

Comprehensive coverage. Unmatched performance.

The TruVision® line represents integrated video solutions for advanced surveillance capabilities.





The next-generation video offering designed by security experts.

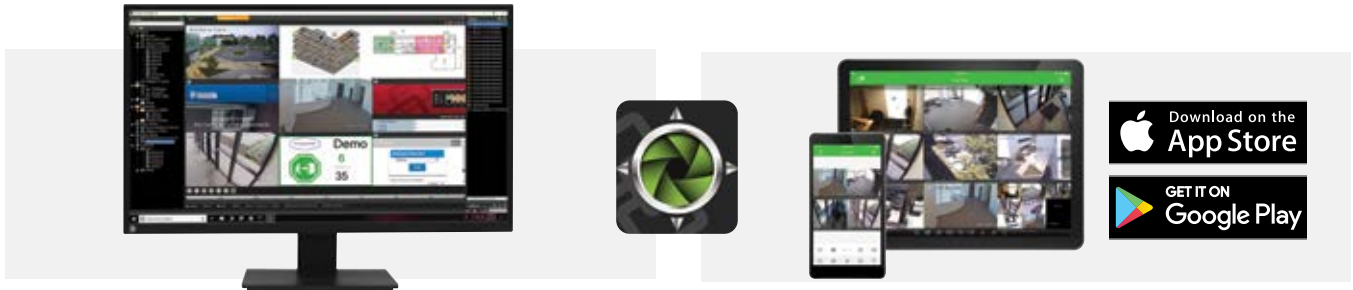
Developed by Aritech, a recognised leader in innovative security technology, the TruVision® line brings the benefit of digital security monitoring to small business and commercial applications.

Designed to deliver leading image capture capability to secure the most demanding applications, TruVision IP components adhere to open standards for easy deployment. Megapixel cameras, recording devices and software work seamlessly together to form a ready-made IP solution ideally suited for environments where high-quality resolution and ease of use are a must:

- Schools and higher education
- Banks and financial institutions
- Office buildings
- Retail spaces
- Public venues

TruVision® Software

TruVision software provides advanced video management capabilities within a streamlined, user-friendly interface. Compatible with Aritech TruVision brand cameras and recorders, TruVision Navigator is a unified security solution that's highly flexible and scalable. Available mobile apps allow you to access the system and monitor your facilities even while you're away.



TruVision Navigator

TruVision Navigator by Aritech brings together TruVision video, UltraSync® intrusion, and IFS® network switches into one unified interface. It's not only easy to install and use, but also offers greater scalability to accommodate future growth.

- Support for the TruVision People Counting camera (TVSPC1)
- With SP2, you can show the real-time people counting result for your site
- Supports Analogue and HD-TVI video through TruVision recorders
- Supports H.264/H.265 IP video directly through TruVision cameras or recorders
- Maps, multiple video viewing tabs and live alarm monitoring
- Logical view in device tree and logical event filtering in notifier
- UltraSync integration with video door controller/sensor linking
- IFS network switch integration for discovery, login, configuration and monitoring
- Scalable for stand-alone or larger commercial (SME) server/client applications

TVRMobile App

Compatible with Apple® iOS and Android™ phones and tablets, TVRMobile allows users to access and monitor their TruVision video surveillance system from anywhere in the world.

- Real-time monitoring of analogue, HD-TVI or H.264/H.265 IP video via TruVision recorders or directly from TruVision IP cameras
- Send events from a TruVision device directly to your phone using push notifications
- View 1, 4, 9 or 16 channels on either tablet or phone
- Supports up to 100 devices
- Record snapshots, live video, or recorded video directly to a mobile device and export using standard methods such as text, email, etc.
- Remote connection via Wi-Fi®, 3G, 4G or LTE network
- Free downloads via iTunes® App Store or Android

TruVision Navigator Download Information

DOWNLOAD ONLY www.interlogix.com.au/truvision-navigator

TVRMobile App Ordering Information

DOWNLOAD ONLY interlogix.com.au/cctv-truvision

TruVision Video Tools

TruVision Device Manager

Easily search and configure TruVision IP devices on a network.



TruVision Calculator

Calculate storage requirements for TruVision H.264/H.265 recorders based on camera count, resolution, fps, etc.



TruVision IP Camera App

Find the right TruVision IP camera using the mobile app.



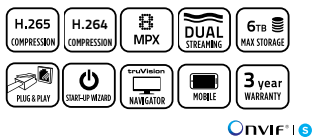
IP Network Video Recorders

TruVision network video recorders offer user-friendly operation, flexible configuration, as well as easy installation. Live/playback high definition IP video can be accessed through front panel controls, TruVision Navigator or web browser.



Plug & Play

NVR 11 Series

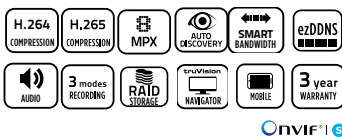


- Supports up to 16 IP cameras (TruVision and ONVIF®) in real-time (30fps)
- Up to 80Mbps incoming bandwidth
- Built-in 4-, 8- or 16 port PoE switch
- Plug and Play configuration
- Start-up wizards, auto discovery tools and ezDDNS service make configuration quick and easy
- HDMI ports for local high definition viewing
- Available mobile apps for remote monitoring



Full Featured

NVR 22 Series

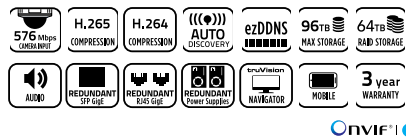


- H.264/H.265 support
- Supports up to 64 IP cameras (TruVision and ONVIF) in real-time (30fps)
- Up to 200Mbps incoming bandwidth
- Built-in 8- or 16-port PoE Switch (NVR 22S)
- Automatic PoE power budget allocation
- Front panel accessible HDD bays for easy storage expansion
- RAID support (TVN22P Series only)
- Hot-spare redundancy
- Network redundancy
- Start-up wizards, auto discovery tools and ezDDNS service make configuration quick and easy
- HDMI ports for local high definition viewing
- Available mobile apps for remote monitoring



High Capacity

NVR 71 Series



- Supports up to 128 IP cameras (TruVision and ONVIF) in real-time (30fps)
- Up to 576Mbps incoming bandwidth
- Front panel accessible HDD bays for up to 16 drives for easy storage expansion
- High fault-tolerant design includes network, fans, and power supply redundancy
- Built-in SFP fiber ports for high bandwidth network connectivity
- Available mobile apps for remote monitoring

Built for easy operation and reliability



Plug & Play PoE Switch (NVR 11/NVR 22)

Built-in remote PoE power and automatic configuration for easy installation of TruVision IP cameras.



Versatile Front Panel Design

Direct access to camera channels and controls with the drop-down lockable front panel allowing storage expansion.



High storage capacity with a high fault-tolerant design (NVR 71)

Up to 16 HDD bays and full redundancy for mission-critical applications.

Network Video Recorders Comparison Table

		NVR 11C	NVR 11	NVR 22S	NVR 22Plus	NVR 71
Channels, Bandwidth & Resolution	Max. IP channels	4	8/16	8/16	16/32/64	128
	Total bandwidth available incoming	40	80/160	80/160	256/320	576
	Average bandwidth per channel (Mbps) incoming	5	5	5	5	4
	Bandwidth allocation	Fully flexible	Fully flexible	Fully flexible	Fully flexible	Fully flexible
	Real-time recording	Full HD	Full HD	Full HD	Full HD	Full HD
	HD recording per channel	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps
PoE	PoE ports	4	8/16	8/16	—	—
	Total PoE budget	50W	120W/200W	120W/200W	—	—
	Avg. power budget for 1 port	12.5W	15W	Auto-PoE	—	—
	Max. power budget for 1 port	30W	30W	30W	—	—
	PoE-af	•	•	•	—	—
	PoE-at	•	•	•	—	—
Network & Streaming	Plug-and-play IP configuration	•	•	•	—	—
	ONVIF support	•	•	•	•	•
	PSIA support	—	—	•	•	•
	Gigabit ethernet (RJ45/SFP) ports	1/0	1/0	1/0	2/0	4/4
	Redundant NIC ports	—	—	—	•	•
	Load balancing	—	—	—	•	•
	ezDDNS	•	•	•	•	•
	Maximum outgoing streams	live: 128 streams; playback: 8 streams	live: 128 streams; playback: 8 streams	128	128	256
Maximum outgoing bandwidth	80 Mbps	80/80 Mbps	256/256 Mbps	256/256 Mbps	512 Mbps	
Storage	Max storage (TB)	2	4/6	24	48	96 (RAID and Non-RAID)
	Front side accessible HDDs	—	—	•	•	•
	Expandable internal storage	—	—	•	•	•
	Dual stream recording	—	—	Firmware 2.0 and above	Firmware 2.0 and above	•
	Hot spare backup/recovery	—	—	•	•	•
	HDD redundancy	—	—	—	•	•
	RAID support (requires RAID HDDs)	—	—	—	0/1/5/6/10	0/1/5/6/10
NAS and eSATA support	•	•	•	•	•	
Local Viewing & Controls	Front panel controls	•	•	•	•	—
	HDMI	•	•	1	2	—
	VGA	•	•	1	2	—
	BNC output	—	—	•	•	—
	Keypad support	—	—	TVK-800	TVK-800	—
	USB slots	2	2	3	3	4
General Features	Text insertion	—	—	•	•	—
	CD/DVD burner	via USB	via USB	via USB	via USB	via USB
	Reverse playback	•	•	•	•	•
	Alarm I/O	4/1	4/1	16/4	16/4	16/8
	Rack mountable	—	•	•	•	•
Redundant Power Supplies	—	—	—	—	•	
Software Support	TruVision Navigator	•	•	•	•	•
	TVRMobile	•	•	•	•	•
	OnGuard®	Pending	Pending	7.2 w/recorder pack 1.0.2 and above	7.2 w/recorder pack 1.0.2 and above	7.4 w/recorder pack 1.0.4 and above

TruVision® IP Products

Network Video Recorders Ordering Information

NVR 11	
TVN-1104cS-3T	TruVision NVR 11 Compact, 4 Channels, H.265/H.264, PoE, 3TB Storage
TVN-1108S-3T	TruVision NVR 11, 8 Channels, H.265/H.264 PoE, 3TB Storage
TVN-1116S-3T	TruVision NVR 11, 16 Channels, H.265/H.264 PoE, 3TB Storage
NVR 22S	
TVN-2208S-4T	TruVision NVR 22S, H.265, 8-Channel PoE, 4TB Storage
TVN-2216S-4T	TruVision NVR 22S, H.265, 16-Channel PoE, 4TB Storage
NVR 22P	
TVN-2232P-4T	TruVision NVR 22Plus, H.265, 32-Channel, 4TB Storage
TVN-2264P-4T	TruVision NVR 22Plus, H.265, 64-Channel, 4TB Storage
NVR 71	
TVN-7101-000	TruVision NVR 71, 560Mbps, 3U, 0TB
TVN-7101-12T	TruVision NVR 71, 576Mbps, 3U, 12TB
TVN-7101R-12T	TruVision NVR 71, RAID, 576Mbps, 3U, 12TB

IFS® Network Switches

Delivering robust electrical power and data connection to IP cameras, IFS technology is designed to meet modern network demands. These advanced network switches offer high bandwidth, isolated PoE ports, extra SFP fiber ports and network and cable diagnostics. Select IFS switches also provide native integration with TruVision Navigator.

