280 x 720), 30 fps (704 x 480)
	Dual Streaming	Sub stream: Up to real-time @ CIF				
	Video Bit Rate	32 Kbps to 8 Mbps, adjustable				
	Sensitivity	Color: 0.1 Lux @ F1.2, Mono: 0.01 Lux @ F1.2	Color: 0.68 Lux @ F1.4, Mono: 0.13 Lux @ F1.4	Color: 0.1 Lux @ F1.2, Mono: 0.01 Lux @ F1.2	Color: 0.68 Lux @ F1.4, Mono: 0.13 Lux @ F1.4	Color: 0.68 Lux @ F1.4, Mono: 0.13 Lux @ F1.4
	S/N Ratio	> 50 dB				
	Auto Exposure (shutter)	1/4s to 1/100,000s				
	Composite Output	NTSC, 1.0 Vp-p @ 75 ohm	NTSC, 1.0 Vp-p @ 75 ohm (firmware switch for PAL, 1.0p-p @ 75 Ohms)	NTSC, 1.0 Vp-p @ 75 ohm	NTSC, 1.0 Vp-p @ 75 ohm (firmware switch for PAL, 1.0p-p @ 75 Ohms)	NTSC, 1.0 Vp-p @ 75 ohm (firmware switch for PAL, 1.0p-p @ 75 Ohms)
Lens (Box, Dome)	C/CS (w/auto iris)	C/CS (w/manual iris)	VF 3.3-12MM (w/auto iris)	VF 3-9MM (w/fixd iris)	VF 2.8-11MM (w/manual iris)	
Electrical	Voltage input	24 VAC, ±10% / 12 VDC, ±10%, PoE (IEEE 802.3af)				
	Power consumption	4 watts max, (with IR cut filter motor - 10 watts)	4 watts max	4 watts max, (with IR cut filter motor - 10 watts)	4 watts max	4 watts max
	IO Connection	Screw Terminal				
Network	Network Protocols	TCP/IP, HTTP, DHCP, RTP/RTCP, PPPoE				
	Ethernet/IP	CoS 802.1 p/Q, QoS, IPv4				
	Connector	RJ45 10/100 self adaptive ethernet port				
	Transmission	RTP/RTSP				
	PoE IEEE	802.3af				
Local Storage	Media	SDHC (Self locking card slot)				
	Capacity	Up to 16 GB (card not included, 8 GB or 16 GB)				
Audio	Input	1 channel 3.5 mm audio interface (2.0 - 2.4 Vp-p, 1 kOhm)				
	Output	1 channel 3.5 mm audio interface (Line level, 600 Ohm)				
	Compression Standard	16 Kbps				
	Recording Media	SDHC (card not included)				
Camera Analytics	Motion Detection	On-board, 396 zones per camera (22 x 18 grid)				
	Privacy Masking	On-board, 396 zones per camera (22 x 18 grid)				
	Health Check	On-board				
Alarm	Alarm Input	One (1)				
	Alarm Output	Form C alarm relay (1)				
	IO Connection	Screw Terminal				
Environmental and Mechanical	Size/Weight	2.71 x 2.5 x 6.25 in. (68 x 63 x 157 mm) 600g (1.32 lbs)	2.57 x 2.5 x 6.25 in. (65 x 63 x 157 mm) 600g (1.32 lbs)	6.2 x 5.33 in. (156 x 134 mm) 1400g (3.08 lbs)	6.2 x 5.33 in. (156 x 134 mm) 1400g (3.08 lbs)	5.75 x 5.26 in. (145 x 133 mm) 900g (1.98 lbs)
	Storage Temperature	-20 to 70°C (-4 to 158°F)				
	Operating Temperature	-10 to 60°C (14 to 140°F)				
	IP Rating	N/A	N/A	IP66	IP66	N/A
Computer Hardware / Software Requirements	Intel-based PC	1 Ghz or faster				
	Memory	1 GB RAM Min				
	Operating System	Windows® XP, Vista or 7				
	CGI	Direct X 9.0 or later				
	Browser	Microsoft Internet Explorer 6.0 or later				

