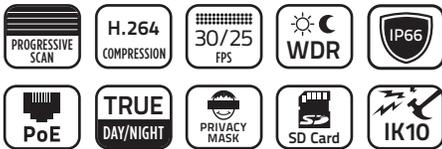


1.3MPx and 3MPx Intelligent IP Dome Cameras

IP Open Standards



OVERVIEW

TruVision IP Open Standards dome cameras bring state-of-the-art, high-definition pictures to the mass video surveillance market. With camera resolutions of 1.3 or 3 megapixel, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

TruVision cameras utilize H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras adhere to PSIA and ONVIF Profile S open communication standards, and also support a CGI command set for simple integration into any IP system. Video streams can be set for high or low bandwidth, and images can be streamed for live viewing or sent to a designated recording location.

These cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross lines, intrusion, de-focus and face detection features. Each is user-configurable to best suit the installation environment. A Region of Interest function ensures specific portions of an image are given priority during instances of high network traffic or network degradation.

Location-specific functions include a Hallway View Mode to provide a portrait view of a hallway or corridor, a De-Fog Mode to help resolve images through fog or rain and Electronic Image Stabilization for installations subject to physical vibration or shaking.



STANDARD FEATURES

Video

- 1.3MPx and 3MPx imagers
- H.264 compression technology with triple-streaming capability accommodates multiple settings
- Select models feature real-time video streaming up to 1080p resolution to capture every detail
- Designed to PSIA and ONVIF Profile S open standards

Video Enhancement

- True Day/Night functionality and infrared illuminators to capture images in various lighting scenarios
- Up to 120dB of Wide Dynamic Range (WDR) performance for contrasting lighting environments
- ROI (Region of Interest), hallway view, mirror, de-fog, electronic image stabilization

Advanced Alarm Intelligence

- Integrated motion detection and privacy masking
- Face detection, cross line, intrusion detection, de-focus detection, scene change detection
- Alarm inputs and outputs provide easy notification and control of events

Edge Recording

- Edge recording supports up to 64GB micro SD/SDXC card for video playback

Standard Features

Environment and Installation

- Vandal-resistant housings and polycarbonate bubbles provide an extra level of protection
- Domes feature external analog BNC video out connection for easier installation and setup
- Included TruVision Device Manager program provides fast and easy access to newly added system devices
- UL approved

Warranty

- 3-Year warranty

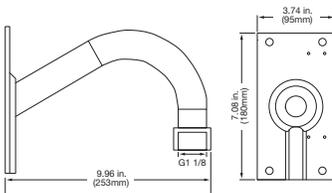
Application

Delivering detailed images in a variety of environments that need it most, TruVision® IP cameras are specifically designed for applications that require high-quality IP images. 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 – General Bracket