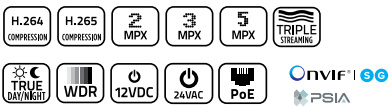
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IP Cameras



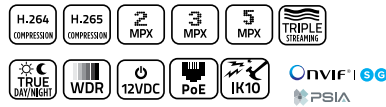
Series 4 H.265 IP Box Cameras



- Intelligence features including face detection, cross line detection, object removal, object left behind, object counting
- Easily controlled alarm input and output notifications
- Edge recording on up to 128GB for video playback (card not included)
- External analogue BNC video out connection



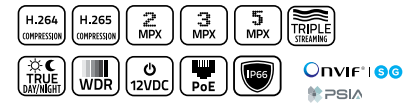
Series 4 H.265 IP Dome Cameras



- Intelligence features including face detection, cross line detection, object removal, object left behind, object counting
- Alarm inputs and output provide easy notification and control of events
- Edge recording on up to 128GB for video playback (card not included)
- Analogue BNC video out connection
- Auxiliary power output (12VDC/50mA @ 12VDC line level)





Series 4 H.265 IP Bullet Cameras




- Motorized varifocal lens technology that provides remote autofocus
- Long zoom and IR range
- Intelligence features including face detection, cross line detection, object removal, object left behind, object counting
- Edge recording on up to 128GB for video playback (card not included)
- Auxiliary power output (12VDC/50mA @ 12VDC line level)





Series 4 Box Cameras Specifications

	IP Box Camera (with Audio)		
	2MPx TVC-5401	3MPx TVC-5402	5MPx TVC-5403
			
Sensor	1/1.8" Progressive Scan, CMOS	1/2.8" Progressive Scan, CMOS	1/1.8" Progressive Scan, CMOS
Resolution	1920(H) x 1080(V)	2048(H) x 1536(V)	2592(H) x 1944(V)
Multiple Streaming	Triple		
Day/Night	True D/N, IR cut filter		
Wide Dynamic Range	WDR (120 dB)		DWDR
Digital S/N Ratio	52 dB (AGC Off)		
IP Compression/Standard	H.264 / H.265 / MJPEG		
Minimum Illumination	Color: 0.002 lux @ (f1.2, AGC On); B/W: 0.0002 lux @ (f1.2, AGC On)	Color: 0.008 lux @ (f1.2, AGC On); B/W: 0.0005 lux @ (f1.2, AGC On)	Color: 0.01 lux @ (f1.2, AGC On); B/W: 0.001 lux @ (f1.2, AGC On)
Lens	C/CS (with auto iris)		
Video Output	1 - 75Ω / BNC (Composite NTSC/PAL)		
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB		
Intelligence	Face Detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting		
I/O	1 Input / 1 Output		
Audio	Input: Audio in / Mic in (line level); Output: Audio out (line level)		
Standard & Integration	ONVIF® (Profile G/S), PSIA, CGI		
Voltage Input	12VDC / 24VAC / PoE (IEEE 802.3af)		
Operating Temp	-22 to 140°F (-30 to 60°C)		
Environmental Rating	--		
Certification	FCC, CE, UL, WEEE, RoHS, REACH		





Series 4 Indoor Dome Cameras Specifications

Indoor Dome Cameras (Varifocal Motorized Lens)	
2MPx	
TVD-5401	
	
Sensor	1/1.8" Progressive Scan, CMOS
Resolution	1920(H) x 1080(V)
Multiple Streaming	Triple
Day/Night	True D/N, IR cut filter
Wide Dynamic Range	WDR (120 dB)
Digital S/N Ratio	52 dB (AGC Off)
IP Compression/Standard	H.264 / H.265 / MJPEG
Minimum Illumination	Color: 0.002 lux @ (f1.2, AGC On); 0 lux with IR On
Lens Type	2.8~12mm @ f1.2 (motorized)
Video Output	1 - 75Ω / BNC (Composite NTSC/PAL)
IR Range	98 ft. (30m)
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB
Intelligence	Face Detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting
I/O	1 Input / 1 Output
Audio	Audio in (Mic in - line level) / Audio out
Standard & Integration	ONVIF® (Profile G/S), PSIA, CGI
Voltage Input	12VDC / PoE (IEEE 802.3af)
Auxiliary Power	12VDC / 50mA @12VDC Line level
Operating Temp	-22 to 140°F (-30 to 60°C)
Vandal Rating	IK10
Certification	FCC, CE, UL, WEEE, RoHS, REACH

Series 4 Outdoor Dome Cameras Specifications

Outdoor Dome Cameras (Varifocal Motorized Lens)				
	2MPx	3MPx		5MPx
	TVD-5404	TVD-5406	TVD-5407	TVD-5408
				
Sensor	1/1.8" Progressive Scan, CMOS	1/2.8" Progressive Scan, CMOS		1/1.8" Progressive Scan, CMOS
Resolution	1920(H) x 1080(V)	2048(H) x 1536(V)		2592(H) x 1944(V)
Multiple Streaming	Triple			
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	WDR (120 dB)			DWDR
Digital S/N Ratio	50 dB (AGC Off)			
IP Compression/Standard	H.264 / H.265 / MJPEG			
Minimum Illumination	Color: 0.002 lux @ (f1.2, AGC On); 0 lux with IR On	Color: 0.008 lux @ (f1.2, AGC On); 0 lux with IR On		Color: 0.01 lux @ (f1.2, AGC On); 0 lux with IR On
Lens	2.8~12mm @ f1.2 (motorized)	2.8~12mm @ f1.2 (motorized)	8~32mm @ f1.2 (motorized)	2.8~12mm @ f1.2 (motorized)
Video Output	1 - 75Ω / BNC (Composite NTSC/PAL)			
IR Range	98 ft. (30m)	98 ft. (30m)	164 ft. (50m)	98 ft. (30m)
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB			
Intelligence	Face Detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting			
I/O	1 Input / 1 Output			
Audio	Audio in (Mic in - line level) / Audio out			
Standard & Integration	ONVIF (Profile G/S), PSIA, CGI			
Voltage Input	12VDC / 24VAC / PoE (IEEE 802.3af / 802.3 at w/Heater)			
Auxiliary Power	12VDC / 50mA @ 12VDC Line level			
Operating Temp	-40 to 140°F (-40 to 60°C) with Heater On			
Environmental Rating	IP66			
Vandal Rating	IK10			
Certification	FCC, CE, UL, WEEE, RoHS, REACH			

Series 4 Bullet Cameras Specifications

	Varifocal (Motorized) Lens			
	2MPx		3MPx	5MPx
	TVB-5401	TVB-5402	TVB-5403	TVB-5405
				
Sensor	1/1.8" Progressive Scan, CMOS		1/2.8" Progressive Scan, CMOS	1/1.8" Progressive Scan, CMOS
Resolution	1920(H) x 1080(V)		2048(H) x 1536(V)	2592(H) x 1944(V)
Multiple Streaming	Triple			
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	WDR (120 dB)			
Digital S/N Ratio	52 dB (AGC off)			
IP Compression/Standard	H.264 / H.265 / MJPEG			
Minimum Illumination	Color: 0.002 lux @ (f1.2, AGC On); 0 lux with IR On		Color: 0.008 lux @ (f1.2, AGC On); 0 lux with IR On	Color: 0.01 lux @ (f1.2, AGC On); 0 lux with IR On
Lens	2.8~12mm @ f1.2 (motorized)	8~32mm @ f1.2 (motorized)	2.8~12mm @ f1.2 (motorized)	2.8~12mm @ f1.2 (motorized)
IR Range	164 ft. (50m)	262 ft. (80m)	164 ft. (50m)	164 ft. (50m)
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB			
Intelligence	Face Detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting			
I/O	1 Input / 1 Output			
Audio	Audio in (Mic in - line level) / Audio out			
Standard & Integration	ONVIF® (Profile G/S), PSIA, CGI			
Voltage Input	12VDC / PoE (IEEE 802.3af / 802.3 at w/Heater)			
Auxiliary Power	12VDC / 50mA @ 12VDC Line level			
Operating Temp	-40 to 140°F (-40 to 60°C) with heater on			
Environmental Rating	IP66			
Certification	FCC, CE, UL, WEEE, RoHS, REACH			

Series 4 IP Cameras Ordering Information

2MPx, 3MPx AND 5 MPx H.264/H.265 IP BULLET CAMERAS	
TVB-5401	TruVision 2MPx Low Light IP Bullet Camera, H.265/H.264, 2.0MPx, 2.8~12mm Motorized Lens, Super Low Light, WDR, True D/N, 50m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC, Heater IP66
TVB-5402	TruVision 2MPx Low Light IP Bullet Camera, H.265/H.264, 2.0MPx, 8~32mm Motorized Lens, Super Low Light, WDR, True D/N, 80m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC, Heater, IP66
TVB-5403	TruVision 3MPx IP Bullet Camera, H.265/H.264, 3.0MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 50m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC, Heater, IP66
TVB-5405	TruVision 5MPx IP Bullet Camera, H.265/H.264, 5.0MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 50m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC, Heater, IP66
2MPx, 3MPx AND 5 MPx H.264/H.265 IP DOME CAMERAS	
TVD-5401	TruVision 2MPx Low Light IP Mini Dome Camera, H.265/H.264, 2.0MPx, 2.8~12mm Motorized Lens, Super Low Light, WDR, True D/N, 30m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC, Indoor, IK10
TVD-5404	TruVision 2MPx Low Light IP Outdoor Dome Camera, H.265/H.264, 2.0MPx, 2.8~12mm Motorized Lens, Super Low Light, WDR, True D/N, 30m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, 12VDC/24VAC/PoE (802.3-af) 802.3at with heater, Heater, IP66, IK10

TVD-5406	TruVision 3MPx Outdoor Dome Camera, H.265/H.264, 3.0MPx, 2.8~12mm Motorized Lens, WDR, True D/N, 30m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, 12VDC/24VAC/PoE (802.3-af) 802.3at with heater, Heater, IP66, IK10
TVD-5407	TruVision 3MPx Outdoor Dome Camera, H.265/H.264, 3.0MPx, 8~32mm Motorized Lens, WDR, True D/N, 50m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, 12VDC/24VAC/PoE (802.3-af) 802.3at with heater, Heater, IP66, IK10
TVD-5408	TruVision 5MPx Outdoor Dome Camera, H.265/H.264, 5.0MPx, 2.8~12mm Motorized Lens, DWDR, True D/N, 30m IR, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, 12VDC/24VAC/PoE (802.3-af) 802.3at with heater, Heater, IP66, IK10
2MPx, 3MPx AND 5 MPx H.264/H.265 IP BOX CAMERAS	
TVC-5401	TruVision 2MPx Low Light IP Box Camera, H.265/H.264, 2.0MPx, Super Low Light, WDR, True D/N, Auto Back Focus, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC/24VAC
TVC-5403	TruVision 5MPx IP Box Camera, H.265/H.264, 5.0MPx, DWDR, True D/N, Auto Back Focus, Audio, Alarm, BNC, Micro SD/SDHC Slot, Intelligence, PoE (802.3-af) 12VDC/24VAC



Comprehensive coverage, unmatched performance

The TruVision line from Aritech brings the benefit of digital security monitoring to commercial applications.

