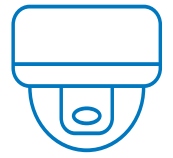


Video QuickScan



BENELUX

Q1 3-2024



Information

This brochure contains our overview of frequently used CCTV products-and compositions from our complete range of products (previous versions expire with this release).

You can download our free software programs and service tools from our website:

<https://nl.firesecurityproducts.com/nl/products/video/video-software>

or via Google Play / App store:



Software / service tools

	<p>TVRMobile/Advisor App</p> <p>App for smartphone or tablet, available for Android and iOS via Google Play or App Store. This app allows direct access to multiple DVR/NVRs or IP cameras. Live and playback of images, as well as switching of output contacts are standard features.</p>
	<p>TruVision Navigator</p> <p>This free VMS software can be used to directly access, control and manage multiple DVR/NVRs and IP cameras from a distance. Using graphical floor plans and multiple Views, it is possible to create an image layout of your choice. Search and archiving of images are standard features. TruVision Navigator has a handy Device Manager with very useful tools such as, for example, the Storage Calculator.</p>
	<p>TruVision Storage Calculator</p> <p>With this software - that is integrated into TruVision Navigator's Device Manager - it is possible to determine how large the HDD capacity should be. By entering, among other things, recording resolution/speed and percentage movement per day, you can accurately determine the HDD capacity over a certain period of time. This calculator can also be used to calculate bandwidth in the network.</p>
	<p>TruVision Device Manager</p> <p>Software service tool for DVR/NVRs and IP cameras. With this software you can see the IP addresses instantly and adjust them if necessary. The firmware version is immediately visible. It is also possible to update multiple products at the same time.</p>
	<p>UltraSync empowered</p> <p>With the introduction of the new TVN-12 recorders, UltraSync also makes its appearance within our video platform. With the arrival of the TVN-12 and new future TruVision recorders, Port-Forwarding will become a thing of the past.</p>

Commercial documentation




<p>Selection guide</p> <p>Camera mounts selection tool. Note: Make sure to enable macros when opening this MS Excel based tool. (June 27, 2023)</p> <p>Version 1.3.7 1.30MB</p>	<p>Selection Guide</p> <p>For proper mounting accessories, visit our website nl.firesecurityproducts.com/be.firesecurityproducts.com and download the "Selection Guide" listed under downloads for each camera model (Camera mounts tool V1.3.7).</p>
---	--






Please note that some products are not recommended and sold in the EU.

Table of contents

IP Network video solutions	4
TruVision IP M-Series Wedge Cameras	4
TruVision IP M-Series Dome Cameras	5
TruVision IP Turret M-Series Cameras	6
TruVision IP M-Series Bullet Cameras	7
TruVision IP Full Color M-Series Cameras	8
IP Network video solutions	9
TruVision IP Dome & Bullet P-Series Cameras	9
TruVision IP Thermal & Bispectral Cameras	10
TruVision IP Thermal camera	11
TruVision IP 360° Cameras Series	11
TVF Series Cameras Mounting Accessories	12
TruVision People counting cameras	12
TruVision IP Licence Plate Cameras	13
TruVision IP PTZ M & P Series Speeddome Cameras	14
TruVision IP PTZ M & P Series Speeddome Cameras	15
TruVision PTZ Speeddome keypads	15
TruVision TVN-12 Video Kits TruVision	16
Plug-And-Play Surveillance Bundle	16
TruVision TVN-12 Video Kits TruVision	17
Plug-And-Play Surveillance Bundle	17
TruVision TVN12 IP Network Recorders	18
TruVision TVN-22xxS IP Recorders	19
TruVision TVN-22xx IP Recorders	20
TruVision TVN-22xxP IP Recorders	21
TruVision TVN-22xxP IP Recorders	22
TruVision TVN-71 IP Network Recorders	23
Comparison table Network Video Recorders	24
Comparison table Network Video Recorders	25
TruVision Led monitors	26
Led Monitors	26
Analog HD-TVI video solutions	27
TruVision Analog HD PTZ SpeedDome cameras	27
TruVision Analog HD/4K Cameras	28
TruVision TVR-17 4K Hybrid HD Recorders	29
Specifications table TVR-17 4K Hybrid Recorders	30
Specifications table TVR-17 4K Hybrid Recorders	31
Switches-Encoder Decoder-Converters	32
IP network transmission communication, media converters	32
IP network transmission communication, accessories	33
TruVision IP Encoders and Decoder	34
IP network transmission communication equipment, switches	35
IP network transmission communication equipment, media converters	36
Video integration overview	37
Video total solution	38
Analog, Hybrid or full IP	38
Cameras new item no. structure	39

TruVision IP M-Series Wedge Cameras

	Article	Camera							Objective				Connections					
		Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Lens (in mm)	IR Range	White housing	Black housing	IP67 (water and dust)	IK08 (Impact resistance)	POE 802.3af or 12Vdc	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
	TVGP-M01-0201-WED-G	2	•	•	•	•	•	•	2,8	30			•	•	•	•	•	•
	TVGP-M01-0401-WED-G	4	•	•	•	•	•	•	2,8	30			•	•	•	•	•	•
	TVGP-M01-0401-WED-W	4	•	•	•	•	•	•	2,8	30	•		•	•	•	•	•	•
	TVGP-M01-0401-WED-B	4	•	•	•	•	•	•	2,8	30		•	•	•	•	•	•	•

	Article	Description
	TVW-BB1	TruVision Wedge Camera back box
	DR-RWM-AD	TruVision Adapter plate DR wall mount bracket
	TVD-M2-WM	TruVision wall mount
	TVD-LWB-1	TruVision L-Shape bracket
	TVD-LWB-S	TruVision water shield for TVD-LWB wall bracket

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.



TruVision IP M-Series Dome Cameras





Article	Camera/Sensor							Objective					Connections				
	Megapixel	True WDR 120dB	True Day / Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Focallength (mm)	Motorized Zoom Lens	IR Range	White housing	IP67 (water and dust)	IK10 (Impact resistance)	PoE Current	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
TVGP-M01-0201-DOM-G	2	120dB	•	•	•	•	•	2,8		30		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0201-DOM-W	2	120dB	•	•	•	•	•	2,8		30	•	•	•	802.3af (PoE)	•	•	•
TVGP-M01-0401-DOM-G	4	120dB	•	•	•	•	•	2,8		30		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0401-DOM-W	4	120dB	•	•	•	•	•	2,8		30	•	•	•	802.3af (PoE)	•	•	•
TVGP-M01-0801-DOM-G	8	120dB	•	•	•	•	•	2,8		30		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0801-DOM-W	8	120dB	•	•	•	•	•	2,8		30	•	•	•	802.3af (PoE)	•	•	•
TVGP-M01-0202-DOM-G	2	120dB	•	•	•	•	•	2,8-12	•	40		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0202-DOM-W	2	120dB	•	•	•	•	•	2,8-12	•	40	•	•	•	802.3af (PoE)	•	•	•
TVGP-M01-0402-DOM-G	4	120dB	•	•	•	•	•	2,8-12	•	40		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0402-DOM-W	4	120dB	•	•	•	•	•	2,8-12	•	40	•	•	•	802.3af (PoE)	•	•	•
TVGP-M01-0802-DOM-G	8	120dB	•	•	•	•	•	2,8-12	•	40		•	•	802.3af (PoE)	•	•	•
TVGP-M01-0802-DOM-W	8	120dB	•	•	•	•	•	2,8-12	•	40	•	•	•	802.3af (PoE)	•	•	•

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.



TruVision IP Turret M-Series Cameras

	Article	Camera/Sensor							Objective					Connections					
		Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Focal length (mm)	Motorized Zoom Lens	IR Range	White housing	Black housing	IP67 (water and dust)	IK10 (Impact resistance)	PoE 802.3af or 12Vdc	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
	TVGP-M01-0201-TUR-G	2	•	•	•	•	•	•	2,8		30			•	•	•	•	•	•
	TVGP-M01-0201-TUR-W	2	•	•	•	•	•	•	2,8		30	•		•	•	•	•	•	•
	TVGP-M01-0201-TUR-B	2	•	•	•	•	•	•	2,8		30		•	•	•	•	•	•	•
	TVGP-M01-0401-TUR-G	4	•	•	•	•	•	•	2,8		30			•	•	•	•	•	•
	TVGP-M01-0401-TUR-W	4	•	•	•	•	•	•	2,8		30	•		•	•	•	•	•	•
	TVGP-M01-0401-TUR-B	8	•	•	•	•	•	•	2,8		30		•	•	•	•	•	•	•
	TVGP-M01-0801-TUR-G	8	•	•	•	•	•	•	2,8		30			•	•	•	•	•	•
	TVGP-M01-0202-TUR-G	2	•	•	•	•	•	•	2,8 - 12	•	40			•	•	•	•	•	•
	TVGP-M01-0402-TUR-G	4	•	•	•	•	•	•	2,8 - 12	•	40			•	•	•	•	•	•
	TVGP-M01-0402-TUR-W	4	•	•	•	•	•	•	2,8 - 12	•	40	•		•	•	•	•	•	•
	TVGP-M01-0802-TUR-G	8	•	•	•	•	•	•	2,8 - 12	•	40			•	•	•	•	•	•

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.