Regulatory

UL, CE, RoHS

Megapixel IP Cameras

1.3 CCD or 2 CMOS MPX
Progressive Scan IP Cameras

North America
T 888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9239-1200
F 61-3-9239-1299

Europe
T 32-2-725-11-20
T 32-2-721-40-47

Latin America
T 561-998-6100
T 561-994-6572

Ordering Information

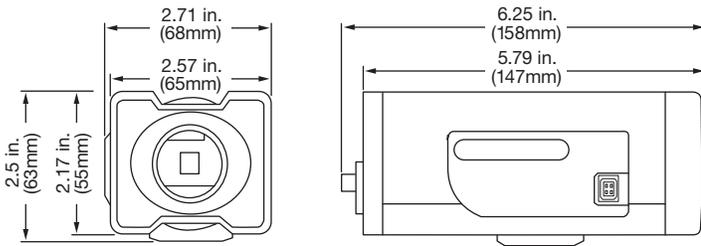
Cameras

TVC-M1120-1-N	TruVision™ 1.3MPX Prog. Scan CCD Box, 720P 24FPS, True D/N, POE/12VDC/24VAC, NTSC
TVC-M2110-1-N	TruVision 2.0MPX Prog. Scan CMOS Box, 720P 15FPS, Elec. D/N, POE/12VDC/24VAC, NTSC
TVD-M1120V-3-N	TruVision 1.3MPX Prog. Scan CCD IP66 Vandal Dome, 720P 24FPS, True D/N, VF 3.3-12MM, POE/12VDC/24VAC, NTSC
TVD-M2110V-3-N	TruVision 2.0MPX Prog. Scan CMOS IP66 Vandal Dome, 720P 15FPS, Elec. D/N, VF 3-9MM, POE/12VDC/24VAC, NTSC
TVD-M2110-2-N	TruVision 2.0MPX Prog. Scan CMOS Dome, 720P 15FPS, Elec. D/N, VF 2.8-11MM, POE/12VDC/24VAC, NTSC

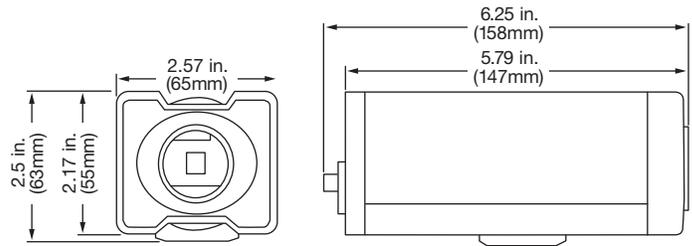
Note: For PAL Models, replace the "N" at the end of the Part Number. Example: TVC-M1120-1-P

Dimensional Diagrams

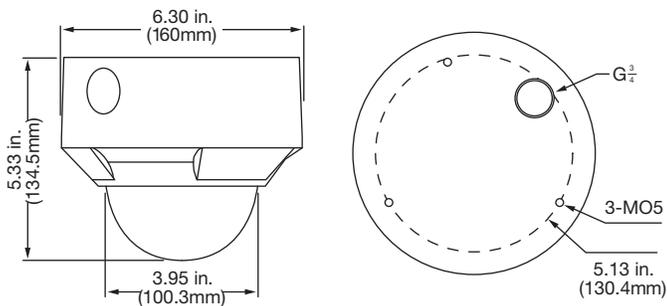
TVC-M1120-1-N



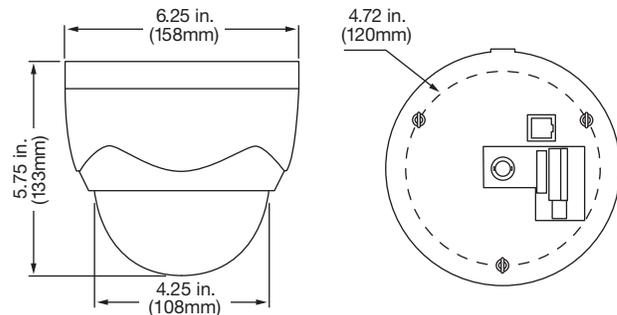
TVC-M2110-1-N



TVD-M1120V-3-N, TVD-M2110V-3-N



TVD-M2110-2-N



Specifications subject to change without notice.

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