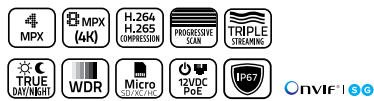


TruVision® IP Products

IP Cameras



Series 6 Bullet IR Cameras



- Integrated motion detection and tamper proof detection
- Network disconnect and IP address conflict detection
- Illegal login detection
- Fixed and motorized varifocal lens options
- 30 to 50m IR illumination range
- Edge recording supports up to 128GB Micro SD/SDHC/SDXC for video playback (on select models, card not included)
- External alarm I/O support
- IP67 Environmental rating
- IK10 Vandal rating (on select models)



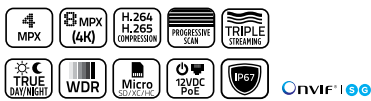
Series 6 Dome IR Cameras



- Integrated motion detection and tamper proof detection
- Network disconnect and IP address conflict detection
- Illegal login detection
- Fixed and motorized varifocal lens options
- 30m IR illumination range
- Edge recording supports up to 128GB Micro SD/SDHC/SDXC for video playback (on select models, card not included)
- External alarm I/O support
- IP67 Environmental rating
- IK10 Vandal rating



Series 6 Turret IR Cameras



- Integrated motion detection and tamper proof detection
- Network disconnect and IP address conflict detection
- Illegal login detection
- Fixed and varifocal lens options
- 30m IR illumination range
- Edge recording supports up to 128GB Micro SD/SDHC/SDXC for video playback (on select models, card not included)
- External alarm I/O support
- External audio I/O support and built-in mic (on select models)
- Housing color options: gray, white, or black (on select models)
- IP67 Environmental rating
- IK10 Vandal rating (on select models)







Series 6 Wedge IR Cameras







- Low profile format
- Integrated motion detection and tamper proof detection
- Network disconnect and IP address conflict detection
- Illegal login detection
- 2.0mm / 2.8mm fixed lens options
- 10m IR illumination range
- Edge recording supports up to 128GB Micro SD/SDHC/SDXC for video playback (on select models, card not included)
- External alarm I/O support
- External audio I/O support and built-in mic
- IP66 Environmental rating
- IK8 Vandal rating

TruVision® IP Products





Series 6 IP Bullet Cameras Specifications

	Fixed Lens		Motorized Varifocal Lens	
	4MPx	8MPx (4K)	4MPx	8MPx (4K)
	TVB-5602	TVB-5603	TVB-5605/TVB-5605H	TVB-5606/TVB-5606H
				
Color	Gray			
Sensor	1/2.8" Progressive Scan, CMOS	1/2.5" Progressive Scan, CMOS	1/2.8" Progressive Scan, CMOS	1/3" Progressive Scan, CMOS
Max Resolution	2560 x 1440	3840 x 2160	2560 x 1440	3840 x 2160
Multiple Streaming	Triple Stream			
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	WDR (120 dB)			
Digital S/N Ratio	50 dB (AGC Off)			
IP Compression/Standard	H.265 / H.264 / MJPEG			
Minimum Illumination	Color: 0.01 lux @ (f1.2, AGC On); 0.018 lux @ (f1.6, AGC On); 0 lux with IR	Color: 0.01 lux @ (f1.2, AGC On); 0.028 lux @ (f2.0, AGC On); 0 lux with IR	Color: 0.01 lux @ (f1.2, AGC On); 0.018 lux @ (f1.6, AGC On); 0 lux with IR	
Lens	4mm; horizontal FOV: 78°; vertical FOV: 42°; diagonal FOV: 93°	4mm; horizontal FOV: 79°; vertical FOV: 42°; diagonal FOV: 95°	2.8 to 12mm; horizontal FOV: 98° to 28°; vertical FOV: 51° to 16°	2.8 to 12mm; horizontal FOV: 105° to 34.5°; vertical FOV: 55° to 19°
Video Output	N/A		1 - 75Ω / BNC (Composite NTSC/PAL)	
IR Range	98 ft. (30m)		164 ft. (50m)	
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB (card not included)			
Intelligence	Motion Detection, Video tampering, Network disconnected, IP address conflict, Illegal login, HDD full, HDD error			
I/O	1 - input / 1 - output			
Audio	N/A		1 input (line in / mic in, 3.5mm) / 1 output (line out, 3.5mm)	
Standard & Integration	ONVIF® (Profile S/G), PSIA, CGI, ISAPI			
Voltage Input	12VDC / PoE (IEEE 802.3-af)			
Operating Temp	-22 to 140°F (30 to 60°C), Humidity < 95% (non-condensing)			
Environmental Rating	IP67			
Certification	EMC USA, EMC Europe, UL/cUL, WEEE, LVD, RoHS, REACH, China RoHS			

Series 6 IP Bullet Cameras Specifications

	Fixed Lens		Motorized Varifocal Lens	
	4MPx	8MPx (4K)	4MPx	8MPx (4K)
	TVD-5602	TVD-5603	TVD-5605/TVD-5605H	TVD-5606/TVD-5606H
				
Color	Gray			
Sensor	1/2.8" Progressive Scan, CMOS	1/2.5" Progressive Scan, CMOS	1/2.8" Progressive Scan, CMOS	1/2.5" Progressive Scan, CMOS
Max Resolution	2560 x 1440	3840 x 2160	2560 x 1440	3840 x 2160
Multiple Streaming	Triple Stream			
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	WDR (120 dB)			
Digital S/N Ratio	50 dB (AGC Off)			
IP Compression/Standard	H.265 / H.264 / MJPEG			
Minimum Illumination	Color: 0.01 lux @ (f1.2, AGC On); 0.018 lux @ (f1.6, AGC On); 0 lux with IR	Color: 0.01 lux @ (f1.2, AGC On); 0.028 lux @ (f2.0, AGC On); 0 lux with IR	Color: 0.01 lux @ (f1.2, AGC On); 0.018 lux @ (f1.6, AGC On); 0 lux with IR	
Lens	2.8mm; horizontal FOV: 98°; vertical FOV: 55°; diagonal FOV: 114°	2.8mm; horizontal FOV: 102°; vertical FOV: 53°; diagonal FOV: 124°	2.8 to 12mm; horizontal FOV: 98° to 28°; vertical FOV: 51° to 16°	2.8 to 12mm; horizontal FOV: 105° to 34.5°; vertical FOV: 55° to 19°
Video Output	N/A		1 - 75Ω / BNC (Composite NTSC/PAL)	
IR Range	98 ft. (30m)			
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB (card not included)			
Intelligence	Motion Detection, Video tampering, Network disconnected, IP address conflict, Illegal login, HDD			
I/O	1 - input / 1 - output			
Audio	1 input (line in / mic in, 3.5mm) / 1 output (line out, 3.5mm)			
Standard & Integration	ONVIF® (Profile S/G), PSIA, CGI, ISAPI			
Voltage Input	12VDC / PoE (IEEE 802.3-af)			
Operating Temp	-22 to 140°F (30 to 60°C), Humidity < 95% (non-condensing)			
Environmental Rating	IP67			
Vandal Rating	IK10			
Certification	EMC USA, EMC Europe, UL/cUL, WEEE, LVD, RoHS, REACH, China RoHS			


Series 6 IP Turret Cameras Specifications

	Fixed Lens		Motorized Varifocal Lens	
	4MPx	8MPx (4K)	4MPx	8MPx (4K)
	TVT-5604 TVT-5605 TVT-5606	TVT-5607	TVT-5609/TVT-5609H TVT-5610/TVT-5610H	TVT-5611/TVT-5611H
				
Color	Gray / White / Black		Gray / White	
Sensor	1/2.8" Progressive Scan, CMOS		1/2.8" Progressive Scan, CMOS	
Resolution	4MPx		8MPx	
Multiple Streaming	Triple Stream			
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	WDR (120 dB)			
Digital S/N Ratio	50 dB (AGC Off)			
IP Compression/Standard	H.265 / H.264 / MJPEG			
Minimum Illumination	Color: 0.01 lux @ (f1.2, AGC On); 0.018 lux @ (f1.6, AGC On); 0 lux with IR		Color: 0.01 lux @ (f1.2, AGC On); 0.028 lux @ (f2.0, AGC On); 0 lux with IR	
Lens	2.8mm; horizontal FOV: 98°; vertical FOV: 55°; diagonal FOV: 114°		2.8 to 12mm; horizontal FOV: 98° to 28°; vertical FOV: 51° to 16°; diagonal FOV: 115° to 32°	
Video Output	N/A			
IR Range	98 ft. (30m)			
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB (card not included)			
Intelligence	Motion Detection, Video tampering, Network disconnected, IP address conflict, Illegal login, HDD full, HDD error			
I/O	1 - input / 1 - output			
Audio	N/A		1 input (line in / mic in, 3.5mm) / 1 output (line out, 3.5mm)	
Standard & Integration	ONVIF® (Profile S/G), PSIA, CGI, ISAPI			
Voltage Input	12VDC / PoE (IEEE 802.3-af)			
Operating Temp	-22 to 140°F (30 to 60°C), Humidity < 95% (non-condensing)			
Environmental Rating	IP67			
Vandal Rating	N/A		IK10	
Certification	EMC USA, EMC Europe, UL/cUL, WEEE, LVD, RoHS, REACH, China RoHS			

Series 6 IP Cameras Ordering Information

4MPx AND 8 MPx (4K) IP BULLET CAMERAS		4MPx AND 8 MPx (4K) IP DOME CAMERAS	
TVB-5602	TruVision 4MPx, H.265/H.264, IP Fixed Lens Bullet Camera, 4mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67	TVD-5602	TruVision 4MPx, H.265/H.264, IP Fixed Lens Dome Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP67, IK10
TVB-5603	TruVision 8MPx/4K, H.265/H.264, IP Fixed Lens Bullet Camera, 4mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67	TVD-5603	TruVision 8MPx/4K, H.265/H.264, IP Fixed Lens Dome Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP67, IK10
TVB-5605	TruVision 4MPx, H.265/H.264, IP VF Bullet Camera, 2.8~12mm Motorized, True D/N, WDR, 50m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE+ (802.3-at)/12VDC, IP67, IK10	TVD-5605	TruVision 4MPx, H.265/H.264, IP VF Dome Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10
TVB-5605H	TruVision 4MPx, H.265/H.264, IP VF Bullet Camera, 2.8~12mm Motorized, True D/N, WDR, 50m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE+ (802.3-at)/12VDC, IP67, IK10 with cable harness	TVD-5605H	TruVision 4MPx, H.265/H.264, IP VF Dome Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10 with cable harness
TVB-5606	TruVision 8MPx/4K, H.265/H.264, IP VF Bullet Camera, 2.8~12mm Motorized, True D/N, WDR, 50m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE+ (802.3-at)/12VDC, IP67, IK10	TVD-5606	TruVision 8MPx/4K, H.265/H.264, IP VF Dome Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10
TVB-5606H	TruVision 8MPx/4K, H.265/H.264, IP VF Bullet Camera, 2.8~12mm Motorized, True D/N, WDR, 50m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE+ (802.3-at)/12VDC, IP67, IK10 with cable harness	TVD-5606H	TruVision 8MPx/4K, H.265/H.264, IP VF Dome Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10 with cable harness

Series 6 IP Wedge Cameras Specifications

	Fixed Lens
	4MPx
	TVW-5605
	
Color	Gray
Sensor	1/3" Progressive Scan, CMOS
Max Resolution	2560 x 1440
Multiple Streaming	Triple Stream
Day/Night	True D/N, IR cut filter
Wide Dynamic Range	WDR (120 dB)
Digital S/N Ratio	50 dB (AGC Off)
IP Compression/Standard	H.265 / H.264 / MJPEG
Minimum Illumination	Color: 0.01 lux @ (f1.2, AGC On), 0 lux with IR; Color: 0.018 lux @ (f1.6, AGC On); 0 lux with IR
Lens	2.8mm; horizontal FOV: 98°; vertical FOV: 72°; diagonal FOV: 129°
Video Output	N/A
IR Range	33 ft. (10m)
Local Storage	Micro SD / SDHC / SDXC slot, up to 128GB (card not included)
Intelligence	Motion Detection, Video tampering, Network disconnected, IP address conflict, Illegal login
I/O	1 - input / 1 - output
Audio	1 input (line in / mic in, 3.5mm) / 1 output (line out, 3.5mm)
Standard & Integration	ONVIF® (Profile S/G), PSIA, CGI, ISAPI
Voltage Input	12VDC / PoE (IEEE 802.3-af)
Operating Temp	-22 to 140°F (30 to 60°C), Humidity < 95% (non-condensing)
Environmental Rating	IP66
Vandal Rating	IK8
Certification	EMC USA, EMC Europe, UL/cUL, WEEE, LVD, RoHS, REACH, China RoHS

4MPX AND 8 MPX (4K) IP TURRET CAMERAS	
TVT-5604	TruVision 4MPx, H.265/H.264, IP Fixed Lens Turret Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, Gray
TVT-5605	TruVision 4MPx, H.265/H.264, IP Fixed Lens Turret Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, White
TVT-5606	TruVision 4MPx, H.265/H.264, IP Fixed Lens Turret Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, Black
TVT-5607	TruVision 8MPx/4K, H.265/H.264, IP Fixed Lens Turret Camera, 2.8mm, True D/N, WDR, 30m IR, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, Gray
TVT-5609	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray
TVT-5609H	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray with cable harness
TVT-5610	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, White
TVT-5610H	TruVision 4MPx, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, White with cable harness
TVT-5611	TruVision 8MPx/4K, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray
TVT-5611H	TruVision 8MPx/4K, H.265/H.264, IP VF Turret Camera, 2.8~12mm Motorized, True D/N, WDR, 30m IR, Audio, I/Os, Micro SD/SDHC/SDXC Slot, PoE (802.3-af)/12VDC, IP67, IK10, Gray with cable harness

