

# IP Open Standards Cameras

VGA and 1.3 MPx

IP Outdoor Dome and Bullet Cameras with SureShot™



## OVERVIEW

The TruVision™ IP and IP Megapixel Open Standards outdoor dome and bullet cameras bring state-of-the-art, high-definition pictures to the mass video surveillance market. Available in VGA and 1.3MPx resolution options, these IP cameras represent a flexible video surveillance device to meet any need, in any environment. These TruVision cameras feature Interlogix SureShot technology, allowing the user to remotely adjust the varifocal lens length, and focus the camera with the touch of a button.

TruVision cameras utilise H.264 compression with dual-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras were designed to adhere to PSIA and ONVIF open communication standards, and also support a CGI command set for simple integration into any IP system. 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.

Featuring an integrated browser and available micro SDHC memory card storage capabilities (dome models), TruVision IP and IP Megapixel cameras simplify remote, live monitoring/playback of edge-recorded video and audio. Recording on the memory card provides a level of redundancy in case of unforeseen network disruptions.

## STANDARD FEATURES

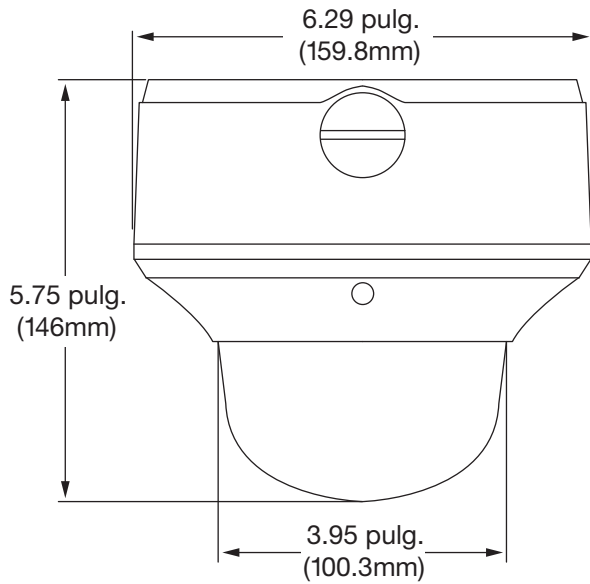
- VGA and 1.3MPx resolution options
- Interlogix SureShot feature provides remote, motorised zoom lens with autofocus - no need to focus while on a ladder
- Designed to PSIA and ONVIF open standards
- 1.3MPx models feature WDR and real-time video streaming up to 720p resolution to capture every detail
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Dome models feature edge recording up to 32GB micro SDHC card for audio/video playback
- All models are with true Day/Night functionality and infrared illuminators for capturing images in various lighting scenarios
- Integrated motion detection and privacy masking
- IP66 Vandal-resistant housings
- Domes feature external analogue BNC video out connection for easier installation and setup
- Included TruVision Device Finder program provides fast and easy access to newly added system devices
- Outdoor Dome flush mount capable

## APPLICATION

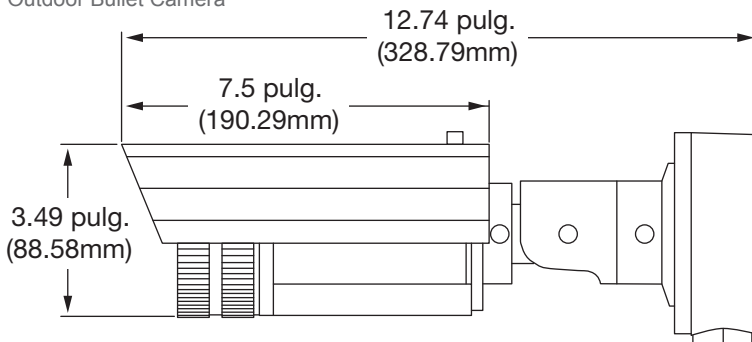
Delivering detailed images in a variety of environments that need it most, TruVision IP and IP Megapixel outdoor cameras are specifically designed for applications that require high-quality IP images. When paired with IP devices, these cameras provide ideal surveillance for environments such as retail, banking, education, airports or gaming where detailed image capture is critical for effectively monitoring people and transactions.