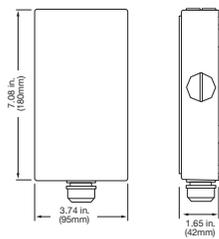
TVD-SNB

Swan Neck Bracket



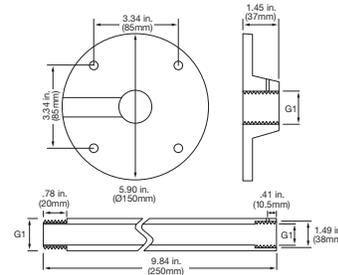
TVD-SNB-BB

Back Box



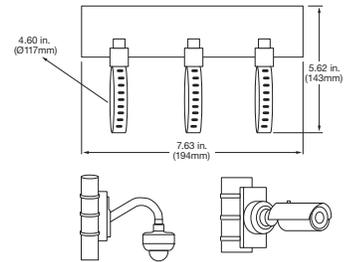
TVD-PPB

Pendant Ceiling Bracket



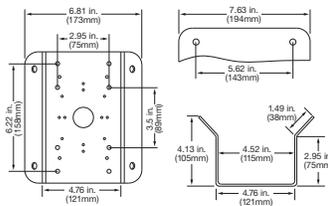
TVD-M-PMA

Pole Mount Adaptor



TVD-M-CMA

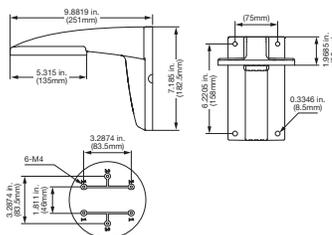
Corner Mount Adaptor



Accessories – VF Mini Dome

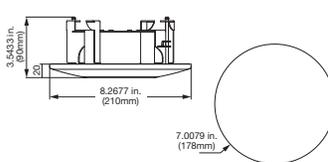
TVD-M2-WM

Indoor Dome Wall Mount



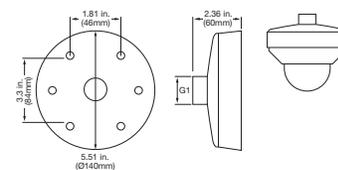
TVD-M2-FM

Indoor Dome Flush Mount



TVD-CB3

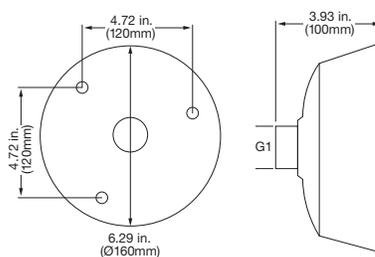
3" Cup Base



Accessories – Motorized Lens Dome

TVD-CB5A

Integrated 5" Cup Base



Specifications

PART NO.	TVD-3201 TVD-1201	TVD-3202 TVD-1202	TVD-3203 TVD-1203	TVD-3204 TVD-1204	TVD-3205 TVD-1205	
Description						
Camera	Sensor					1/3" Progressive Scan CMOS
	Day/Night					IR Cut Filter
	IP Compression					H.264 (Baseline profile / Main profile / High profile) / MPEG4 / MJPEG
	Maximum Resolution (@ fps)	1280 x 960 @ 25fps (50Hz) 1280 x 960 @ 30fps (60Hz)	2048 x 1536 @ 20fps (50Hz) 2048 x 1536 @ 20fps (60Hz)	1280 x 960 @ 25fps (50Hz) 1280 x 960 @ 30fps (60Hz)	2048 x 1536 @ 20fps (50Hz) 2048 x 1536 @ 20fps (60Hz)	
	Maximum Real-Time Resolution (@ fps)	1280 x 960 @ 25fps (50Hz) 1280 x 960 @ 30fps (60Hz) 1280 x 720 @ 50fps (50Hz, WDR off) 1280 x 720 @ 60fps (60Hz, WDR off)	1920 x 1080 @ 25fps (50Hz) 1920 x 1080 @ 30fps (60Hz)	1280 x 960 @ 25fps (50Hz) 1280 x 960 @ 30fps (60Hz) 1280 x 720 @ 50fps (50Hz, WDR off) 1280 x 720 @ 60fps (60Hz, WDR off)	1920 x 1080 @ 25fps (50Hz) 1920 x 1080 @ 30fps (60Hz)	
	Multiple Streaming					Triple streams
	Video Bit Rate					128 kbps to 16 Mbps, or user-defined
	WDR					120dB
	Sensitivity	Color 0.01 lux @ f1.2, AGC ON 0 lux IR ON	Color 0.1 lux @ f1.2, AGC ON 0 lux IR ON	Color 0.01 lux @ f1.2, AGC ON 0 lux IR ON	Color 0.1 lux @ f1.2, AGC ON 0 lux IR ON	
	S/N Ratio					50 dB (AGC OFF)
	Auto Exposure (shutter)					50 Hz: 1/25s ~1/100,000s 60 Hz: 1/30s ~1/100,000s
	Composite Output (BNC)			1Vp-p composite output (75 Ω/BNC)		
				Internal BNC port for installation only		
	Lens	2.8 ~12mm VF lens		2.8 ~12mm motorized lens		8 ~ 32mm motorized lens
	Focus	Manual		one touch Remote Auto Focus		
IR Distance	98 ft. (30m)				164 ft. (50m)	
Electrical	Voltage Input		12VDC PoE (IEEE 802.3-af)			
	Current		0.67A			
	Power Consumption	Max. 8W	Max. 8.5W	Max. 12.5W (heater on)		
	I/O Connection		1/1			
	Others		RS-485			
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
	PoE					IEEE 802.3-af
	Port					10/100Mbps, auto-negotiate, Ethernet port (RJ45)
Local Storage	Media					Micro SD/SDXC
	Capacity					Up to 64GB
Camera Alarms	Basic					Motion Detection, Tamper Proof, Privacy Mask
	Advanced					Face Detection, Cross Line, Intrusion Detection, De-focus Detection, Scene Change Detection
Standard & Integration						ONVIF Profile S, PSIA, CGI
Display	Display mode					ROI (Region of Interest), Hallway View, Mirror, De-fog, Electronic Image Stabilization
	OSD					Text overlay and picture overlay
Mechanical/Environment	Dimensions		5.51 x 3.94 in. (140 x 100 mm)			6.29 x 5.75 in. (159.8 x 146 mm)
	Weight		1.76 lbs. (800g)			4.63 lbs. (2100g)
	Storage Temperature		-4°F~-158°F (-20°C~70°C)			-4°F~-158°F (-20°C~70°C)
	Operating Temperature (cold start)		-22°F~-140°F (-30°C~60°C)			-40°F~-140°F (-40°C~60°C), with heater on
	Operating Temperature		-22°F~-140°F (-30°C~60°C)			-58°F~-140°F (-50°C~60°C), with heater on
	Environmental Rating		IP66			
Vandal Rating		IK10				
Regulation	Compliance					FCC, CE, UL, C-Tick, REACH, RoHS, WEEE