	Article	Description
	TVD-CBW-CB-B	TruVision wall mount bracket and cup base for turret cameras with fixed lens, black.
	TVD-BB3A-B	TruVision angled back box for turret cameras with fixed lens, black.

TruVision IP M-Series Bullet Cameras

		Camera							Objective				Connections				
Article		Megapixel	True WDR	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Focal length (mm)	Motorized Zoom Lens	IR Range	IP67 (water and dust)	IK10 (Impact resistance)	PoE Current	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
	TVGP-M01-0201-BUL-G	2	120dB	•	•	•	•	•	4,0		40	•	•	802.3af (PoE)	•	•	•
	TVGP-M01-0401-BUL-G	4	120dB	•	•	•	•	•	4,0		40	•	•	802.3af (PoE)	•	•	•
	TVGP-M01-0801-BUL-G	8	120dB	•	•	•	•	•	4,0		40	•	•	802.3af (PoE)	•	•	•
	TVGP-M01-0202-BUL-G	2	120dB	•	•	•	•	•	2,8-12	•	60	•	•	802.3af (PoE)	•	•	•
	TVGP-M01-0402-BUL-G	4	120dB	•	•	•	•	•	2,8-12	•	60	•	•	802.3af (PoE)	•	•	•
	TVGP-M01-0802-BUL-G	8	120dB	•	•	•	•	•	2,8-12	•	60	•	•	802.3af (PoE)	•	•	•

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.

TruVision IP Full Color M-Series Cameras

Article	Camera/Sensor						Objective					Connections						
	Megapixel	True WDR 130dB	True Day / Night	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Focal length (mm)	Motorized Zoom Lens	White light	Alarm Stroboscoop light	IP67 (water and dust)	IK10 (Impact resistance)	PoE 802.3af or 12Vdc	Built-in microphone	Built-in speaker	2-Way Audio	Alarm In / Out	SD card slot
TVFC-M01-0401-BUL-G	4	•	•	•	•	•	2,8		40m		•		•	•				•
TVFC-M01-0402-BUL-G	4	•	•	•	•	•	2,8		60m	•	•		•	•		•	•	•
TVFC-M01-0403-BUL-G	4	•	•	•	•	•	2,8-12	•	60m		•		•			•	•	•
TVFC-M01-0802-BUL-G	8	•	•	•	•	•	2,8		60m	•	•		•	•	•	•	•	•
TVFC-M01-0401-DOM-G	4	•	•	•	•	•	2,8				•		•	•		•	•	•
TVFC-M01-0402-DOM-G	4	•	•	•	•	•	2,8		30m		•	•	•	•		•	•	•
TVFC-M01-0403-DOM-G	4	•	•	•	•	•	2,8-12	•	40m		•	•	•			•	•	•
TVFC-M01-0401-TUR-G	4	•	•	•	•	•	2,8		30m		•		•	•				•
TVFC-M01-0402-TUR-G	4	•	•	•	•	•	2,8		30m	•	•		•	•	•	•	•	•
TVFC-M01-0802-TUR-G	8	•	•	•	•	•	2,8		30m	•	•		•	•	•	•	•	•
TVFC-M01-0401-WED-G	4	•	•	•	•	•	2,8		30m		•	IK8	•	•		•	•	•
TVD-CB10	Cup Base																	
TVB-BB2	Back box																	











New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.

TVFC-M01-0401-BUL-G		TVFC-M01-0401-TUR-G	
TVFC-M01-0402-BUL-G		TVFC-M01-0402-TUR-G	
TVFC-M01-0403-BUL-G		TVFC-M01-0802-TUR-G	
TVFC-M01-0802-BUL-G		TVFC-M01-0401-WED-G	
TVFC-M01-0401-DOM-G		TVD-CB10	
TVFC-M01-0402-DOM-G		TVB-BB2	
TVFC-M01-0403-DOM-G			

TruVision IP Dome & Bullet P-Series Cameras

Article	Camera/Sensor								Objective				Connections				
	Megapixel	True WDR 120dB	True Day / Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Face Capture / People Management	Focal length (mm)	Motorized Zoom Lens	IR Range	IP67 (water and dust)	IK10 (impact resistance)	PoE Current	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
TVGP-P01-0403-DOM-G	4	120dB	•	•	•	•	•	•	2,7-13,5	•	50	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0803-DOM-G	8	120dB	•	•	•	•	•	•	2,7-13,5	•	40	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0401-DOM-G	4	140dB	•	•	•	•	•	•	2,8-12	•	40	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0402-DOM-G	4	140dB	•	•	•	•	•	•	8-32	•	50	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0801-DOM-G	8	120dB	•	•	•	•	•	•	2,8-12	•	40	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0802-DOM-G	8	120dB	•	•	•	•	•	•	8-32	•	50	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0401-BUL-G	4	140dB	•	•	•	•	•	•	2,8-12	•	60	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0402-BUL-G	4	140dB	•	•	•	•	•	•	8-32	•	80	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0801-BUL-G	8	120dB	•	•	•	•	•	•	2,8-12	•	60	•	•	802.3at (PoE+)	•	•	•
TVGP-P01-0802-BUL-G	8	120dB	•	•	•	•	•	•	8-32	•	80	•	•	802.3at (PoE+)	•	•	•

TVGP-P Series cameras feature a P-Iris lens that offers improvements in contrast, clarity, resolution and depth of field. P-Iris is designed to overcome the shortcomings of an auto-iris lens. A good depth of field where objects at different distances from the camera are in focus at the same time is a "must" in video surveillance. (E.g. a long corridor or parking lot). A P-Iris lens uses a motor to precisely control the position of the iris opening. Together with software configured to optimize the performance of the lens and image sensor, P-Iris automatically provides the best iris position for optimal image quality in all lighting conditions. In addition, the TVGP-P Series has extensive VCA intelligence and 4 Video streams, streams can be set to priority as desired! (e.g. on Frame rate or image quality) this can be very useful if e.g. the bandwidth of the network falls short. New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.

TVGP-P01-0403-DOM-G		TVGP-P01-0802-DOM-G	
TVGP-P01-0803-DOM-G		TVGP-P01-0401-BUL-G	
TVGP-P01-0401-DOM-G		TVGP-P01-0402-BUL-G	
TVGP-P01-0402-DOM-G		TVGP-P01-0801-BUL-G	
TVGP-P01-0801-DOM-G		TVGP-P01-0802-BUL-G	

TruVision IP Thermal & Bispectral Cameras


Article	Camera								Objective							Connections						
	Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Temperature analysis	Focal length Optical camera (in mm)	Field of View Hor. (optical)	256x192 Resolution Thermal	Lens thermal camera (in mm)	Minimum focus distance (m)	IR Range	IP66 (water and dust)	IK10 (Impact resistance)	Visual alarm flash lamp	Play audio message	PoE 802.3af or 12Vdc	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
TVTH-S01-0001-BUL-G	4	•	•	•	•	•	•	4,3	50°	•	3,6	0,5	40	•	•	•	•	•	•	•	•	•
TVTH-S01-0002-BUL-G	4	•	•	•	•	•	•	6,4	25°	•	7	1,3	40	•	•	•	•	•	•	•	•	•
TVTH-S01-0003-BUL-G	4	•	•	•	•	•	•	8	18°	•	10	3,5	40	•	•	•	•	•	•	•	•	•
TVTH-S01-0001-TUR-G	4	•	•	•	•	•	•	2,2	90°	•	2	0,1	15	•	•	•	•	•	•	•	•	•
TVTH-S01-0002-TUR-G	4	•	•	•	•	•	•	4,3	50°	•	3,6	0,5	15	•	•	•	•	•	•	•	•	•
TVTH-S01-0003-TUR-G	4	•	•	•	•	•	•	6,4	25°	•	7	1,3	15	•	•	•	•	•	•	•	•	•



Accessories Bullet cameras	
Article	Description
Back box (included with camera)	
TVD-M-PMA-SS	Pole mount adapter
TVD-M-CMA	Corner mount adapter
Accessories Turret cameras	
TVD-BB3	Dome back box
TVD-M2-WM	Wall mount

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.

TruVision IP Thermal camera


	Article	Camera						Objective			Connections						
		Uncooled sensor	384x288 resolution	640x512 resolution	H.264 / H.265	Video intelligence	Person Vehicle Classification	Temperature analysis	Focal length (mm)	Field of View 17° x 13°	Minimum focus distance (m)	POE+ (at)	Power supply 24Vac / 12Vdc	Audio in/out	Alarm in/out	IP66	SD card slot
	TVTH-S01-0004-BUL-G	•	•	•	•	•	•	•	15	•	1	•	•	1/1	2/2	•	•

Tips: Cameras come standard with back box.




New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model (Camera mounts tool V1.3.4_0).