## DIMENSIONAL DIAGRAMS





Outdoor Vandal Dome



Outdoor Bullet Camera



# SPECIFICATIONS

	TVD-N225E-2M-P	TVD-M1245E-2M-P	TVC-N225E-2M-P	TVC-M1245E-2M-P	
					
Camera	Sensor Size	1/4"	1/3"	1/4"	
	Resolution	VGA	1.3 MPx	VGA	
	Sensor scan	Progressive Scan			
	Sensor type	CMOS			
	IP Compression/ Standard	H.264/MPEG4/MJPEG			
	Maximum Resolution (@FPS)	640 x 480 (30/25fps)	1280 x 960 (30/25fps)	640 x 480 (30/25fps)	1280 x 960 (30/25fps)
	Maximum Real Time Resolution	640 x 480	1280 x 960	640 x 480	1280 x 960
	HD 720p	No	Yes	No	Yes
	Composite Output (BNC)	Yes	Yes	No	No
	Digital S/N ratio	60dB	68.3dB	60dB	68.3dB
	Electronic Shutter	1/25s to 1/100,000s			
Certification	CE/FCC/UL/C-Tick				
Lighting Performance	Wide Dynamic Range	No	WDR	No	
	WDR in dB	82dB	120dB	82dB	
	Digital noise reduction	2D	3D	2D	
	Day/Night	IR cut filter with auto switch			
	Motorised IR Cut Filter	Yes			
	Colour sensitivity	0.01Lux @ (F1.2, AGC ON)			
	B/W sensitivity	0.01Lux @ (F1.2, AGC ON)			
	IR sensitivity	0 Lux with IR			
	IR Range	20 ~ 30 metres			
	IR Wavelength	850nm			
Housing	Camera type	Dome camera		Bullet camera	
	IP rating	IP66			
	Outdoor	Yes			
	Rugged	Yes			
	Vandal proof	Yes			
Lens	Control type	SureShot - Motorised			
	Focal length	2.8 - 12mm @ F1.2	2.7 - 9mm @ F1.6	2.8 - 12mm @ F1.2	
	Auto iris	DC drive			
	Varifocal	Yes			
Autofocus	Yes				
Power	Voltage input	24VAC	24VAC	12VDC	
	Power consumption	Max. 24W		Max. 12W	
	PoE	PoE (802.3af) High PoE (802.3at)	PoE (802.3af) High PoE (802.3at)	PoE (802.3af)	
Network	ONVIF	Yes			
	PSIA	Yes			
	CGI	Yes			
	Network protocols	TCIP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP			
Local Storage	Media	Built-in Micro SD	Built-in Micro SD	No	
	Capacity	32GB	32GB	No	
Camera Analytics	Motion Detection	Yes			
	Privacy Masking	Yes			
Mechanical/ Environmental	Dimensions	159.8 x 146mm		98 x 88.58 x 328.78mm	
	Weight	2100g		1700g	
	Operating temperature	-50°C - 60°C with heater*		-30°C - 60°C	
	Operating temperature (cold start)	-40°C a 60°C with heater*		-10°C - 60°C	

\* Domes with heaters require 24VAC or PoE + (802.3at) power input for heaters to function. Standard PoE (802.3af) can be used if heater function is not required.

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## ORDERING INFORMATION

TVD-N225E-2M-P	TruVision VGA IP Open Standard, progressive scan CMOS Outdoor vandal dome, True Day/Night, 2.8-12MM motorized AI, IR LED, ONVIF/PSIA, PAL Out, PoE/24 VAC, Micro SD Card slot, heater
TVD-M1245-E-2M-P	TruVision 1.3MPx WDR IP Open Standard, progressive scan CMOS Outdoor vandal dome, True Day/Night, 2.7-9MM motorized AI, IR LED, ONVIF/PSIA, PAL Out, PoE/24 VAC, Micro SD Card slot, heater
TVC-N225E-2M-P	TruVision VGA IP Open Standard, progressive scan CMOS Outdoor bullet, True Day/Night, 2.8-12MM motorized AI, IR LED, ONVIF/PSIA, PAL Out, PoE/24 VAC
TVC-M1245-E-2M-P	TruVision 1.3MPx WDR IP Open Standard, progressive scan CMOS Outdoor bullet, True Day/Night, 2.7-9MM motorized AI, IR LED, ONVIF/PSIA, PAL Out, PoE/24 VAC

## ACCESSORIES

MPP168	Power Supply, 12VDC, 1AMP 2.5MM Stripped
T2420S/T	Power Supply, 24VAC 2AMP, Stripped

Specifications subject to change without notice.

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