4MPX IP WEDGE CAMERAS	
TVW-5605	TruVision 4MPx, H.265/H.264, Low Light IP Fixed Lens Wedge Camera, 2.8mm, True D/N, WDR, 10m IR, Micro SD/SDHC/SDXC Slot, Audio, I/Os, PoE (802.3-af)/12VDC, IP66, IK8, Gray

TruVision® IP Products

IP Megapixel PTZ Cameras



IP Compact PTZ Cameras



- 3MPx resolution
- H.265 / H.264 compression technology
- Triple streaming
- ONVIF® Profile (S) (G) / PSIA / GCGI
- True day/night functionality
- IR illumination, range varies depending on model
- 20X optical, 16X digital
- 360° rotation
- Intrusion detection
- Cross line detection
- Audio exception detection
- Privacy mask (8 zones)
- Face detection
- Region entrance/exit detection
- Intelligent tracking
- IP66 environmental rating (on select models)
- 3 year warranty

Ordering Information

PTZ CAMERAS	
TVP-5103	TruVision 3MPx, Compact IP PTZ, 20X Optical Zoom, H.265, H.264, Outdoor, Surface Mount, True D/N, WDR, 50m IR, Audio, Alarm, Micro SD/SDHC/SDXC Slot, PoE+/12VDC, IP66

IP Compact PTZ Camera Specifications

Sensor Size	1/2.8" Progressive Scan CMOS
Resolution	3MPx
Compression/Standard	H.265 / H.264 / MJPEG H.265 and H.264 encoding with Baseline / Main / High profile
Maximum Resolution (@ FPS)	2048 x 1536
Multiple Streaming	Triple Stream
Main Stream	50Hz: 25fps (2048 x 1536, 1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps (2048 x 1536, 1920 x 1080, 1280 x 960, 1280 x 720)
Sub Stream	50Hz: 25fps (704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (704 x 480, 640 x 480, 352 x 240)
3rd Stream	50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720, 704 x 480, 640 x 480, 352 x 240)
Day/Night	True D/N
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Digital S/N Ratio	>50 dB (AGC Off)
Electronic Shutter	50Hz: 1 to 1/30,000s; 60Hz: 1 to 1/30,000s
Minimum Illumination	Color: 0.05 lux @ f1.6, AGC On; B&W: 0.01 lux
IR Range	164 ft. (50m) Automatically adjusted depending on zoom ratio
IR Wavelength	850nm
Lens	4.7 to 94mm (f1.6 to f3.5)
Zoom Range	20X Optical (16X Digital)
Pan Range and Speed	Range: 360° endless; Manual Speed: 0.1° to 300°/sec; Preset Speed: 350°/sec
Tilt Range and Speed	Range: -5° to 90°; Manual Speed: 0.1° to 160°/sec; Preset Speed: 200°/sec
Image Flip	Auto Flip
Video Output	N/A
Presets	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per platform
Privacy Mask	8 privacy masks programmable; optional multiple colors and mosaics
Network Protocols	HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, DHCP, PPPoE
Ethernet/IP	802.1x, Qos, IPv4 / IPv6
Media	Micro SD/SDHC/SDXC slot (card not included)
Capacity	Up to 128GB
Intelligence	Intrusion detection, Cross line detection, Audio exception detection, Face detection, Region entrance detection, Region exiting detection, Intelligent tracking
I/O	2 inputs / 2 outputs
Audio	1 Mic in / Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10% 1 Audio output interface, line level, impedance: 600Ω
Audio Compression	G.711ulaw / G.711alaw / G.726 / MP2L2 / G.722 / PCM
Standard	ONVIF® (Profile S, Profile G), PSIA, CGI, ISAPI
Voltage Input	12VDC, Power Supply included. Power/line cord is not included.
PoE	PoE+
Current	Max. 2.3A
Power Consumption	18W
Dimensions	6.65 x 6.34 in. (169 x 161mm)
Weight	5.40 lbs. (2.45kg)
Operating Temperature	-22°F to 149°F (-30° to 65°C), Humidity 90% or less (non-condensing)
Environmental Rating	IP66
Vandal Rating	N/A
Certification	FCC, CE, UL, REACH, RoHS, WEEE, RCM



Multi-imager Panoramic IP Cameras



- Non-stitched 20MP resolution (4x 5MP)
- Four repositionable cameras
- H.265 compression with triple-streaming functionality
- Four motorised zoom lenses of 2.8 to 12 mm
- Motorised IR Cut Filter
- ONVIF Profile G and S
- Up to 30 m IR illumination
- 20 dB Wide Dynamic Range
- Rich video intelligence features
- IP67 and IK10 environmental rating

Ordering Information

IP CAMERAS

TVS-5101

TruVision Multi-imager panoramic IP camera, 20MP/4x5MP image sensors, 2.8-12 mm motorised lenses, True D/N, 30m IR, Audio, Alarm I/O, IP67, IK10, Heater, Hi-PoE/12VDC

Multi-imager Panoramic IP Cameras Specifications

Technology	IP
Video Standard	PAL
Image settings	DE-Fog, Hallway View, Mirror
Privacy masking	4 areas per camera channel
Software Compatibility	Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, UltraView, Web Browser
Sensor Size	1/2.7"
Max. resolution	20 MP
Sensor scan	Progressive
Shutter type	CMOS
Shutter time	1 to 1/100,000 s
WDR	120 dB
Digital noise reduction	30 DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Colour sensitivity	0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC On)
B/W sensitivity	0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC On), 0 Lux with IR on
B/W trigger	Day/Night/Auto day-night/Schedule/Triggered by alarm input
Infrared (IR)	Yes
IR range	up to 30 m
IR wavelength	850 nm
IR control	Individual controllable IR LEDs (1 to 4)
Video streams	3
Main stream compression	H.264, H.265
Sub stream compression	H.264, H.265, MJPEG
Third stream compression	H.264, H.265
Video bit rate	32 to 16 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2048 x 1536 (QXGA), 2560 x 1920
Sub stream resolutions	640 x 480 (VGA), 704 x 576 (4CIF)
Third stream resolutions	640 x 480 (VGA), 704 x 576 (4CIF)
Max. resolutions @ fps	640 x 480 (VGA), 704 x 576 (4CIF)
Lens type	Varifocal motorised
Focal length	2.8 to 12 mm (horizontal FoV: 30 to 101°, vertical FoV: 22.4 to 73° diagonal FoV: 37 to 137°)
f-Stop	F1.6
Auto focus	Yes
Motorised zoom	Yes
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	ONVIF Profile G, ONVIF Profile S
Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP
Live view capabilities	Simultaneous live view up to 20 channels
Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio in	1 ch 3.5 mm input (line in)
Audio out	1 ch 3.5 mm output, dual-track, stereo
Audio bit rate	64Kbps (G.711)/16Kbps(G.722.1)/16Kbps(G.726) /32-192Kbps(MP2L2)
Alarm inputs	2
Alarm outputs	2 (up to 24 VDC, 1 A or 110 VAC, 500mA)
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max SD card capacity	128 GB
Snapshots	Event triggered or timed snapshots
ROI	4 fixed regions for each stream
Video analytics	Advanced motion detection, Audio exception detection, Defocus, Electronic Image Stabilization (EIS), Face detection, Intrusion detection, Line crossing detection, Object left behind, Object removal detection, Region entrance detection, Region exiting detection, Region of Interest (ROI), Scene change detection
VCA source	Camera 1-3 or Camera 2-4
Operating voltage	12 VDC ± 20%, 2.3 A, max. 28 W Hi-PoE: 42.5 to 57 VDC, 0.6 to 0.8 A, max. 34W
Physical dimensions	290 x 145.5 mm
Net weight	4.7 kg
Shipping weight	7.7 kg
Colour	Grey
Form Factor	Dome
Impact rating	IK 10
Environment	Outdoor
Operating temperature	-40 to +60°C (heater startup at -40°C)
Relative humidity	<95% non-condensing
IP rating	IP67
Compliance	CE, cUL, FCC, REACH, RoHS, UL, WEEE, RCM

Specialty Cameras



IP Dual Lens People Counting Cameras



- Resolution 1920 x 1080
- H.265 and/or H.264 compression
- Dual lens, 2 mm fixed
- IR up to 6 m
- ONVIF compliant
- Internal eMMC memory for counting data

Specialty IP Cameras Ordering Information

PEOPLE COUNTING CAMERAS

TVS-PC1

TruVision IP Dual Lens People Counting Camera,
Outdoor, 2 MP, 2 mm, IP67



View our People Counting Solution Video
<https://youtu.be/9GUT4eDQtmk>

People Counting Camera Specifications

Technology	IP
Video Standard	PAL
Image settings	ROI (Region Of Interest)
Software Compatibility	TruVision Navigator, Web Browser
Sensor Size	1/2.7"
Max. resolution	2 MP
Sensor scan	Progressive
Shutter type	CMOS
Shutter time	1/25 s to 1/100,000 s
WDR type	Digital WDR
Digital noise reduction	3D DNR
Colour sensitivity	0.005 Lux @ (F1.2, AGC ON), 0.0176 Lux @ (F2.25, AGC ON)
B/W sensitivity	0.001 Lux @ (F1.2, AGC ON), 0.0035 Lux @ (F2.2.5, AGC ON)
Infrared (IR)	Yes
IR range	up to 6 m
IR wavelength	850 nm
Video streams	2
Main stream compression	H.264, H.265
Sub stream compression	H.264, H.265
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p)
Sub stream resolutions	640 x 480 (VGA), 704 x 576 (4CIF)
Max. resolutions @ fps	1920 x 1080 @ 25fps
Lens type	Fixed
Focal length	2 mm
f-Stop	F 2.25
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	ISAPI, ONVIF
Supported network protocols	Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UPnP
Audio compression	G.711, G.722.1, G.726, MP2L2, PCM
Audio in	1 built-in mic, 1 input (line in, two-core terminal block)
Audio out	1 output (two-core terminal block)
Alarm inputs	1
Alarm outputs	1
Alarm I/O connection	terminal block
Local storage type	Build in eMMC memory
Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Network disconnected
Video analytics	People counting
Operating voltage	12 VDC ± 20%, terminal block / PoE+ (IEEE 802.3af, class 3)
Power consumption	max. 8 W @ 12 VDC max. 8.3 W @ PoE (36 to 57 VDC)
Current consumption	0.66 A @ 12 VDC 0.23 A to 0.14 A @ PoE
Physical dimensions	168 x 61 x 41 mm; 6.6 x 2.4 x 1.6 in.
Net weight	435 g (1 lb)
Colour	White
Environment	Outdoor
Operating temperature	-30 to +45°C -22 to +113 °F
Relative humidity	<95% non-condensing
IP rating	IP67
Compliance	CE, FCC, RCM, REACH, RoHS, WEEE

Encoders and Decoders



TVE Series IP Video Encoders

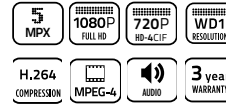


- 4-, 8- and 16-channel encoders
- Supports H.265, H.264, MPEG4 and MJPEG compression
- Encoding resolution 5 MP@12fps, 4 MP@15fps, 3 MP@18fps, 1080p/720p/WD1/4CIF/VGA/CIF@25fps or 30fps
- Dual-streaming functionality
- ONVIF Profile S, PSIA and CGI support
- Bi-directional audio support
- Alarm input/output support

ENCODERS

TVE-420	TruVision IP encoder, 4channel 5MP(Max), 15W, 12VDC
TVE-820	TruVision IP encoder, 8channel 8MP(Max), 20W, 12VDC
TVE-1620	TruVision IP encoder, 16channel 8MP(Max), 25W, 12VDCMount

High Definition IP Video Decoder



- Supports H.264 and H.265 compression
- Powerful decoding capability, up to 12MPX
- Can simultaneously decode up to a maximum of 16 video streams in Full HD
- Multiple video display outputs: You can decode different cameras on the HDMI, VGA and BNC output.
- TruVision recorders and TruVision encoders
- Supports decoding for ONVIF and RTSP streams

DECODER

TVE-DEC12	TruVision Decoder for 16 Full HD streams, (HDMI, VGA, BNC)
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Better education starts with safe schools.