For mast mounting use mast adapter TVD-M-PMA (€ 35,02), for corner mounting use corner adapter TVD-M-CMA (€ 20,00).



TruVision IP 360° Cameras Series

	Article	Mounting			Camera				Immer Vision Objective		Features								
		Indoor	Indoor / Outdoor	Gray housing	True Day/Night	DWDR, CMOS 1/1.8"	Megapixel	H.264, H.265 Main stream	Focus length (mm)	Smart IR range (mtrs.)	PoE+ / 12VDC 1A max.15W	Digital PTZ	2-Way Audio + 3.5mm connectors	Alarm In & Out max 24V DC 1A	Extensive Video analytics*	Smart retail analytics*	SD/SDHC slot	IK10 impact rating	iP67 Rating
	TVPA-S01-0601-360-G	•		•	•	•	6	•	1,29	15	•	•	•	•	•	•	•	•	•
	TVPA-S01-1201-360-G	•		•	•	•	12	•	1,29	15	•	•	•	•	•	•	•	•	•
	TVPA-S01-0602-360-G		•	•	•	•	6	•	1,29	15	•	•	•	•	•	•	•	•	•
	TVPA-S01-1202-360-G		•	•	•	•	12	•	1,29	15	•	•	•	•	•	•	•	•	•

TVF Series Cameras Mounting Accessories

	Article	Description
	TVF-BBM	Round back box
	TVF-WBM	Round / angled back box
	TVF-CBM	Base adapter (Cup Base) for TVD-PPB (pendant) or TVD-SNB (swan neck)
	TVD-PPB	Pendant (tube length 53cm / mounting plate diameter 15cm)
	TVD-SNB	Swan neck

TruVision People counting cameras

	Article	Sensor Size	Camera							Objective		Connections										
			Indoor	Outdoor	Day/night Elec./Mechn.	Digital WDR	H.264 & H.265 Stream	SLL, Super Low Light	Megapixel	1080p image	Focal length (mm)	Auto iris	Smart IR range (mtrs.)	POE(off) or 12Vdc	POE(at) or 12Vdc	Fixed Wiring Harness	BNC Video output	Alarm and Audio (In/Out)	Video Intelligence internal	IP6x (dust and water)	Build in eMMC memory	
	TVS-PC1	1/2,7"		•	•	•	•	•	2	•	2	•	6	•	•	•	•	•	•	•	7	•
	TVS-PC2	1/2,7"	•		•	•	•	•	2	•	2	•	6	•	•	•	•	•	•	•		•

People Counting cameras are cameras with two lenses that count people with high accuracy. The cameras use binocular stereo vision in combination with 3D person recognition and deep learning algorithms. The count data is stored in internal memory and can be reported to TruVision Navigator in real time (9.0 SP2 or higher). TruVision Navigator can calculate the occupancy rate of multiple cameras on site and the result real-time display in a video tile but also on a map or web page (via LAN) or to an SDK. The camera web page includes several reporting options via direct export or email.

Tip: If necessary, use the TVC-C200 ceiling mounting bracket (adjustable from 120-200cm length) € 95,01

TruVision IP Licence Plate Cameras

Article	Camera									Objective				Connections							
	Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Wiegand Interface	Database 10.000 License Plates	Motorised Zoom Lens	Auto-iris P-iris Lens	Focal length Optical camera (in mm)	Field of View Horizontal	Field of View Vertical	IR Range	IP67 (water and dust)	IK10 (Impact resistance)	PoE 802.3af or 12Vdc	2-Way Audio + 3.5mm con.	Alarm In / Out	SD card slot
TVLP-S01-0401-BUL-G	4	•	•	•	•	•	•	•	2.8-12 mm	•	4,3	114.5° to 41.8°	59.3° to 23.6°	50	•	•	•	•	•	•	•
TVLP-S01-0402-BUL-G	4	•	•	•	•	•	•	•	8-32 mm	•	6,4	42.5° to 15.1°	23.3° to 8.64°	100	•	•	•	•	•	•	•

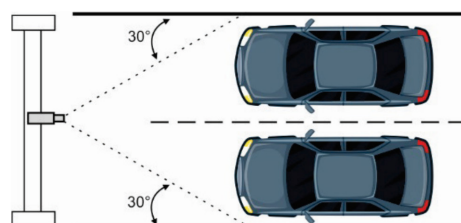


TVLP-S01-0401-BUL-G

TVLP-S01-0402-BUL-G

Accessories Bullet cameras	
Article	Description
Back box (included with camera)	
TVB-PM	Pole mount adapter
TVB-CM	Corner mount adapter

New! For the right mounting accessories, visit our website nl.firesecurityproducts.com and Download the "Selection Guide" which is listed under Downloads for each camera model.



TruVision IP PTZ M & P Series Speeddome Cameras

Article	Camera / Intelligence								Objective / PTZ Options								Connections								
	Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Face Capture	Intelligent Tracking	Motorized Zoom Lens (in mm)	Optical Zoom	IR / Smart IR Range M	300 Preset Positions	8 Preset Tours	Endless Pan	Auto flip	IP66 (water and dust)	12 VDC adapter included	24VAC	PoE 802.3af (PoE)	PoE 802.3at (PoE+)	PoE 802.3bt (Hi-PoE)	Audio in & out	Alarm In & Out	SD/SDHC slot
TVGP-M01-0201-PTZ-G	2	•	•	•	•	•	•	•		2,8-28	10	50	•	•			•	•	•			•	•	•	•
TVGP-M01-0402-PTZ-G	2	•	•	•	•	•	•	•		4,8-120	25	100	•	•	•	•	•	•		•			•	•	•
TVGP-M01-0401-PTZ-G	4	•	•	•	•	•	•	•		4,8-120	25	150	•	•	•	•	•		•				•	•	•
TVGP-M01-0403-PTZ-G	4	•	•	•	•	•	•	•		5,9-189	32	200	•	•	•	•	•		•				•	•	•

Tips:

The TVGP-M01-0201-PTZ-G comes with a 12 volt power supply.

The TVGP-M01-0401-PTZ-G, TVGP-M01-0402-PTZ-G and the TVGP-M01-0403-PTZ-G are supplied with Wall Mount.









A built-in bracket is available for the TVGP-M01-0402-PTZ-G, this is the TVP-FM-01.

24 Volt AC Power Supply 4 Amp, IP66 for Speeddome's this is the ATD-6814-PSU.





Article	Camera / Intelligence								Objective / PTZ Options															
	Megapixel	True WDR 120dB	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Video intelligence	Person Vehicle Classification	Face Capture	Face Recognition	Intelligent Tracking	Motorized Zoom Lens (in mm)	Optical Zoom	IR / Smart IR Range M	300 Preset Positions	8 Preset Tours	Endless Pan	Auto flip	IP66 (water and dust)	24VAC	PoE 802.3bt (Hi-PoE)	Audio in & out	Alarm In & Out	SD/SDHC slot	
TVGP-P01-0201-PTZ-G	2	•	•	•	•	•	•	•	•		5,9-148	25		•	•	•	•	•	•	•	•	•	•	•
TVGP-P01-0401-PTZ-G	4	•	•	•	•	•	•	•	•		4,8-120	42	400	•	•	•	•	•	•	•	•	•	•	•

TruVision IP PTZ M & P Series Speeddome Cameras

Compatible accessories for Speeddomes		
	Article	Description
	TVP-PMB-01	TruVision IP PTZ Pole Mount with Connection Box for P/M Series IP PTZ cameras
	TVP-CMB-01	TruVision IP PTZ Corner Mount with Connection Box for P/M Series IP PTZ cameras
	TVMI-WM	TruVision Multi-imager and P/M Series IP PTZ camera Wall Mount
	TVMI-PM	TruVision Pendant mount bracket, 57 mm / 2.24"
	TVMI-PM2	TruVision Pendant mount bracket, 200 mm / 7.87"
	TVMI-PM3	TruVision pendant mount bracket, 500 mm / 19.7"
	TVP-WM-CM	TruVision Corner mount: use in combination with TVMI-WM
	TVP-WM-PM	TruVision Pole mount: use in combination with TVMI-WM

TruVision PTZ Speeddome keypads

	Article	Description
	TVK-600	TruVision iP keypad with small display, joystick with 4 functions / axes. Communicates via iP or RS485. Controls TruVision recorders, decoders and iP/analog domes. (maximum 1000 devices)
	TVK-400-USB	USB keypad for TruVision Navigator 7.0 or higher. 3 axis joystick. Power supply via USB. (Only suitable for TruVision Navigator)