1.3MPx and 3MPx Intelligent IP Dome Cameras

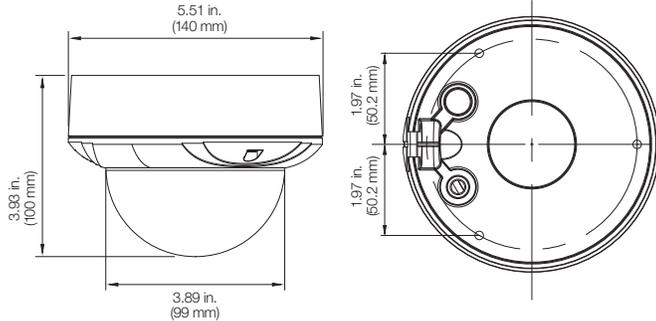
North America
T 855-286-8889

Latin America
T 561-998-6114

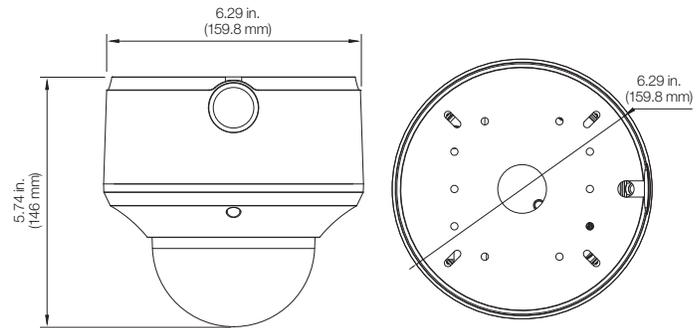
IP Open Standards

Dimensional Diagrams

Vandal Dome



Motorized Vandal Dome



Ordering Information

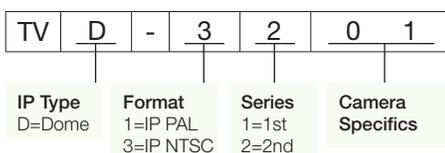
NTSC

TVD-3201	TruVision® IP Vandal Dome Camera, 1.3MPx, 2.8~12mm VF Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 12VDC, IP66, IK10, NTSC
TVD-3202	TruVision IP Vandal Dome Camera, 3MPx, 2.8~12mm VF Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 12VDC, IP66, IK10, NTSC
TVD-3203	TruVision IP Motorized Lens Dome Camera, 1.3MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, NTSC
TVD-3204	TruVision IP Motorized Lens Dome Camera, 3MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, NTSC
TVD-3205	TruVision IP Motorized Lens Dome Camera, 3MPx, 8~32mm Motorized Lens, WDR, True D/N, 50m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, NTSC

PAL

TVD-1201	TruVision IP Vandal Dome Camera, 1.3MPx, 2.8~12mm VF Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 12VDC, IP66, IK10, PAL
TVD-1202	TruVision IP Vandal Dome Camera, 3MPx, 2.8~12mm VF Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 12VDC, IP66, IK10, PAL
TVD-1203	TruVision IP Motorized Lens Dome Camera, 1.3MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, PAL
TVD-1204	TruVision IP Motorized Lens Dome Camera, 3MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 30m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, PAL
TVD-1205	TruVision IP Motorized Lens Dome Camera, 3MPx, 8~32mm Motorized Lens, WDR, True D/N, 50m IR, Alarm, SD/SHDC Slot, Intelligence, PoE (802.3-af) / 24VAC, Heater, IP66, IK10, PAL

Part Number Schema



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Specifications subject to change without notice.

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