Featuring components that are easy to install and operate, TruVision® solutions provide optimal video coverage for schools of all sizes.

 **truVision**



NOTE: Some products not available in Australia & New Zealand

Unified control for maximum security.

TruVision® Navigator brings video, access control, intrusion and transmission together as one integrated solution.



IFS® products provide efficient, effective media transmission to meet modern surveillance challenges and demanding security environments.



Easy to install and operate, TruVision cameras, recorders, monitors and interfaces bring the benefits of digital monitoring to commercial applications.

HD-Hybrid Digital Video Recorders

TruVision's HD-TVI technology delivers up to 5MPx high definition quality video over standard analogue coax cable. These recorders are a true hybrid design supporting a combination of standard analogue, HD-TVI and IP cameras.



High Definition Hybrid Recorder

DVR 15HD Series



- 4-, 8- or 16-channel real-time recording
- Connect standard, HD-TVI or IP cameras
- TVI over coax technology supports up to 5MPx resolution on 1/4th of the channels
- High definition TVI cameras can be used with standard RG59 coax cable
- Swap analogue channels for IP cameras
- Up to 12TB internal storage
- HDMI port for local high definition viewing

High-definition video made easy



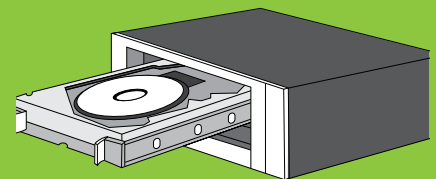
Analogue to IP Migration

Protects your cabling investment by supporting analogue, HD-TVI and IP cameras.



HD Video over Existing Coax

Reduce installation and cabling costs using existing analogue coax cable to record and view up to 5MPx HD video.



Expandable Storage

Drop-down, lockable front panel provides convenient direct access to camera channels and controls, as well as user-accessible storage expansion. (DVR 45HD Only)

Analogue/Hybrid Digital Video Recorders Comparison Table

	DVR 15cHD	DVR 15HD	
Channels & Performance	Analogue channels	4	8/16
	Maximum IP channels	4	8/16
	Real-time recording	Full HD 1080p	Full HD 1080p
	Max resolution analogue / IP	5MPx / 4MPx	5MPx / 4MPx
	Audio channels analogue	4	4
Network & Streaming	Ethernet ports	(1) 10/100 Mbs	(1) 10/100/1000 Mbs
	DDNS	•	•
	Maximum outgoing video streams	128	128
	Maximum in/out combined bandwidth (Mbps)	96	128
	ONVIF	•	•
Storage	Max storage (TB)	4	8/12
	SATA interfaces	1	2
	HDD redundancy	—	—
	Front side accessible HDDs	—	—
	Expandable internal storage	—	—
	eSATA support	—	—
	NAS support	•	•
	Dual stream recording	—	—
	Auto archive	—	—
Local Viewing & Controls	Front panel controls	•	•
	Browser interface	•	•
	HDMI	•	•
	VGA	•	•
	BNC output	Event Only	Event Only
	Bidirectional audio	•	•
	Alarm input/output	4/1	8-ch: 8/4; 16-ch: 16/4
	Keypad support	TVK-800	TVK-800
	USB slots	2	2
General Features	Analytics on analogue channels	•	•
	Text insertion	—	—
	CD/DVD burner	Via USB	Via USB
	Reverse playback	•	•
	Size	1U	1U
	Rack mountable	—	•
Software Support	TruVision Navigator	•	•
	TVRMobile	•	•
	Advisor®	Pending	Pending
	OnGuard®	Pending	Pending

Analogue/HD-Hybrid Video Recorders Ordering Information

DVR 15cHD	
TVR-1504cHD-2T	TruVision® DVR 15HD Hybrid, 3-5MPx HD, 4 Channels, 2TB Storage
DVR 15HD	
TVR-1508HD-2T	Channels, 2TB Storage
TVR-1508HD-4T	TruVision DVR 15HD Hybrid, 3-5MPx HD, 8 Channels, 4TB Storage
TVR-1516HD-4T	TruVision DVR 15HD Hybrid, 3-5MPx HD, 16 Channels, 4TB Storage
TVR-1516HD-8T	TruVision DVR 15HD Hybrid, 3-5MPx HD, 16 Channels, 8TB Storage

Analogue Cameras

TruVision analogue camera line support standard analogue, 960H and HD-TVI technology. TruVision's HD-TVI technology delivers up to 5MPx high definition quality video over standard analogue coax cable.

HD-TVI / Analogue Cameras



HD-TVI



Analogue

HD-TVI Analogue Cameras



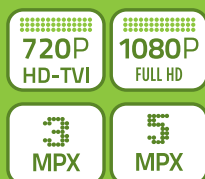
- Box, Bullet, Dome, Turret and Wedge form factors
- 720p, 1080p, 3MPx, 5MPx HD resolutions
- Select modules also support 960H resolution
- 720p models provide DWDR; 1080p and 3MPx models provide True WDR (120 dB)
- True Day/Night functionality and IR Illuminators with Smart IR function on select models

Value-line Cameras



- 700TVL or 720 TVL resolution
- Up to 66 ft. (20m) or 132 ft. (40m ft.) IR Illumination for optimal viewing
- IP66 rated enclosure
- IR Cut Filter with auto switch
- Cost-effective and easy to install

Performance, flexibility and ease of use



Improved Performance

HD-TVI cameras provide up to 5MPx video resolution with exceptional low-light performance under dynamic conditions.



Multiple Form-factor Choices

Solutions to meet a variety of operating conditions, from fixed and varifocal choices, form-factor styles and indoor/outdoor environments.








Easy to install

Designed to be installed quickly and easily. Many cameras install with just two screws. Select models offer OSD control and built-in cable protection/management.


HD-TVI Cameras Specifications


The TruVision® line includes a comprehensive family of HD-TVI infrared (IR) cameras for stand-alone or integrated installations, designed for up to 3MPx image quality over existing coaxial cable.





	Turret Cameras			
	3MPx		5MPx	
	TVT-2401	TVT-2402	TVT-2403	TVT-2404
				
Sensor	1/3" Progressive Scan, CMOS		5MPx Progressive Scan, CMOS	
Standard	HD-TVI			
Resolution	3MPx Analogue		5MPx Analogue	
Effective Pixels	2052(H) x 1536(V)		2592(H) x 1944(V)	
Synchronisation	Internal			
Electronic Shutter	NTSC: 1/30 s to 1/50,000 s; PAL 1/25 s to 1/50,000 s			
Digital S/N Ratio	>62 dB			
Lens	2.8mm fixed	2.8 to 12mm motorised VF	3.6mm fixed	2.8 to 12mm motorised VF
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	> 120 dB		DWDR	
Minimum Illumination	0.01 lux @ (f1.2, AGC On); 0 lux with IR On			
IR Range	66 ft. (20m)	132 ft. (40m)	66 ft. (20m)	132 ft. (40m)
Video Output	3MPx TVI or 960H Analogue		5MPx or 1080p TVI (only selectable via OSD when connected to 5MPx TVI)	
Voltage Input	12 VDC			
Operating Temp	-40 to 140°F (-40 to 60°C), Humidity <90% (non-condensing)			
Environmental Rating	IP66		IP67	
Certification	FCC, CE, UL, REACH, RoHS, WEEE			

	Motorised Varifocal Lens
	1080p
	TVB-2406
	
Sensor	1/3" Progressive Scan, CMOS
Standard	HD-TVI
Resolution	1080p Analogue
Effective Pixels	1920(H) x 1080(V)
Synchronisation	Internal
Electronic Shutter	NTSC: 1/30 s to 1/30,000 s; PAL 1/25 s to 1/50,000 s
Digital S/N Ratio	52 dB (AGC Off)
Lens	5-50mm @ f2.0-f3.0 motorised zoom and auto focus
Day/Night	True D/N, IR cut filter
Wide Dynamic Range	120 dB WDR on HD-TVI output only (if WDR is enabled, then the 960H output is disabled)
Minimum Illumination	Color 0.01 lux @ (f1.2, AGC On); B/W: 0.001 lux @ (f1.2, AGC On); 0 lux with IR On
IR Range	330 ft. (100m)
Video Output	Dual output: HD-TVI and 960H Composite (when WDR is enabled, 960H output will be disabled)
Voltage Input	12 VDC / 24 VAC
Operating Temp	12VDC: -30 to 60°C; 24VAC: -40 to 60°C with heater on
Environmental Rating	IP66
Certification	FCC, CE, UL, RCM, REACH, RoHS, WEEE

TruVision® HD/Analogue Products

Dome Cameras	
Fixed Lens	Varifocal Lens
1080p	1080p
TVD-2403	TVD-2404
	
Sensor	
1/3" Progressive Scan, CMOS	
Standard	
HD-TVI	
Resolution	1080p Analogue
Effective Pixels	1920(H) x 1080(V)
Synchronisation	Internal
Electronic Shutter	NTSC: 1/30 s to 1/30,000 s; PAL: 1/25 s to 1/50,000 s
Digital S/N Ratio	52 dB (AGC Off)
Lens	2.8mm @ f2.2
Day/Night	2.8~12mm @ f1.4
Day/Night	
True D/N, IR cut filter	
Wide Dynamic Range	120 dB WDR on HD-TVI output only (if WDR is enabled, then the 960H output is disabled)
Minimum Illumination	Color: 0.01 lux @ (f1.2, AGC On); B/W: 0.001 lux @ (f1.2, AGC On); 0 lux with IR On
IR Range	Up to 66 ft. (20m)
Video Output	Dual output: HD-TVI and 960H Composite (when WDR is enabled, 960H output will be disabled)
Voltage Input	12VDC / 24VAC
Operating Temp	12VDC: -22 to 140°F (-30 to 60°C); 24VAC: -40 to 140°F (-40 to 60°C) with heater on
Environmental Rating	IP66
Vandal Rating	--
Certification	IK10
FCC, CE, UL, RCM, REACH, RoHS, WEEE	

Dome Camera	
Motorised Varifocal Lens	
5MPx	
TVD-2406	
	
Sensor	
5MPx Progressive Scan, CMOS	
Standard	
HD-TVI	
Resolution	
5MPx Analogue	
Effective Pixels	
2592(H) x 1944(V)	
Synchronisation	
Internal	
Electronic Shutter	
NTSC: 1/30 s to 1/50,000 s; PAL 1/25 s to 1/50,000 s	
Digital S/N Ratio	
>62 dB	
Lens	
2.8 to 12mm motorised	
Day/Night	
True D/N, IR cut filter	
Wide Dynamic Range	
DWDR	
Minimum Illumination	
0.01 lux @ (f1.2, AGC On); 0 lux with IR On	
IR Range	
132 ft. (40m)	
Video Output	
5MPx or 1080p TVI (only selectable via OSD when connected to 5MPx TVI recorder)	
Voltage Input	
12VDC / 24VAC	
Operating Temp	
-40 to 140°F (-40 to 60°C), Humidity <90% (non-condensing)	
Environmental Rating	
IP67	
Vandal Rating	
IK10	
Certification	
FCC, CE, UL, REACH, RoHS, WEEE	

	Bullet Cameras			
	Fixed Lens		Motorised Varifocal Lens	
	3MPx	5MPx	3MPx	5MPx
	TVB-2407	TVB-2409	TVB-2408	TVB-2410
				