TruVision TVN-12 Video Kits TruVision

Plug-And-Play Surveillance Bundle



Article	Description
TruVision 4-channel TVN-12 Video Kits with 2 Cameras	
TVN1204-1T-K01-2B-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-BUL-G Bullet cameras
TVN1204-1T-K01-2T-B	Contains Compact 4-Channel TVN12 with 1TB and 2 Black TVGP-M01-0401-TUR-B Turret cameras
TVN1204-1T-K01-2T-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-TUR-G Turret cameras
TVN1204-1T-K01-2T-W	Contains Compact 4-Channel TVN12 with 1TB and 2 White TVGP-M01-0401-TUR-W Turret cameras
TVN1204-1T-K01-2W-B	Contains Compact 4-Channel TVN12 with 1TB and 2 Black TVGP-M01-0401-WED-B Wedge cameras
TVN1204-1T-K01-2W-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-WED-G Wedge cameras
TVN1204-1T-K01-2W-W	Contains Compact 4-Channel TVN12 with 1TB and 2 White TVGP-M01-0401-WED-W Wedge cameras
TVN1204-1T-K02-2B-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-BUL-G Bullet cameras
TVN1204-1T-K02-2T-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-TUR-G Turret cameras
TVN1204-1T-K02-2W-G	Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-WED-G Wedge cameras

TruVision 4-Channel TVN-12 Video Kits with PoE and 2 Cameras	
TVN1204CS-1T-K01-2B-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-BUL-G Bullet cameras
TVN1204CS-1T-K01-2T-B	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Black TVGP-M01-0401-TUR-B Turret cameras
TVN1204CS-1T-K01-2T-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-TUR-G Turret cameras
TVN1204CS-1T-K01-2T-W	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 White TVGP-M01-0401-TUR-W Turret cameras
TVN1204CS-1T-K01-2W-B	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Black TVGP-M01-0401-WED-B Wedge cameras
TVN1204CS-1T-K01-2W-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-WED-G Wedge cameras
TVN1204CS-1T-K01-2W-W	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 White TVGP-M01-0401-WED-W Wedge cameras
TVN1204CS-1T-K02-2B-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVFC-M01-0401-BUL-G Bullet cameras
TVN1204CS-1T-K02-2T-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVFC-M01-0401-TUR-G Turret cameras
TVN1204CS-1T-K02-2W-G	Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVFC-M01-0401-WED-G Wedge cameras

TruVision TVN-12 Video Kits TruVision

Plug-And-Play Surveillance Bundle



Article	Description
TruVision 8-channel TVN-12 Video Kits with 4 Cameras	
TVN1208-2T-K01-4B-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-BUL-G Bullet cameras
TVN1208-2T-K01-4T-B	Contains 8-Channel TVN12 with 2TB and 4 Black TVGP-M01-0401-TUR-B Turret cameras
TVN1208-2T-K01-4T-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-TUR-G Turret cameras
TVN1208-2T-K01-4T-W	Contains 8-Channel TVN12 with 2TB and 4 White TVGP-M01-0401-TUR-W Turret cameras
TVN1208-2T-K01-4W-B	Contains 8-Channel TVN12 with 2TB and 4 Black TVGP-M01-0401-WED-B Wedge cameras
TVN1208-2T-K01-4W-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-WED-G Wedge cameras
TVN1208-2T-K01-4W-W	Contains 8-Channel TVN12 with 2TB and 4 White TVGP-M01-0401-WED-W Wedge cameras
TVN1208-2T-K02-4B-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-BUL-G Bullet cameras
TVN1208-2T-K02-4T-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-TUR-G Turret cameras
TVN1208-2T-K02-4W-G	Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-WED-G Wedge cameras

TruVision 8-kanaals TVN-12 Video Kits met PoE en 4 camera's	
TVN1208S-2T-K01-4B-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-BUL-G Bullet cameras
TVN1208S-2T-K01-4T-B	Contains 8-Channel TVN12 PoE with 2TB and 4 Black TVGP-M01-0401-TUR-B Turret cameras
TVN1208S-2T-K01-4T-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-TUR-G Turret cameras
TVN1208S-2T-K01-4T-W	Contains 8-Channel TVN12 PoE with 2TB and 4 White TVGP-M01-0401-TUR-W Turret cameras
TVN1208S-2T-K01-4W-B	Contains 8-Channel TVN12 PoE with 2TB and 4 Black TVGP-M01-0401-WED-B Wedge cameras
TVN1208S-2T-K01-4W-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-WED-G Wedge cameras
TVN1208S-2T-K01-4W-W	Contains 8-Channel TVN12 PoE with 2TB and 4 White TVGP-M01-0401-WED-W Wedge cameras
TVN1208S-2T-K02-4B-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVFC-M01-0401-BUL-G Bullet cameras
TVN1208S-2T-K02-4T-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVFC-M01-0401-TUR-G Turret cameras
TVN1208S-2T-K02-4W-G	Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVFC-M01-0401-WED-G Wedge cameras

TruVision TVN12 IP Network Recorders



Selection						
# Video inputs	Compact model	Hard disk capacity (Tbytes)	PoE switch (channels)	POE/POE+ budget (Watt)	VGA en HDMI uitgang	Article
4	Yes	1			Yes	TVN-1204c-1T
	Yes	2			Yes	TVN-1204c-2T
	Yes	1	4	50	Yes	TVN-1204cS-1T
	Yes	2	4	50	Yes	TVN-1204cS-2T
8	No	2			Yes	TVN-1208-2T
	No	4			Yes	TVN-1208-4T
	No	2	8	80	Yes	TVN-1208S-2T
	No	4	8	80	Yes	TVN-1208S-4T
16	No	2			Yes	TVN-1216-2T
	No	4			Yes	TVN-1216-4T
	No	6			Yes	TVN-1216-6T
	No	2	16	150	Yes	TVN-1216S-2T
	No	4	16	150	Yes	TVN-1216S-4T
	No	6	16	150	Yes	TVN-1216S-6T
Separate spare power supplies						
Spare power supply TVN-1204c and TVR-1704c recorders 12VDC/1.35A						TVN-PSU-1-EU
Spare power supply TVN-1208, TVN-1216 and TVR-1708 recorder 12VDC/3.33A						TVN-PSU-2
Spare power supply TVN-1204cS recorder 48VDC/1.35A						TVN-PSU-POE-1
Spare power supply TVN-1208S recorder 48VDC/2.5A						TVN-PSU-POE-2

P.S TVN-1216S (with PoE) has a built-in power supply!

TVN-12 Recorder with UltraSync cloud integration, so no more port forwarding required! Register via QR code in the UltraSync Portal and easily add users. Then use the Advisor Advanced Pro App to connect to the recorder via UltraSync, the same app that is also used for the ATS Advanced panels! (TVR Mobile app is also supported) Various models available, 4, 8 & 16 channel recorders with or without PoE.

Tip: See page 21 for more specific features.

TruVision TVN-22xxS IP Recorders



Selection						
# Video inputs	Internal Hard disk capacity (TBytes)	Low model for 4 HDDs	Internal POE switch (channels)	POE/POE+ Budget (Watts) Full flex	VGA/HDMI and CVBS output	Article
8	2	Yes	8	200	Yes	TVN-2208S-2T
	4	Yes	8	200	Yes	TVN-2208S-4T
	8	Yes	8	200	Yes	TVN-2208S-8T
	12	Yes	8	200	Yes	TVN-2208S-12T
	16	Yes	8	200	Yes	TVN-2208S-16T
	18	Yes	8	200	Yes	TVN-2208S-18T
	24	Yes	8	200	Yes	TVN-2208S-24T
16	2	Yes	16	200	Yes	TVN-2216S-2T
	4	Yes	16	200	Yes	TVN-2216S-4T
	8	Yes	16	200	Yes	TVN-2216S-8T
	12	Yes	16	200	Yes	TVN-2216S-12T
	16	Yes	16	200	Yes	TVN-2216S-16T
	18	Yes	16	200	Yes	TVN-2216S-18T
	24	Yes	16	200	Yes	TVN-2216S-24T

HDD extension set, 2TB	TVN-HDD-2TB
HDD extension set, 4TB	TVN-HDD-4TB-2
HDD extension set, 6TB	TVN-HDD-6TB-3
HDD extension set, 8TB	TVN-HDD-8TB-2

Separate spare power supply for TVR11/12/15HD (4/8ch) & TVN10/11 (Non-PoE)	TVN-PSU-1-EU
--	---------------------

Tip! Download our (Free) powerful TruVision VMS software "TruVision Navigator" on our website www.firesecurityproducts.com

More info: On page 20 more features. TruVision Mobile app available for: IOS and Android. Op pagina 20 meer kenmerken TruVision Mobile app beschikbaar voor: IOS en Android

TruVision TVN-22xx IP Recorders



Selection						
# Video inputs	Internal Hard disk capacity (TBytes)	Low model for 4 HDDs	Audio recording	Alarm inputs and Outputs	VGA/HDMI and CVBS output	Article
8	2	Yes	Yes	Yes	Yes	TVN-2208-2T
	4	Yes	Yes	Yes	Yes	TVN-2208-4T
	8	Yes	Yes	Yes	Yes	TVN-2208-8T
	12	Yes	Yes	Yes	Yes	TVN-2208-12T
	16	Yes	Yes	Yes	Yes	TVN-2208-16T
	18	Yes	Yes	Yes	Yes	TVN-2208-18T
	24	Yes	Yes	Yes	Yes	TVN-2208-24T
16	2	Yes	Yes	Yes	Yes	TVN-2216-2T
	4	Yes	Yes	Yes	Yes	TVN-2216-4T
	8	Yes	Yes	Yes	Yes	TVN-2216-8T
	12	Yes	Yes	Yes	Yes	TVN-2216-12T
	16	Yes	Yes	Yes	Yes	TVN-2216-16T
	18	Yes	Yes	Yes	Yes	TVN-2216-18T
	24	Yes	Yes	Yes	Yes	TVN-2216-24T
32	2	Yes	Yes	Yes	Yes	TVN-2232-2T
	4	Yes	Yes	Yes	Yes	TVN-2232-4T
	8	Yes	Yes	Yes	Yes	TVN-2232-8T
	12	Yes	Yes	Yes	Yes	TVN-2232-12T
	16	Yes	Yes	Yes	Yes	TVN-2232-16T
	18	Yes	Yes	Yes	Yes	TVN-2232-18T
	24	Yes	Yes	Yes	Yes	TVN-2232-24T

HDD extension set, 2TB	TVN-HDD-2TB
HDD extension set, 4TB	TVN-HDD-4TB-2
HDD extension set, 6TB	TVN-HDD-6TB-3
HDD extension set, 8TB	TVN-HDD-8TB-2

Separate spare power supply for TVR11/12/15HD (4/8ch) & TVN10/11 (Non-PoE)	TVN-PSU-1-EU
--	---------------------

TruVision TVN-22xxP IP Recorders



Selection						
# Video inputs	Hard disk capacity (TBytes)	RAID Redundant recording	2HE high model for 8 HDDs	Audio recording	VGA/HDMI 2x and CVBS output	Article
16	2	Yes	Yes	Yes	Yes	TVN-2216P-2T
	4	Yes	Yes	Yes	Yes	TVN-2216P-4T
	8	Yes	Yes	Yes	Yes	TVN-2216P-8T
	12	Yes	Yes	Yes	Yes	TVN-2216P-12T
	16	Yes	Yes	Yes	Yes	TVN-2216P-16T
	18	Yes	Yes	Yes	Yes	TVN-2216P-18T
	24	Yes	Yes	Yes	Yes	TVN-2216P-24T
	32	Yes	Yes	Yes	Yes	TVN-2216P-32T
	36	Yes	Yes	Yes	Yes	TVN-2216P-36T
	42	Yes	Yes	Yes	Yes	TVN-2216P-42T
32	48	Yes	Yes	Yes	Yes	TVN-2216P-48T
	2	Yes	Yes	Yes	Yes	TVN-2232P-2T
	4	Yes	Yes	Yes	Yes	TVN-2232P-4T
	8	Yes	Yes	Yes	Yes	TVN-2232P-8T
	12	Yes	Yes	Yes	Yes	TVN-2232P-12T
	16	Yes	Yes	Yes	Yes	TVN-2232P-16T
	18	Yes	Yes	Yes	Yes	TVN-2232P-18T
	24	Yes	Yes	Yes	Yes	TVN-2232P-24T
	32	Yes	Yes	Yes	Yes	TVN-2232P-32T
	36	Yes	Yes	Yes	Yes	TVN-2232P-36T
	42	Yes	Yes	Yes	Yes	TVN-2232P-42T
	48	Yes	Yes	Yes	Yes	TVN-2232P-48T
64	Yes	Yes	Yes	Yes	TVN-2232P-64T	

TruVision TVN-22xxP IP Recorders



Selection						
# Video inputs	Low model for 4 HDDs Internal Hard disk capacity (TBytes)	Internal POE switch (channels) RAID Redundant recording	POE/POE+ Budget (Watts) Full flex 2HE high model for 8 HDDs	VGA/HDMI and CVBS output Audio recording	VGA/HDMI 2x and CVBS output	Article
64	4	Yes	Yes	Yes	Yes	TVN-2264P-4T
	8	Yes	Yes	Yes	Yes	TVN-2264P-8T
	12	Yes	Yes	Yes	Yes	TVN-2264P-12T
	16	Yes	Yes	Yes	Yes	TVN-2264P-16T
	18	Yes	Yes	Yes	Yes	TVN-2264P-18T
	24	Yes	Yes	Yes	Yes	TVN-2264P-24T
	32	Yes	Yes	Yes	Yes	TVN-2264P-32T
	36	Yes	Yes	Yes	Yes	TVN-2264P-36T
	42	Yes	Yes	Yes	Yes	TVN-2264P-42T
	48	Yes	Yes	Yes	Yes	TVN-2264P-48T
64	Yes	Yes	Yes	Yes	TVN-2264P-64T	

HDD extension set, 2TB	TVN-HDD-2TB
HDD extension set, 4TB	TVN-HDD-4TB-2
HDD extension set, 6TB	TVN-HDD-6TB-3
HDD extension set, 8TB	TVN-HDD-8TB-2

Tip! Download our (Free) powerful TruVision VMS software "TruVision Navigator" on our website www.firesecurityproducts.com. Meer info: Op pagina 20 meer kenmerken. TruVision Mobile app beschikbaar voor: IOS en Android.

TruVision TVN-71 IP Network Recorders



Selection				
# Video inputs	Internal Hard disk capacity (Tbytes)	RAID 0/1/5/6/10 version	VGA/HDMI and CVBS outputs	Article
128	16 (4 x 4TB)	No	No	TVN-7101-16T
	32 (8 x 4TB)	No	No	TVN-7101-32T
	48 (12 x 4TB)	No	No	TVN-7101-48T
	64 (16 x 4TB)	No	No	TVN-7101-64T
	72 (12 x 6TB)	No	No	TVN-7101-72T
	96 (16 x 6TB)	No	No	TVN-7101-96T
	16 (4 x 4TB)	Yes	No	TVN-7101R-16T
	32 (8 x 4TB)	Yes	No	TVN-7101R-32T
	48 (12 x 4TB)	Yes	No	TVN-7101R-48T
	64 (16 x 4TB)	Yes	No	TVN-7101R-64T
	72 (12 x 6TB)	Yes	No	TVN-7101R-72T
	96 (16 x 6TB)	Yes	No	TVN-7101R-96T
	128 (16 x 8TB)	Yes	No	TVN-7101R-128T
HDD uitbreidingsset, 4TB, RAID versie				TVN-HDDR-4TB-2
HDD uitbreidingsset, 6TB, RAID versie				TVN-HDDR-6TB-2
HDD uitbreidingsset, 8TB, RAID versie				TVN-HDDR-8TB-1
HDD uitbreidingsset, 4TB				TVN-HDD-4TB-2
HDD uitbreidingsset, 6TB				TVN-HDD-6TB-2
HDD uitbreidingsset, 8TB*				TVN-HDD-8TB-2
Internal power supply for NVR-71 as a spare part				TVN-7101-PS
Fan for NVR-71 as a spare part				TVN-7101-Fan

Tips: See page 21 for more specific features.

*TVN-HDD-8TB-2 is only suitable for TVN22P and TVN70/71 versions

A model without RAID can only be used in RAID if all non-RAID hard disks are replaced by RAID hard disks.

Comparison table Network Video Recorders

Characteristics	TVN-12xx(S)	TVN-22xxS	TVN-22xx	TVN-22xxP	TVN-71xx
Maximum number of IP cameras	4/8/16	8/16	8/16/32	16/32/64	128
Maximum camera resolution	8Mpx/4K	8Mpx/4K	8Mpx/4K	8Mpx/4K	8Mpx/4K
Total (BB) bandwidth (Mbps).	40/80/160	80 / 160	80/160/256	256/320/320	576
Total (BB) bandwidth (Mbps) out	80	256	256	256	512
max. outgoing live video streams	128	128	128	128	256
Average BB per channel (Mbps)	10	10/10	10/10/8	16/10/5	4.5
Maximum BB per channel (Mbps)	16	16	16	16	16
BB administration/management	Flexible	Flexible	Flexible	Flexible	Flexible
Compression	H.264/265/265+	H.264/265	H.264/265	H.264/265	H.264/265
Dual streaming support	Yes	Yes	Yes	Yes	Yes
Main and substream recording	No/Yes/Yes	Yes	Yes	Yes	Yes
V stream capability	Yes	Yes	Yes	Yes	Yes
Transcoding mode via web browser	No	Yes	Yes	Yes	Yes
max. internal HDD capacity (TB)	8	24	24	64	96
HDD expandable from the front	No	Yes	Yes	Yes	Yes
HDD redundancy mirror/RAID	No/No	Yes/No	Yes/No	Yes/Yes	Yes/Yes
eSATA support, external	No	Yes	Yes	Yes	Yes
ezDDNS	Yes	Yes	Yes	Yes	Yes
OSD menu interface	Yes	Yes	Yes	Yes	No
Keys mouse control	Yes	Yes	Yes	Yes	No
Front PTZ control	No	Yes	Yes	Yes	No
Keypad support	Yes	Yes	Yes	Yes	No
User levels	Yes	Yes	Yes	Yes	Yes
Hidden camera function	Yes	Yes	Yes	Yes	Yes
AutoDiscovery Tool	Yes	Yes	Yes	Yes	Yes
Plug & Play IP configuration	Yes (S)	Yes	No	No	No
BNC monitor output	No	Yes	Yes	Yes	No
VGA monitor output	Yes	Yes	Yes	Yes, 2x	No
HDMI monitor output	Yes	Yes	Yes	Yes, 2x	No
Monitor output independence	No	Yes (3)	Yes (3)	Yes (3)	No
Spot monitor capability/function	No	Yes	Yes	Yes	No
Audio input(s)/output(s)	1/1	1/1	1/1	1/1	1/1
USB archiving/interface	Yes, 2x	Yes, 3x	Yes, 3x	Yes, 3x	Yes, 3x