Sensor	1/3" Progressive Scan, CMOS	5MPx Progressive Scan, CMOS	1/3" Progressive Scan, CMOS	5MPx Progressive Scan, CMOS
Standard	HD-TVI			
Resolution	3MPx Analogue	5MPx Analogue	3MPx Analogue	5MPx Analogue
Effective Pixels	2052(H) x 1536(V)	2592(H) x 1944(V)	2052(H) x 1536(V)	2592(H) x 1944(V)
Synchronisation	Internal			
Electronic Shutter	NTSC: 1/30 s to 1/50,000 s; PAL 1/25 s to 1/50,000 s			
Digital S/N Ratio	>62 dB			
Lens	3.6mm fixed	3.6mm fixed	2.8~12mm @ f1.4 motorised	
Day/Night	True D/N, IR cut filter			
Wide Dynamic Range	>120 dB	DWDR	>120 dB	DWDR
Minimum Illumination	0.01 lux @ (f1.2, AGC On); 0 lux with IR On			
IR Range	66 ft. (20m)		132 ft. (40m)	
Video Output	3MPx TVI or 960H Analogue	5MPx or 1080p TVI (only selectable via OSD when connected to 5MPx TVI recorder)	3MPx TVI or 960H Analogue	5MPx or 1080p TVI (only selectable via OSD when connected to 5MPx TVI recorder)
Voltage Input	12VDC	12VDC / 24VAC	12VDC	12VDC / 24VAC
Operating Temp	-40 to 140°F (-40 to 60°C), Humidity <90% (non-condensing)			
Environmental Rating	IP66	IP67	IP66	IP67
Certification	FCC, CE, UL, RCM, REACH, RoHS, WEEE			

HD-TVI/Analogue Cameras Ordering Information

HD-TVI BULLET CAMERAS	
TVB-2406	TruVision HD-TVI Analogue Bullet Camera, 1080p, 5~50mm Motorised VF Lens, True D/N, WDR, 100m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2407	TruVision HD-TVI Analogue Bullet Camera, 3MPx (use with 3MPx or higher TVI recorders), 3.6mm Lens, True D/N, WDR, 20m IR, Dual-Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, PAL
TVB-2408	TruVision HD-TVI Analogue Bullet Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8~12mm Motorised Lens, True D/N, WDR, 40m IR, Dual-Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2409	TruVision HD-TVI Analogue Bullet Camera, 5MPx (use with 5MPx or higher TVI recorders), 3.6mm Lens, True D/N, DWDR, 20m IR, HD-TVI Output, Coax OSD Control, 12VDC, IP67, PAL
TVB-2410	TruVision HD-TVI Analogue Bullet Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8~12mm Motorised Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC/24VAC, IP67, PAL
HD-TVI DOME CAMERAS	
TVD-2403	TruVision HD-TVI Analogue Dome Camera, 1080p, 2.8mm Lens, True D/N, WDR, 20m IR, 960H Monitor & HD-TVI Dual-output, 12VDC, IP66, Plastic, PAL
TVD-2404	TruVision HD-TVI Analogue Dome Camera, 1080p, 2.8~12mm VF Lens, True D/N, WDR, 40m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, IK10, PAL
TVD-2406	TruVision HD-TVI Dome Camera, 5MPx (used w/5MPx or higher TVI recorders), 2.8~12mm Motorised Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC/24VAC, IP67, IK10, PAL
HD-TVI TURRET CAMERAS	
TVT-2401	TruVision HD-TVI Analogue Turret Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8mm Lens, True D/N, WDR, 20m IR, Dual-Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, PAL
TVT-2402	TruVision HD-TVI Analogue Turret Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8~12mm Motorised Lens, True D/N, WDR, 40m IR, Dual-Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVT-2403	TruVision HD-TVI Analogue Turret Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8mm Lens, True D/N, DWDR, 20m IR, HD-TVI Output, Coax OSD Control, 12VDC, IP67, PAL
TVT-2404	TruVision HD-TVI Analogue Turret Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8~12mm Motorised Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC, IP67, PAL

TruVision® HD/Analogue Products

HD-TVI/Analogue Cameras Ordering Information

HD-TVI BULLET CAMERAS	
TVB-2405	TruVision HD-TVI Analogue Bullet Camera, 1080p, 2.8~12mm Motorized VF Lens, True D/N, WDR, 40m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2406	TruVision HD-TVI Analogue Bullet Camera, 1080p, 5~50mm Motorized VF Lens, True D/N, WDR, 100m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2407	TruVision HD-TVI Analogue Bullet Camera, 3MPx (use with 3MPx or higher TVI recorders), 3.6mm Lens, True D/N, WDR, 20m IR, Dual-Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, PAL
TVB-2408	TruVision HD-TVI Analogue Bullet Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8~12mm Motorized Lens, True D/N, WDR, 40m IR, Dual-Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2409	TruVision HD-TVI Analogue Bullet Camera, 5MPx (use with 5MPx or higher TVI recorders), 3.6mm Lens, True D/N, DWDR, 20m IR, HD-TVI Output, Coax OSD Control, 12VDC, IP67, PAL
TVB-2410	TruVision HD-TVI Analogue Bullet Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8~12mm Motorized Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC/24VAC, IP67, PAL
HD-TVI BOX CAMERAS	
TVC-2401	TruVision HD-TVI Box Camera, 1080p, C/CS Lens, True D/N, WDR, 960H Monitor & TVI Dual-output, TVI & Button OSD Control, 12VDC/24VAC, PAL
HD-TVI DOME CAMERAS	
TVD-2403	TruVision HD-TVI Analogue Dome Camera, 1080p, 2.8mm Lens, True D/N, WDR, 20m IR, 960H Monitor & HD-TVI Dual-output, 12VDC, IP66, Plastic, PAL
TVD-2404	TruVision HD-TVI Analogue Dome Camera, 1080p, 2.8~12mm VF Lens, True D/N, WDR, 40m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, IK10, PAL
TVD-2405	TruVision HD-TVI Analogue Dome Camera, 1080p, 2.8~12mm Motorized VF Lens, True D/N, WDR, 40m IR, 960H Monitor & HD-TVI Dual-output, Coax & Button OSD Control, 12VDC/24VAC, IP66, IK10, PAL
TVD-2406	TruVision HD-TVI Dome Camera, 5MPx (used w/5MPx or higher TVI recorders), 2.8~12mm Motorized Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC/24VAC, IP67, IK10, PAL
HD-TVI TURRET CAMERAS	
TVT-2401	TruVision HD-TVI Analogue Turret Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8mm Lens, True D/N, WDR, 20m IR, Dual-Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, PAL
TVT-2402	TruVision HD-TVI Analogue Turret Camera, 3MPx (use with 3MPx or higher TVI recorders), 2.8~12mm Motorized Lens, True D/N, WDR, 40m IR, Dual-Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVT-2403	TruVision HD-TVI Analogue Turret Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8mm Lens, True D/N, DWDR, 20m IR, HD-TVI Output, Coax OSD Control, 12VDC, IP67, PAL
TVT-2404	TruVision HD-TVI Analogue Turret Camera, 5MPx (use with 5MPx or higher TVI recorders), 2.8~12mm Motorized Lens, True D/N, DWDR, 40m IR, HD-TVI Output, Coax & Button OSD Control, 12VDC, IP67, PAL



TruVision® LED Monitors



LED Full HD Monitors

20", 22", 24", 27", 32" and 40" Class

The LED Full HD range of monitors is the latest advancement in TruVision monitors. Providing superior image quality, engineered for 24/7 operation and designed with slim profile, these monitors are a great fit for today's demanding video surveillance market.

- 1920 x 1080 full HD resolution
- 3D Comb filter for optimal image quality
- High contrast ratio for crisp images
- Supports 16:9 and 4:3 screen formats
- Multiple inputs including HDMI, VGA and BNC in/out

LED Full HD Monitors Ordering Information

MONITORS	
TVM-2212	TruVision LED 22" Class Full HD Monitor, HDMI/VGA
TVM-2002	TruVision LED 20" Class Full HD Monitor, HDMI/VGA/BNC
TVM-2202	TruVision LED 22" Class Full HD Monitor, HDMI/VGA/BNC
TVM-2402	TruVision LED 24" Class Full HD Monitor, HDMI/VGA/BNC
TVM-2702	TruVision LED 27" Class Full HD Monitor, HDMI/VGA/BNC
TVM-3202	TruVision LED 32" Class Full HD Monitor, HDMI/VGA/BNC
TVM-4002	TruVision LED 40" Class Full HD Monitor, HDMI/VGA/BNC

LED Full HD Monitors Comparison Table

	TVM-2212	TVM-2002	TVM-2202	TVM-2402	TVM-2702	TVM-3202	TVM-4002	
Display	21.5" LED Backlit	19.53" LED Backlit	21.5" LED Backlit	23.6" LED Backlit	27" LED Backlit	31.5" LED Backlit	39.5" LED Backlit	
Aspect Ratio	16:9							
Viewing Angle (H/V)	170°/160°	178°/178°	170°/160°		178°/178°			
Contrast Ratio	1000:1	3000:1	1000:1			5000:1		
Response Time	5 ms	20 ms	5 ms			8 ms	9.5 ms	
Resolution	1920 x 1080							
Audio Speaker Power	2 W x 2	1.5 W x 2		2 W x 2				
Video In/Out (BNC)	--	1 / 1						
VGA In (15 Pin D-Sub)				1				
HDMI In				1				
PC Stereo In				1				
Remote Control	No				Yes			
Input Voltage	100 to 240VAC							
Filter Type	--	3D Comb filter, De-interlace						
Operating Condition	32 to 104°F (0 to 40°C), Humidity 10 to 85% (non-condensing)							
VESA Mount	100 x 100mm							

TruVision® Keypads



TVK-800 IP Keypad

Aritech offers the TVK-800 as a full-featured IP keypad, designed to be used with the TruVision line of recorders, encoders and cameras.

- IP Keypad with LCD touch screen and 4-axis joystick

Keypad Ordering Information

IP KEYPAD

TVK-800	TruVision IP Keypad, 7" LCD Touch Screen, 4-axis Joystick, 12VDC, PoE
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TruVision® Hard Drives and Lenses

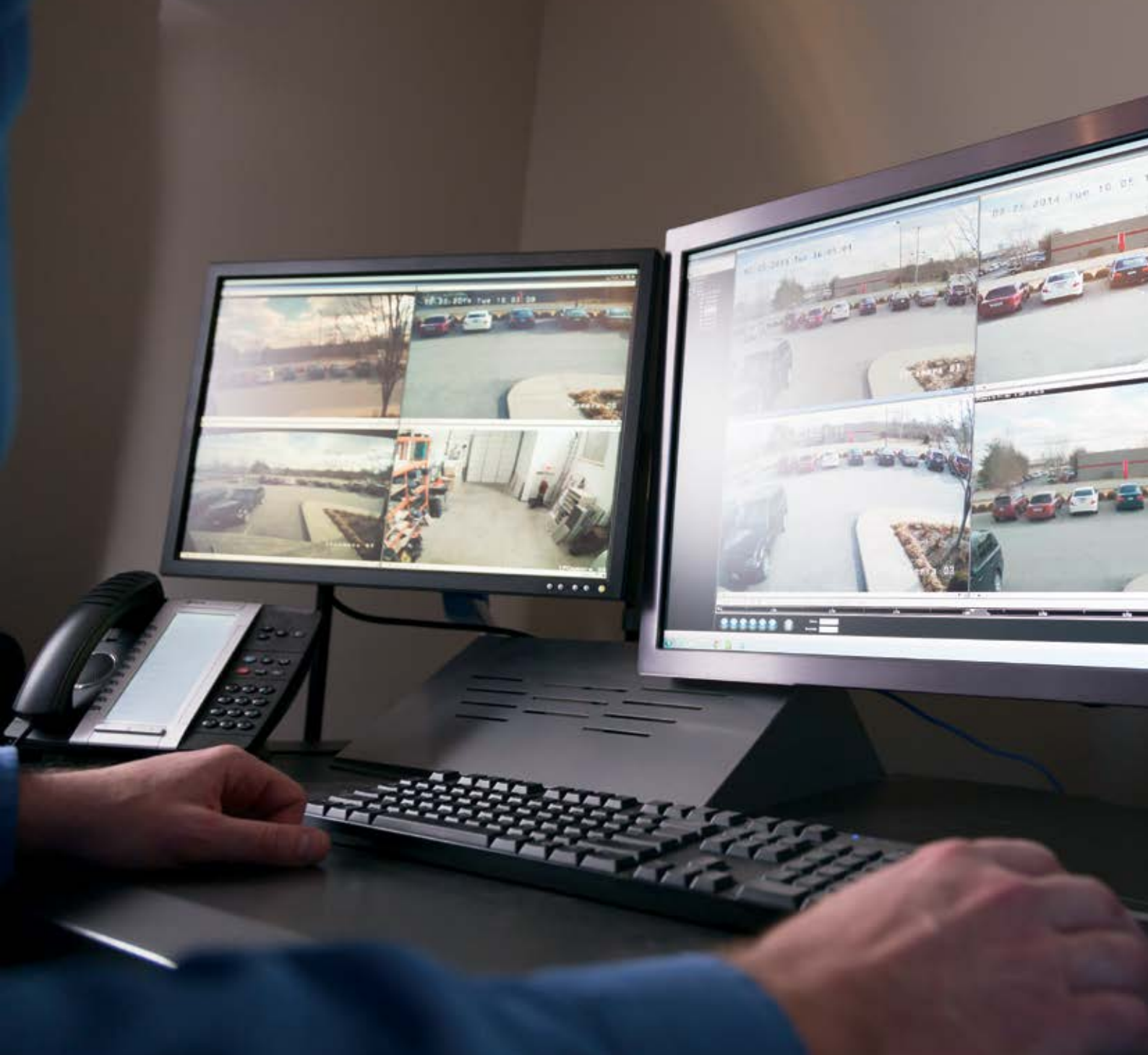


Hard drives

Aritech offers a complete line of internal hard drives designed for 24/7, always on, high-definition surveillance security systems for use in TruVision analogue HD-hybrid and NVR recorders.