Comparison table Network Video Recorders

Characteristics	TVN-12xx(S)	TVN-22xxS	TVN-22xx	TVN-22xxP	TVN-71xx
Alarm inputs	4	16	16	16	16
Relay output	1	4	4	4	8
Network interface	1x 1Gbps	1x 1Gbps	2x 1Gbps	2x 1Gbps	2x 1Gbps
Network redundancy	No	No	No	No	Yes
Power supply redundancy	No	No	No	No	Yes
Internal POE (af/at) switch (S version)	42586	8/16	No	No	No
PoE budget (Watt) S version, flexible	50/80/150	200/200	No	No	No
Supports:					
TVR Mobile APP/TV Navigator	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
ONVIF/RTSP client protocol	Yes	Yes Yes	Yes	Yes	Yes
OH/IP intrusion panel integration	Yes	No	Yes	Yes	Yes
UltraSync	Yes		No	No	No

TruVision Led monitors

Led Monitors






Selection									
Screen size diagonal	Aspect ratio	Max Resolution	CVBS BNC input	VGA HDMI input	PC Stereo In	RCA Audio In	Audio Out	Speakers Built-in	Article
24"	16:09	Full HD	Yes	Yes	Yes	Yes	No	No	TVM-2403
24"	16:09	Full HD	No	Yes	Yes	No	No	No	TVM-2413
27"	16:09	Full HD	No	Yes	Yes	No	No	2x2W	TVM-2713
27"	16:09	4K	No	HDMI	Yes	No	No	2x2W	TVM-2733
32"	16:09	Full HD	No	Yes	Yes	No	No	2 x 5W	TVM-3213
43"	16:09	Full HD	No	Yes	Yes	No	No	2 x 5W	TVM-4313

Description	Photo	Article
Ceiling mount 79-129 cm, for 10" - 27", VESA black		FPMA-C100
Wall bracket, fixed, for 10" - 30", VESA black		FPMA-W25
Wall mount, 3-axis, for 10" - 27", VESA silver		FPMA-W830
Wall mount, 3-axis, for 32" - 60", VESA black		LED-W560

Analog HD-TVI video solutions

TruVision Analog HD PTZ SpeedDome cameras


Article	Article	Mounting		Camera/Sensor				Objective			Features								
		Pendant	Surface/Flush	1/2.8" CMOS, TRUE WDR	Tinted (smoke) dome	960H, 700TV lines	1080P via HD TVI	True day/night	Optical motor zoom lens	Focus length (mm)	Smart IR range, 150mtrs	Endless pan	Auto flip	Motion detection	Privacy masking	EIS (electr. image stabilization)	Impact resistant	IK10	IP66
	TVP-6101*	•		•	•	•	•	•	32	4,8-153		•	•	•	•	•	•	•	•
	TVP-6102**		•	•	•	•	•	•	32	4,8-153		•	•	•	•	•	•	•	•
	TVP-6103*	•		•	•	•	•	•	32	4,8-153	•	•	•	•	•	•	•	•	•



Hints PTZ Keypads see page 15.

* TVP-6101 and TVP-6103 must be equipped with support TVP-WMB € 151,76.












For PTZ supports and mounting adapters and other accessories, we refer to the "selection guide".

Recommended 24Vac/4A power supply ATD-6814-PSU see above!

	Article	Description
	ATD-6814-PSU	24 Volt AC Power supply 4 Amp, IP66 for Speeddomes, among others

	Article	Description
	TVK-600	TruVision iP keypad with small display, joystick with 4 functions / axes. Communicates via iP or RS485. Controls TruVision recorders, decoders and iP/analog domes. (maximum 1000 devices)
	TVK-400-USB	USB keypad for TruVision Navigator 7.0 or higher. 3 axis joystick. Power supply via USB. (Only suitable for TruVision Navigator)

TruVision Analog HD/4K Cameras

		Camera/Sensor						Objective			Features					
Article		Megapixel	True WDR	True Day/Night	Motorized IR cut filter	SLL, Super Low Light	Motion detection	Lens (in mm)	Varifocal Motorized lens	Smart IR range (mtrs.)	Power supply 12Vdc	Power supply 24Vac	BNC Video output, continuous	Menu setting via DVR	IP6x	IK xx impact resistance
	TVT-6101	5	130dB	•	•	•	•	2,8	•	30	•	•	•	•	7	10
	TVT-6102	5	130dB	•	•	•	•	2,7-13,5	•	60	•	•	•	•	7	10
	TVD-6101	1	130dB	•	•	•	•	2,7-13,5	•	60	•	•	•	•	7	10
	TVD-6102	2	130dB	•	•	•	•	2,8	•	30	•	•	•	•	7	10
	TVD-6103	1	130dB	•	•	•	•	2,7-13,5	•	60	•	•	•	•	7	10
	TVD-6104	5	130dB	•	•	•	•	2,7-13,5	•	60	•	•	•	•	7	10
	TVD-6105	8/4K	130dB	•	•	•	•	2,7-13,5	•	60	•	•	•	•	7	10
	TVB-6101	1	130dB	•	•	•	•	2,7-13,5	•	80	•	•	•	•	7	
	TVB-6102	2	130dB	•	•	•	•	3,6	•	30	•	•	•	•	7	
	TVB-6103	2	130dB	•	•	•	•	2,7-13,5	•	80	•	•	•	•	7	
	TVB-6104	5	130dB	•	•	•	•	3,6	•	30	•	•	•	•	7	
	TVB-6105	5	130dB	•	•	•	•	2,7-13,5	•	80	•	•	•	•	7	
	TVB-6106	8/4K	130dB	•	•	•	•	2,7-13,5	•	80	•	•	•	•	7	

Tips:

TVB types for mast or pole mounting, use mast adapter TVD-M-PMA-SS 48,42

TVB types for corner mounting, use corner adapter TVD-M-CMA 23.35

TVB-6101 / 3 / 5 & 6 are supplied with rear box as standard

TVB-6102 / 4 & 7 use rear box TVB-BB1 15.18 in combination with adapter plate TVB-2G-AD 17.51

TruVision TVR-17 4K Hybrid HD Recorders



Article	Selection					
	Video inputs	Compact model	Max 5 Mpx Recording for HD-TVI Cameras	8 Mpx 4K Recording for HD-TVI Cameras	8 Mpx 4K Recording for IP Cameras all channels	Hard disk capacity (Tbytes)
TVR-1704c-1T	4	Yes	•		•	1
TVR-1704c-2T		Yes	•		•	2
TVR-1708-2T	8	No		•	•	2
TVR-1708-4T		No		•	•	4
TVR-1716-2T	16	No		•	•	2
TVR-1716-4T		No		•	•	4
TVR-1716-6T		No		•	•	6
TVR-1716-8T		No		•	•	8
TVR-1716-12T		No		•	•	12
TVR-1716-16T		No		•	•	16
TVN-PSU-1-EU	Spare power supply TVN-1204c and TVR-1704c recorders 12VDC/1.35A					
TVN-PSU-2	Spare power supply TVN-1208, TVN-1216 and TVR-1708 recorder 12VDC/3.33A					
TVN-PSU-3	Spare power supply TVR-1716					

The TVR 17 series offers a hybrid solution in a compact design, the recorders are powerful, feature rich, very flexible and easy to use. The integration with the UltraSync cloud allows the TVR17 recorder to be accessed remotely via the TVRMobile app, offering access to all UltraSync features and upcoming add-ons. The TVR 17 series also offers plug-in-free browser support.

Using the open HD-TVI technology, the TVR-1708 & TVR-1716 models can connect via coaxial cable to any HD-TVI camera up to 8 Mpx 4K. (TVR-1704 max 5 Mpx !) In addition to HD-TVI, TVR-16 also connects standard analog cameras and you can reuse existing analog cameras that do not yet need to be replaced. Finally, the entire TVR 17 series is capable of connecting IP cameras up to 4K / 8 Mpx on all its channels, making this a true 4K HD Hybrid series. The TVR 17 can use H.264, H.265 or H.265+ encoding for analog, HD-TVI and IP cameras. HD-CVI and HD-AHD cameras are supported in H.264 encoding.

Tip! Download our powerful TruVision VMS software "TruVision Navigator v9.1" on our website www.firesecurityproducts.com (Free). More info: On page 20 more features. TruVision Mobile app available for: IOS and Android.