Hard Drive Ordering Information

NON-RAID HDD	
TVN-HDD-4TB	TruVision NVR HDD Expansion Kit, 4TB Storage
TVN-HDD-6TB	TruVision NVR HDD Expansion Kit, 6TB Storage
TVN-HDD-8TB	TruVision NVR HDD Expansion Kit, 8TB Storage
RAID HDD	
TVN-HDDR-4TB	TruVision NVR HDD RAID Expansion Kit, 4TB Storage
TVN-HDDR-6TB	TruVision NVR HDD RAID Expansion Kit, 6TB Storage



DESIGNED
TO MEET THE
MOST DEMANDING
STANDARDS.

YOURS.

TruVision® Mounts and Bubbles



TruVision Camera Mounts and Bubbles

TruVision camera mounts offer a lightweight yet durable metal construction for installation flexibility and long-lasting support.

- Compatible with Aritech dome and wedge cameras
- High-quality metal construction provides added durability
- Rugged design supports both outdoor and indoor applications

Universal Mounts Ordering Information

BACK BOXES AND ADAPTERS	
TVB-2G-AD	TruVision Double Gang Box Adapter Plate (for Fixed Lens Bullet or LWB Wall Mount)
TVB-BB1	TruVision Bullet Camera Back Box (for Fixed Lens Bullet)
TVD-BB1	TruVision Dome Back Box (use w/Plastic Dome)
TVD-BB3	TruVision Dome Back Box (use w/TVD-6/-7 Series Analogue Dome, IP Indoor VF Domes, IP Outdoor Domes)
TVD-BB3A	TruVision Dome Angled Back Box (use w/TVD-6/-7 Series Analogue Dome, IP Indoor VF Domes, IP Outdoor Domes)
TVD-LWB-AD	TruVision LWB Bracket Adapter to TVD-SNB-BB Back Box
TVD-SNB-BB	TruVision TVD-SNB Back Box, 4-directional Conduit, Indoor & Outdoor
TVF-BBM	TruVision 360° Dome Round Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVF-WBM	TruVision 360° Dome Round Angled Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVJ-JBS	TruVision Junction Box, Stainless Steel
TVW-2G-AD	TruVision Double Gang Electrical Box Adapter Plate for Wedge Cameras
TVW-AWB-1	TruVision Outdoor Angled Back Box for Wedge Cameras
TVW-AWB-2	TruVision Indoor Angled Back Box for Wedge Cameras
WALL MOUNTS AND ADAPTERS	
DR-RWM-AD	TruVision Adapter for TVD Plastic Dome to DR & TVD-M2-WM Wall Mount Bracket
TVB-2G-AD	TruVision Double Gang Box Adapter Plate (for Fixed Lens Bullet or LWB Wall Mount)

TVB-WBS	TruVision Box Camera Housing (Bullet) Wall Mount for Stainless Steel Housing
TVD-CB2	TruVision Dome 2-inch Cup Base
TVD-CB3	TruVision Dome 3-inch Cup Base
TVD-CB5A	TruVision Integrated Dome 5-inch Cup Base (use w/TruVision IP Outdoor Dome Cameras, TVD-SNB, TVD-PPB)
TVD-CB6	TruVision Dome/Turret (5 in./135mm) Cup Base (use with TVD-SNB, TVD-PPB, TVD-CBW)
TVD-CB7	TruVision Dome (6 in./155mm) Cup Base (use with TVD-SNB, TVD-PPB, TVD-CBW)
TVD-LWB-1	TruVision Dome Bracket, L-shape, Indoor (use w/TWV Analogue/IP Wedge and HD-TVI Fixed Lens Dome Cameras)
TVD-LWB-2	TruVision Dome Bracket, L-shape, Indoor (use w/TVD Analogue/HD-TVI VF Domes and IP Motor Lens Outdoor Dome)
TVD-LWB-AD	TruVision LWB Bracket Adapter to TVD-SNB-BB Back Box
TVD-LWB-S	TruVision Dome Camera Wall Mount Shield (use w/TVD-LWB-1 or TVD-LWB-2)
TVD-M-CMA	TruVision Corner Mount Adapter (use w/TVD-SNB, TVC VF/Motor Lens IP Bullet Cameras and TVD-HD-TVI/Analogue VF Bullet Cameras)
TVD-M-PMA	TruVision Pole Mount Adapter (use w/TVD-SNB, TVC VF/Motor Lens IP Bullet Cameras and TVD-HD-TVI/Analogue VF Bullet Cameras)
TVD-M2-WM	TruVision Dome Wall Mount (use w/TVD VF Domes)
TVD-SNB	TruVision Dome Swan Neck Bracket (use w/TVD-CB5A, TVD-CB3, TVD-CB2, TVW-DVM)
TVD-CBW	TruVision Dome Cup Base Wall Mount (use w/TVD-CB2, TVD-CB3, TVD-CB5A, TVD-CB6, TVD-CB7)
TVD-WBS	TruVision Dome Wall Mount for Stainless Steel Dome
TVF-CBM	TruVision 360° Dome Cup Base (use w/TVD-PPB for Pendant Mount or TVD-SNB for Wall Mount)
TVW-DVM	TruVision Dual View Mount for Wedge (use w/TVD-PPB and TVD-SNB)
PENDANT MOUNTS AND ADAPTERS	
TVD-CB2	TruVision Dome 2-inch Cup Base
TVD-CB3	TruVision Dome 3-inch Cup Base
TVD-CB5A	TruVision Integrated Dome 5-inch Cup Base (use w/TruVision IP Outdoor Dome Cameras, TVD-SNB, TVD-PPB)
TVD-CB6	TruVision Dome/Turret (5 in./135mm) Cup Base (use with TVD-SNB, TVD-PPB, TVD-CBW)
TVD-CB7	TruVision Dome (6 in./155mm) Cup Base (use with TVD-SNB, TVD-PPB, TVD-CBW)
TVD-CBM	TruVision 360° Dome Cup Base (use w/TVD-PPB for Pendant Mount or TVD-SNB for Wall Mount)
TVD-PPB	TruVision Dome Pendant Mount Bracket (use w/TVD-CB5A, TVD-CB3, TVD-CB2, TVW-DVM)
TVW-DVM	Dual View Mount for Wedge (use w/TVD-PPB and TVD-SNB)
FLUSH MOUNTS	
TVD-M2-FM	TruVision Indoor Flush Mount (use w/TVD IP VF Domes)
TVD-VFM	TruVision VF Dome Flush Mount (for Analogue and TVI)
360° CAMERA ACCESSORIES	
TVF-BBM	TruVision 360° Camera Round Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVF-CBM	TruVision 360° Camera Cup Base (use with TVD-PPB for Pendant Mount or TVD-SNB for Wall Mount)
TVF-WBM	TruVision 360° Camera Round Angled Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
PTZ CAMERA ACCESSORIES	

1060050A	TruVision Pendant Adapter for PTZ, 1 1/4 NPT, Rubber Boot, UTC Gray (use to pendant mount PTZ)
GEA-102	TruVision Wall Mount, Cast Aluminum
GEA-104	TruVision Parapet Swing-Arm Mount
GEA-105	TruVision PTZ Corner Mount Adapter
GEA-106	TruVision PTZ Pole Mount Adapter
TVP-CBB	TruVision Compact PTZ Compact Box (TVP-5103)
TVP-CCBWM	TruVision Compact Cup Base PTZ Wall Mount (TVP-5103)
TVP-CFM	TruVision Compact PTZ Flush Mount (TVP-5103)
TVP-CWM	TruVision Compact PTZ Indoor Wall Mount, Plastic (TVP-5101)
TVP-PAS	TruVision PTZ Pendant Mount for Stainless Steel PTZ
TVP-SAM	TruVision PTZ Swing Arm Mount
TVP-SAMB	TruVision PTZ Swing Arm Mount Safety U Bracket
TVP-WBS	TruVision PTZ Wall Mount, for Stainless Steel PTZ
TVP-WM-CM	TruVision PTZ Dome Corner Mount Adapter (use w/TVP-WMB Wall Mount Bracket)
TVP-WM-PM	TruVision PTZ Dome Pole Mount Adapter (use w/TVP-WMB Wall Mount Bracket)
TVP-WMB	TruVision PTZ Dome Wall Mount Bracket

Dome Bubbles Ordering Information









TVD-BHS-1B	TruVision IP Wedge Bubble & Housing Spare, Clear, Metal Housing, Mic Hole, Black
TVD-BHS-1BP	TruVision IP Wedge Bubble & Housing Spare, Clear, Plastic Housing, Wi-Fi® Version, Mic Hole, Black
TVD-BHS-1G	TruVision IP Wedge Bubble & Housing Spare, Clear, Metal Housing, Mic Hole, Gray
TVD-BHS-1GP	TruVision IP Wedge Bubble & Housing Spare, Clear, Plastic Housing, Wi-Fi® Version, Mic Hole, Gray
TVD-BHS-1W	TruVision IP Wedge Bubble & Housing Spare, Clear, Metal Housing, Mic Hole, White
TVD-BHS-1WP	TruVision IP Wedge Bubble & Housing Spare, Clear, Plastic Housing, Wi-Fi® Version, Mic Hole, White
TVD-BS-1C	TruVision Wedge Bubble Spare, Clear
TVD-BS-1S	TruVision Wedge Bubble Spare, Smoked
TVD-BS-2C	TruVision Plastic Dome Bubble Spare, Clear
TVD-BS-2S	TruVision Plastic Dome Bubble Spare, Smoked
TVD-BS-3C	TruVision Dome Bubble Spare for IP VF and TVD-6/-7 Series Analogue VF, Clear
TVD-BS-3S	TruVision Dome Bubble Spare for IP VF and TVD-6/-7 Series Analogue VF, Smoked
TVD-BS-5C	TruVision Dome Bubble Spare for IP Series 4 Outdoor Version, IP 12/32 Motor Lens, 22/42 and 24/44 Series Analogue VF, Clear
TVD-BS-5S	TruVision Dome Bubble Spare for IP Series 4 Outdoor Version, IP 12/32 Motor Lens, 22/42 and 24/44 Series Analogue VF, Smoked













Secure critical
infrastructure with
TruVision® on board.