Specifications table TVR-17 4K Hybrid Recorders

Specifications	TVR-17
Maximum number of entries	4/8/16
Max. Analog/HD-TVI cameras	4/8/16
Max. IP cameras	4/8/16
Max. recording 1080P per channel	25 fps
Max. Mpx HD-TVI support	5Mpx/8Mpx/8Mpx
Max. Mpx IP support	8Mpx
Compression	H.264/H.265/H265+
Max. bandwidth (Mbps) combined in/out	96/128/128
Max. outgoing video streams	128
Dual streaming support live	•
Main and substream recording	•
V-stream capability	•
Max. internal HDD capacity (TB)	2/4/6
HDD expandability via front	
HDD redundancy mirror / RAID	•
Alarm input output(s)	4-1/8-4/16-4
Audio in-output(s)	4-1
Over-coax control	•
OSD menu interface	•
Key and mouse controls	•
Keypad support	•
Web browser interface	•
User levels	•
CVBS monitor output, BNC	•
Monitor VGA/HDMI output	•
Monitor output independent	Partly
Spot monitor capability/function	•
VCA for analog / IP cameras	Max 2 / All
USB archiving / interface	• / 2
DVD burner built-in	
ATM/POS text insert interface	
Upgrade via USB	•

Specifications table TVR-17 4K Hybrid Recorders

Specifications	TVR-17
Network interface	100Mbps 1xGbps 1x Gbps
eZDDNS	•
Support:	
OH / IP intrusion panel integration	•
TruVision Navigator	•
ATS8600	•
TVR mobile app IOS / Android	•
SDK available	• after DNA
IP camera ONVIF profile S	•
Dimensions (WxDxH) in mm.	385x315x52
4 ch. compact model	315x240x48

IP network transmission communication, media converters

		Mounting			Ethernet			Performance		SFP Type				
Article	DIN rail mounting	Wall mounting	MCR collection rack suitable	Fast, 100Mb	Gigabit, 1000Mb	Number of SFP	Standard 0 - +50 degrees	Industrial, -40 - +75 degrees	S20 series	S25 series	S30 series	S35 series	POE+ (at) outputs	Power supply type, pg. 32
Ethernet over fiber with SFP slot														
	MC250-1T/1S	•	•	•		1		•	•	•				6
	MC250-4T/2S	•	•	•		2		•	•	•				3
	MC252-4P/1S	•	•	•		1		•	•	•			4	6
	MC352-1P/1S	•	•	•	•	1		•	•	•	•	•	1	6
	MC352-4P-2S-V2	•	•	•	•	2		•	•	•	•	•	4	7
	MCR300-1T-1S-V2		•	•	•	1	•				•	•		1

Tips:

Media converters are supplied without power supply. See reference power supplies (1) to (8), see page. 35.

MCR type are suitable for 19" collection rack with power supply, see page. 34.

S20 > S35 type SFPs, see p. 35.


IP network transmission communication, accessories

	Article	
	S20-2MLC-2	100Mb, MM/LC, 2 km
	S25-2MLC-2	100Mb, MM/LC, 2 km. High temp. range.
	S30-2MLC	1000Mb, MM/LC, 550 meters (50/125 OM2)
	S35-2MLC	1000Mb, MM/LC, 550 meters (50/125 OM2). High temp. range
	S30-2MLC-2	1000Mb, MM/LC, 2 km
	S40-2MLC	10G, MM/LC, 300 meters (OM3)
	S20-2SLC-20	100Mb, SM/LC, 20km
	S25-2SLC-20	100Mb, SM/LC, 20 km, High temp. range
	S30-2SLC-10	1000Mb, SM/LC, 10 km
	S35-2SLC-10	1000Mb, SM/LC, 10 km. High temp. range
	S40-2SLC-10	10G, SM/LC, 10km
	S30-RJ	1000Mb, with RJ connection
	MCR-R15	MCR collection rack for MCR modules with internal power supply, 15 slots
	MCR-RPS	MCR redundant power supply
Power supplies		
	PS5VDC2A-EU	5Vdc, 2A (1)
	PS48VDC.38A-EU	48Vdc/0.38A/18Watt (3)
	PS54VDC72W-EU	54Vdc/1.3A (4)
Special 48Vdc power supply for more power		
	PS48VDC100W-DIN	48Vdc 48Vdc/100W. DIN rail version (6)
	PS48VDC240W-DIN	48Vdc 48Vdc/240W. DIN rail version (7)
	PS48VDC480W-DIN	48Vdc 48Vdc/480W. DIN rail version (8)

TruVision IP Encoders and Decoder




	Article	Performance											
	Encoders	Number of Analog inputs	960H or Max 5MPX with HD-TVI input	H.264 / H.265 stream	Dual streaming function	Audio input	Audio output	Alarm input	Alarm output	RS485 interface	SD card slot, lock. memory	POE	OnVIF / Profile SIA / CGI
	TVE-120	1	•	•	•	1	1	1	1	•	•	•	•
	TVE-420	4	•	•	•	4	1	4	2	•	•	•	•
	TVE-820	8	•	•	•	8	1	8	4	•			•
	TVE-1620	16	•	•	•	16	1	16	4	•			•
	TVE-RMB	19" Rack mounting bracket for TVE-120 & 420											





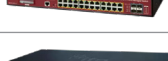

Note: TVE-820 & TVE-1620 are supplied with 19" Rack mounting brackets

	Article	Decoder
	TVE-DEC12	IP decoder to BNC / VGA / HDMI output, Full HD. Display mode 1/2/4/9/16 Sequence up to 64 cameras. Bi-audio and RS485/232 interface. Supported by TruVision Navigator






Switches-Encoder Decoder-Converters

IP network transmission communication equipment, switches

								Article
Economic	Web Smart	PoE	8+2c port, Fast	8x PoE/4x PoE+ 125W		ES2402-8P-2C-V3		
			16+2c port, Fast	16x PoE/7x PoE+ 220W		ES2402-16P-2C-V3		
			24+2c port, Fast	24x PoE/12x PoE+ 380W		ES2402-24P-2C-V3		







								Article
Desk basis / Backbone	Managed	PoE	8+2 port, Giga	8x POE/6x PoE+ 200W		NS3502-8P-2T-2S-V3		
			16+4 port, Giga	16x POE/12x PoE+ /6x POE-ultra 400W		NS3503-16P-4C-V2		
			24 port, Giga			NS3500-24T-4C-V2		
		PoE	24+4 port, Giga	24x PoE/12x PoE+ 380W		NS3702-24P-4S-V3		
			24+4 port, 10G, LCD	24x PoE/13x PoE+ 400W		NS4702-24P-4X-V2		
			24+4+4 port, 10G, OPTICAL FIBER			NS4750-24S-4T-4X-V2		

The V2 version switches above can be found on the network with TruVision Navigator 8 and higher and can be added to the device structure within TruVision Navigator. With these switches, TruVision Navigator can display port statistics, add names to cameras and switches, reset a PoE port (camera) and also restart the entire switch. See example!

								Article
Industrial switches with DIN rail or flat wall mounting	Unmanaged	PoE	8+2 port, Fast	8x PoE+	(7)		NS2052-8P-2C	
			8 port, Giga		(2/3)		NS3050-8T	
	Managed	PoE	8+2 port, Giga		(5)		NS3550-8T-2S-V2	
			8+2 port, Giga	8x PoE+	(7/8)		NS3552-8P-2S-V2	
				8x PoE+	(7/8)		NS3562-8P-2S-V2*	






Tips: Media converters and industrial switches are supplied without power supply. See reference power supplies ** (1) to (8) page. 35. S20 > S35 type SFPs, see p. 34. *Type NS3562-xx is suitable for flat wall mounting.

IP network transmission communication equipment, media converters

Photo						Article	
Ethernet over fiber optic with fixed SC connection						Power	
Multi mode	1:1	100 MB, 2km	PoE	(3)		MC100FX-TX-POE	
Single mode	1:1	100 Mb, 15km	PoE	(3)		MC201-1P/1FS	
PoE injector / extender							
PoE injector			PoE-at, 25W	(4)		POE302-MS	
			PoE-ultra, 60W	(4)		POE304-MS	
Extender		max. 300m	Giga			POE302-EX	
Network security							
Network cable surge protection							ESP-300

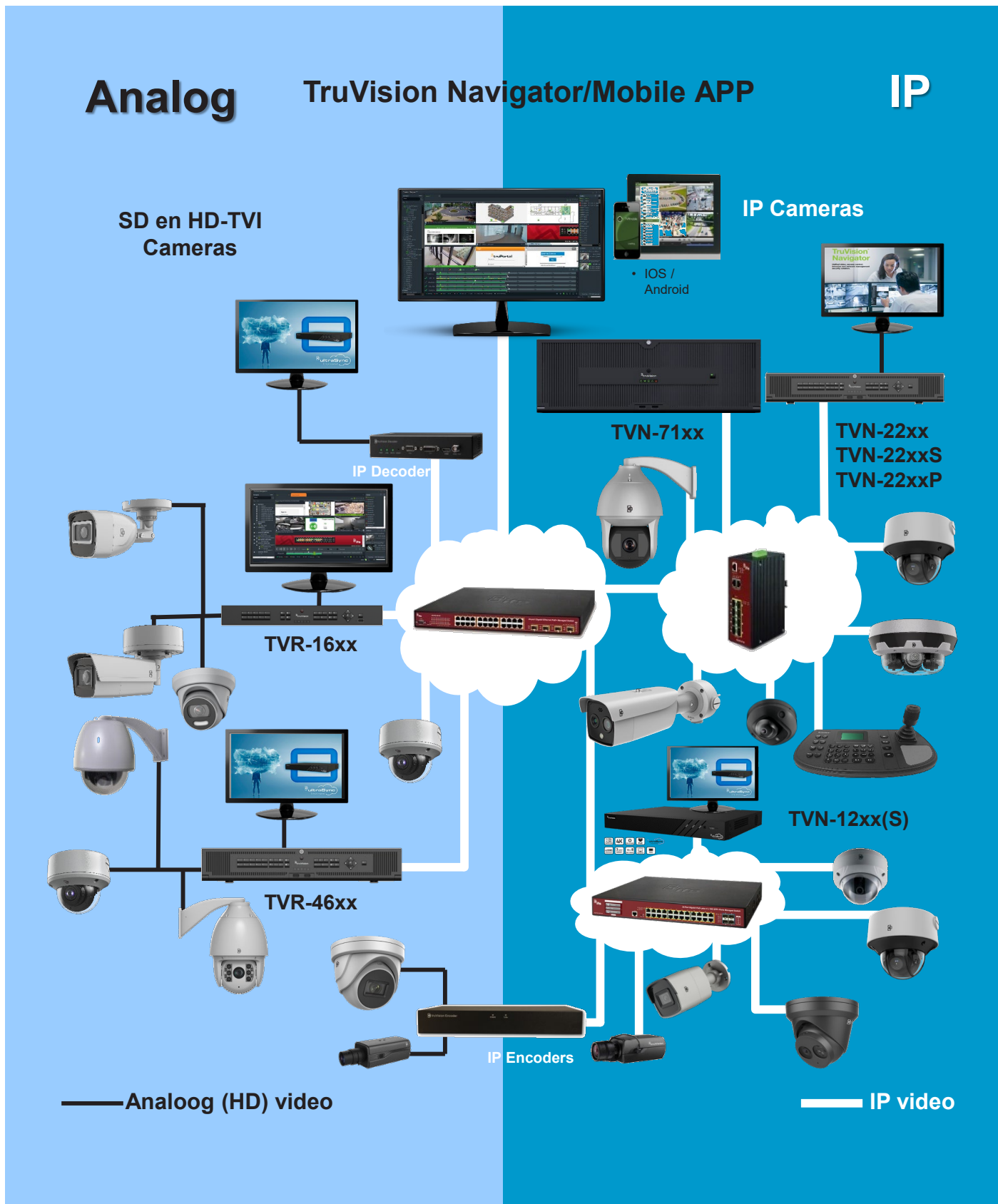
Tip: Media converters are supplied without power supply. See reference power supplies (1) to (8), see page. 35

Video integration overview

	Article	Software				Direct IP integration with intrusion panel
		TruVision Nav**	TVR Mobile App	ATS8600	MAS	
	Hardware					
	TruVision IP PTZ M&P Series	•	•	• via DVR/NVR	• via DVR/NVR	• via DVR/NVR
	TruVision S1,S2 & M01 serie	•	•	• via DVR/NVR	• via DVR/NVR	• via DVR/NVR
	TruVision S3, S5, S6 en S7 M & P serie	•	•	• via DVR/NVR	• via DVR/NVR	• via DVR/NVR
	TVN-12xx	•	•	•		•
	TVN-22xx	•	•	•	•	•
	TVN-71xx	•	•	•		•
	TVR-17xx	•	•	•	•	•
	TVR-46xx	•	•	•		•

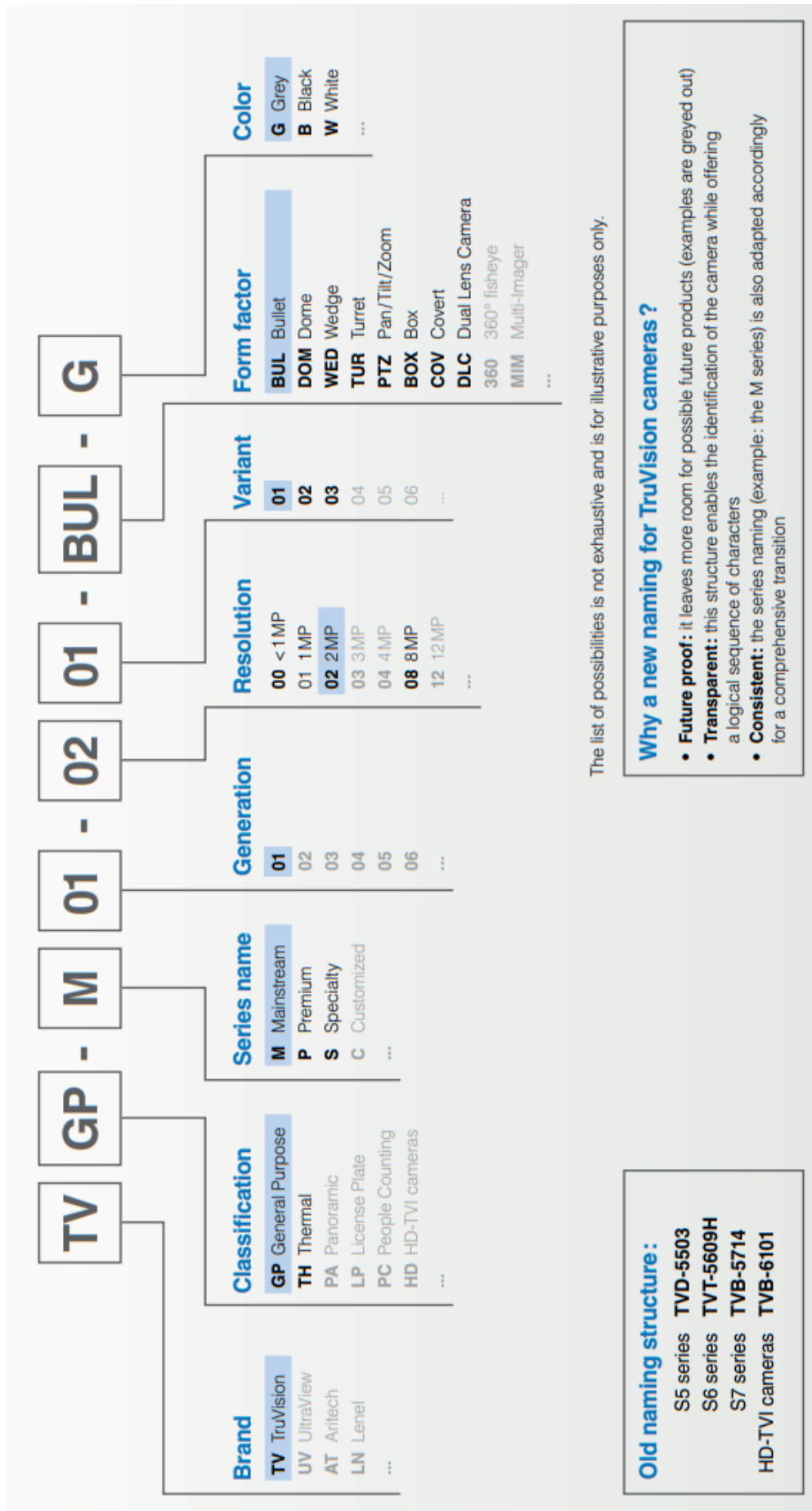
Video total solution

Analog, Hybrid or full IP





Cameras: Nieuwe Art. Nr. Structuur



PRO EXPRESS



For more explanation or a demonstration visit one of our three ProExpress shops in the BeneLux. Feel free to drop by or make an appointment with the ProExpress shop manager or your account manager.

Contact Information:

The Netherlands

Carrier Fire & Security BV

Sales Office (& Pro Express) Weert
Kelvinstraat 7
6003 DH Weert
Tel: +31 495 - 579 579
nl.firesecurityproducts.com
cs.nederland@carrier.com

Pro Express Capelle a/d IJssel
Rivium Westlaan 1
2909 LD Capelle a/d IJssel

Pro Express Amersfoort
Computerweg 20
3821 AB Amersfoort

Belgium

Carrier Fire & Security EMEA BV

Sales Office Brussel
Pegasus Park - De Kleetlaan, 3
1831 Diegem - Brussel
Tel: +32 2 715 89 30
be.firesecurityproducts.com
cs.belgium@carrier.com

Pro Express Roeselare
Zwaikomstraat, 20
8800 Roeselare

For technical questions, please email our service ticket system:

For the Netherlands: support.netherlands@carrier.com | For Belgium: support.belgium@carrier.com

Your question will be registered and follow-up is guaranteed.