TruVision® Mounts and Adapters

Turret, Wedge, And Dome Camera Mount Selection Guide

		Adapter Plate Included	Back Box Included	Mounting to a Back Box	Mounting to 2 Gang Electrical Box	Flush Mount		Wall Mount				
		Refer to legend below	Refer to legend below			TVD-M2-FM 	TVD-VFM 	TVD-LWB-1 ((1+9) or 10") 	TVD-LWB-2 ((1+9) or 10") 	TVW-AWB-1 	TVW-AWB-2 	DR Series DR-RWM 
Accessories								TVD-LWB-S 				
Threaded Pipe Mounts												
Cat.	SKU											
	PAL											
	TVF-1104			5, 6								
	TVW-1130	A		(3 or 4) + 7	8			A				A + 7
	TVD-5303	B		3, 4	B	B			B			
	TVD-5304	B		3, 4	B	B			B			
	TVT-5301	D		(3 or 4) + D	D							
	TVT-5302	D		(3 or 4) + D	D							
	TVT-5303	D		(3 or 4) + D	D							
	TVD-5401	C		3, 4	C				C			
	TVD-5403	C		3, 4	C	C			C			
	TVD-5404		F	F	F				F			
	TVD-5406		F	F	F				F			
	TVD-5407		F	F	F				F			
	TVD-5408		F	F	F				F			
	TVD-5602			2								7
	TVD-5603			2								7
	TVD-5605	H	J		H							
	TVD-5606	H	J		H							















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Optional Back Boxes and Adapters									
Wall/Ceiling Mount						Adapters			
(1) TVD-SNB-BB Wall Mount Back Box 	(2) TVD-BB1 Dome Back Box 	(3) TVD-BB3 Dome Back Box 	(4) TVD-BB3A Dome Angled Back Box 	(5) TVF-BBM 360° Back Box 	(6) TVF-WBM 360° Angled Back Box 	(7) DR-RWM-AD Dome/Wedge Adapter Plate 	(8) TVW-2G-AD 2 Gang Elec. Box Adapter 	(9) TVD-LWB-AD LWB Wall Mount Adapter Plate 	(10) TVB-2G-AD Recessed 2 Gang Adapter* 

*Note: Not compatible with surface mount/all-weather 2 gang box.









		Wall/Pendant Mount							
Mounting Brackets		TVD-SNB (1, 11, 12)		TVD-CBW		TVD-PPB		TVD-M2-WM (1, 11, 12)	
Accessories									
Threaded Pipe Mounts		TWV-AWB-1	TVW-DVM	TVD-CB2	TVD-CB3	TVD-CB5A	TVD-CB6	TVD-CB7	TVF-CBM
Cat.	SKU								
	PAL								
	TVF-1104								
	TVW-1130			A					A + 7
	TVD-5303				B				B
	TVD-5304				B				B
	TVT-5301				D				D
	TVT-5302				D				D
	TVT-5303				D				D
	TVD-5401				C				C
	TVD-5403				C				C
	TVD-5404					Remove F			
	TVD-5406					Remove F			
	TVD-5407					Remove F			
	TVD-5408					Remove F			
	TVD-5602				7				7
	TVD-5603				7				7
	TVD-5605						H		
	TVD-5606						H		











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Optional Corner and Pole Mounts, Shield			Included Adapters and Back Boxes										
Corner/Pole Mount		Shield	Adapters					Back Boxes					
(11) TVD-M-CMA Corner Mount	(12) TVD-M-PMA Pole Mount	TVD-LWB-S Dome Shield	(A) S1 and S3 Wedge Adapter Plate	(B) IP Manual VF Lens Dome Adapter Plate	(C) IP Indoor VF Dome Adapter Plate	(D) Turret Adapter Plate	(G) S6 Wedge Adapter Plate	(H) S6 Motorized Dome Adapter Plate	(I) S6 Motorized Turret Adapter Plate	(E) Analogue Manual VF Lens Dome Back Box	(F) Motorized Lens Dome Back Box	(J) Motorized Lens S6 Dome Back Box	(K) Motorized Lens S6 Turret Back Box
													

TruVision® Mounts and Bubbles

Turret, Wedge, And Dome Camera Mount Selection Guide

		Adapter Plate Included	Back Box Included	Mounting to a Back Box	Mounting to 2 Gang Electrical Box	Flush Mount		Wall Mount				
		Refer to legend below	Refer to legend below			TVD-M2-FM 	TVD-VFM 	TVD-LWB-1 ((1+9) or 10*) 	TVD-LWB-2 ((1+9) or 10*) 	TVW-AWB-1 	TVW-AWB-2 	DR Series DR-RWM 
Accessories								TVD-LWB-S 				
Threaded Pipe Mounts												
Cat.	SKU											
		PAL										
	TVT-5604		D		(3 or 4) + D	D						
	TVT-5605		D		(3 or 4) + D	D						
	TVT-5606		D		(3 or 4) + D	D						
	TVT-5607		D		(3 or 4) + D	D						
	TVT-5609		I	K		I						
	TVT-5610		I	K		I						
	TVT-5611		I	K		I						
	TVW-5604		G		(3 or 4) G + 7			G				G + 7
	TVW-5605		G		(3 or 4) G + 7			G				G + 7
Analogue Cameras	TVW-2101		A		(3 or 4) + 7	8		A				A + 7
	TVD-2202			E	E	E			E			
	TVD-2401				2							7
	TVD-2402			E	E	E			E			
	TVD-2403				2							7
	TVD-2404			E	E	E			E			
	TVD-2405			E	E	E			E			
	TVD-2406			E	E	E			E			
	TVT-2401		D		(3 or 4) + D	D						
	TVT-2402		D		(3 or 4) + D	D						
	TVT-2403		D		(3 or 4) + D	D						
	TVT-2404		D		(3 or 4) + D	D						
	TVW-2101		A		(3 or 4) + 7	8			A			A + 7
TVW-6101		A		(3 or 4) + 7	8			A			A + 7	

Optional Back Boxes and Adapters									
Wall/Ceiling Mount						Adapters			
(1) TVD-SNB-BB Wall Mount Back Box 	(2) TVD-BB1 Dome Back Box 	(3) TVD-BB3 Dome Back Box 	(4) TVD-BB3A Dome Angled Back Box 	(5) TVF-BBM 360° Back Box 	(6) TVF-WBM 360° Angled Back Box 	(7) DR-RWM-AD Dome/Wedge Adapter Plate 	(8) TVW-2G-AD 2 Gang Elec. Box Adapter 	(9) TVD-LWB-AD LWB Wall Mount Adapter Plate 	(10) TVB-2G-AD Recessed 2 Gang Adapter* 
*Note: Not compatible with surface mount/all-weather 2 gang box									




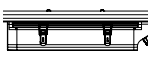
		Wall/Pendant Mount								
Mounting Brackets		TVD-SNB (1, 11, 12)		TVD-CBW		TVD-PPB		TVD-M2-WM (1, 11, 12)		
Accessories										
Threaded Pipe Mounts		TVW-AWB-1	TVW-DVM	TVD-CB2	TVD-CB3	TVD-CB5A	TVD-CB6	TVD-CB7	TVF-CBM	
Cat.	SKU									
		PAL								
Analogue Cameras	TVT-5604				D					D
	TVT-5605				D					D
	TVT-5606				D					D
	TVT-5607				D					D
	TVT-5609						I			
	TVT-5610						I			
	TVT-5611						I			
	TVW-5604			G						G + 7
TVW-5605			G						G + 7	
TVW-2101			A						A + 7	
TVD-2202				E					E	
TVD-2401				7					7	
TVD-2402				E					E	
TVD-2403				7					7	
TVD-2404				E					E	
TVD-2405				E					E	
TVT-2401				E					E	
TVT-2402				D					D	
TVT-2403				D					D	
TVT-2404				D					D	
TVW-2101			A						A + 7	
TVW-6101			A						A + 7	

Optional Corner and Pole Mounts, Shield		
Corner/Pole Mount		Shield
(11) TVD-M-CMA Corner Mount	(12) TVD-M-PMA Pole Mount	TVD-LWB-S Dome Shield

Included Adapters and Back Boxes										
Adapters						Back Boxes				
(A) S1 and S3 Wedge Adapter Plate	(B) IP Manual VF Lens Dome Adapter Plate	(C) IP Indoor VF Dome Adapter Plate	(D) Turret Adapter Plate	(G) S6 Wedge Adapter Plate	(H) S6 Motorized Dome Adapter Plate	(I) S6 Motorized Turret Adapter Plate	(E) Analogue Manual VF Lens Dome Back Box	(F) Motorized Lens Dome Back Box	(J) Motorized Lens S6 Dome Back Box	(K) Motorized Lens S6 Turret Back Box

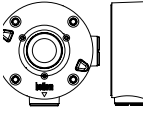
TruVision® Mounts and Bubbles

Box and Bullet Camera Mount Selection Guide

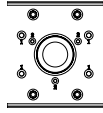
		Back Box Included	Mounting to a Back Box	Mounting to a Recessed 2 Gang Electrical Box	Box Camera Housing (Bullet Camera) Wall Mount, Stainless Steel	Wall Mount		Box Camera Outdoor Housing w/Heater and TVC-M2-WM Wall Mount	
Mounting Brackets		Refer to legend below.				TVC-M-WM 	TVC-M2-WM 	TVC-OH2-H 	
Cat.	SKU								
	PAL								
IP Cameras	TVB-1101		1	2					
	TVB-1102		1	2					
	TVB-1103		1	2					
	TVB-1104	A							
	TVB-1105	A							
	TVB-1201	A							
	TVB-1202	A							
	TVB-1203	A							
	TVB-5303	A							
	TVB-5304	A							
	TVB-5401	A							
	TVB-5402	A							
	TVB-5403	A							
	TVB-5405	A							
	TVB-5602			1	2				
	TVB-5603			1	2				
	TVB-5605	B			B				
	TVB-5606	B			B				
	TVB-5701	A							
	TVB-5702	A							
TVC-1201									
TVC-1202									
TVC-5401									
TVC-5403									
Analogue Cameras	TVB-2201		1	2					
	TVB-2202		1	2					
	TVB-2203	A							
	TVB-2401		1	2					
	TVB-2402	A							
	TVB-2403		1	2					
	TVB-2404	A							
	TVB-2405	A							
	TVB-2406	A							
	TVB-2407		1	2					
	TVB-2408	A							
	TVB-2409		1	2					
TVB-2410	A								
TVC-2401									

Optional Back Box and Adapter

(1)
TVB-BB1
Fixed Lens Bullet Back Box




(2)
TVB-2G-AD
Recessed 2 Gang Box*
Adapter Plate

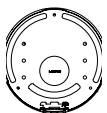


Included Back Box

(A)
VF Lens Bullet Back Box


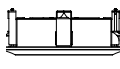
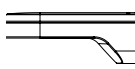
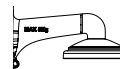
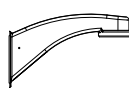
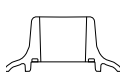
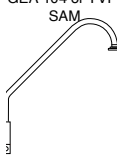


(B)
Motorized Lens S6
Bullet Back Box
and Adapter Plate



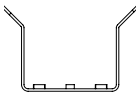
*Note: Not compatible with surface mount/all-weather 2 gang box.

PTZ Camera Mount Selection Guide

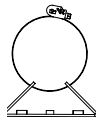
		Back Box Compact PTZ	Flush Mount Compact PTZ	Indoor Wall Mount Compact PTZ	Cup Base Wall Mount Compact PTZ	Wall Mount Standard PTZ	Pendant Adapter	Swing Arm Mount Standard PTZ
Mounting Brackets		TVP-CBB 	TVP-CFM 	TVP-CWM 	TVP-CCBWM* 	GEA-102 or TVP-WMB (1), (2) 	10060050A 	GEA-104 or TVP-SAM 
Cat.	SKU							
	PAL							
IP Cameras	TVP-1101							
	TVP-1102							
	TVP-1103							
	TVP-1104							
	TVP-1105							
	TVP-1106							
	TVP-1122							
	TVP-5101							
	TVP-5102							
	TVP-5103							
TVP-5104								
TVP-5105								
Analogue Cameras	TVP-2101							
	TVP-2102							
	TVP-2103							
	TVP-2104							
	TVP-2105							
	TVP-2106							
	TVP-2401							
	TVP-2402							
	TVP-2403							
	TVP-6101							
TVP-6102								
TVP-6103								

Optional Corner and Pole Mount

(1)
GEA-105 or TVP-WM-CM
Corner Mount



(2)
GEA-106 or TVP-WM-PM
Pole Mount



*Note: TVP-CCBWM wall mount does not work with Corner Mounts (GEA-105, TVP-WM-CM) or Pole Mounts (GEA-106, TVP-WM-PM) as the mounting holes do not line up.



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