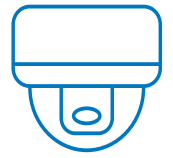


# Video QuickScan



## 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><b>TVRMobile/Advisor App</b></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><b>TruVision Navigator</b></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><b>TruVision Storage Calculator</b></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><b>TruVision Device Manager</b></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><b>UltraSync empowered</b></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><b>Selection guide</b></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 <span style="float: right;">1.30MB</span></p> | <p><b>Selection Guide</b></p> <p>For proper mounting accessories, visit our website <a href="https://nl.firesecurityproducts.com/be.firesecurityproducts.com">nl.firesecurityproducts.com/be.firesecurityproducts.com</a> 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.

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## 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 |
|   | <b>TVGP-M01-0201-WED-G</b> | 2         | •              | •              | •                       | •                    | •                  | •                             | 2,8          | 30       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0401-WED-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 2,8          | 30       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|   | <b>TVGP-M01-0401-WED-W</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 2,8          | 30       | •             |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0401-WED-B</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 2,8          | 30       |               | •             | •                     | •                        | •                    | •                        | •              | •            |

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

New! For the right mounting accessories, visit our website [nl.firesecurityproducts.com](http://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 |
| <b>TVGP-M01-0201-DOM-G</b> | 2             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0201-DOM-W</b> | 2             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0401-DOM-G</b> | 4             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0401-DOM-W</b> | 4             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0801-DOM-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0801-DOM-W</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8              |                     | 30       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0202-DOM-G</b> | 2             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0202-DOM-W</b> | 2             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0402-DOM-G</b> | 4             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0402-DOM-W</b> | 4             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0802-DOM-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       |               | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
| <b>TVGP-M01-0802-DOM-W</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | 2,8-12           | •                   | 40       | •             | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |

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## 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 |
|    | <b>TVGP-M01-0201-TUR-G</b> | 2             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|    | <b>TVGP-M01-0201-TUR-W</b> | 2             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       | •             |               | •                     | •                        | •                    | •                        | •              | •            |
|    | <b>TVGP-M01-0201-TUR-B</b> | 2             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       |               | •             | •                     | •                        | •                    | •                        | •              | •            |
|   | <b>TVGP-M01-0401-TUR-G</b> | 4             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0401-TUR-W</b> | 4             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       | •             |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0401-TUR-B</b> | 8             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       |               | •             | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0801-TUR-G</b> | 8             | •              | •              | •                       | •                    | •                  | •                             | 2,8               |                     | 30       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0202-TUR-G</b> | 2             | •              | •              | •                       | •                    | •                  | •                             | 2,8 - 12          | •                   | 40       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0402-TUR-G</b> | 4             | •              | •              | •                       | •                    | •                  | •                             | 2,8 - 12          | •                   | 40       |               |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0402-TUR-W</b> | 4             | •              | •              | •                       | •                    | •                  | •                             | 2,8 - 12          | •                   | 40       | •             |               | •                     | •                        | •                    | •                        | •              | •            |
|  | <b>TVGP-M01-0802-TUR-G</b> | 8             | •              | •              | •                       | •                    | •                  | •                             | 2,8 - 12          | •                   | 40       |               |               | •                     | •                        | •                    | •                        | •              | •            |

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

|   | Article             | Description  |
|---|---------------------|--|
|  | <b>TVD-CBW-CB-B</b> | TruVision wall mount bracket and cup base for turret cameras with fixed lens, black. |
|  | <b>TVD-BB3A-B</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 |
|    | <b>TVGP-M01-0201-BUL-G</b> | 2         | 120dB    | •              | •                       | •                    | •                  | •                             | 4,0               |                     | 40       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
|   | <b>TVGP-M01-0401-BUL-G</b> | 4         | 120dB    | •              | •                       | •                    | •                  | •                             | 4,0               |                     | 40       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
|   | <b>TVGP-M01-0801-BUL-G</b> | 8         | 120dB    | •              | •                       | •                    | •                  | •                             | 4,0               |                     | 40       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
|  | <b>TVGP-M01-0202-BUL-G</b> | 2         | 120dB    | •              | •                       | •                    | •                  | •                             | 2,8-12            | •                   | 60       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
|   | <b>TVGP-M01-0402-BUL-G</b> | 4         | 120dB    | •              | •                       | •                    | •                  | •                             | 2,8-12            | •                   | 60       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |
|   | <b>TVGP-M01-0802-BUL-G</b> | 8         | 120dB    | •              | •                       | •                    | •                  | •                             | 2,8-12            | •                   | 60       | •                     | •                        | 802.3af (PoE) | •                        | •              | •            |

New! For the right mounting accessories, visit our website [nl.firesecurityproducts.com](http://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 |
| <b>TVFC-M01-0401-BUL-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 40m         |                         | •                     |                          | •                    | •                   |                  |             |                | •            |
| <b>TVFC-M01-0402-BUL-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 60m         | •                       | •                     |                          | •                    | •                   |                  | •           | •              | •            |
| <b>TVFC-M01-0403-BUL-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8-12            | •                   | 60m         |                         | •                     |                          | •                    |                     |                  | •           | •              | •            |
| <b>TVFC-M01-0802-BUL-G</b> | 8             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 60m         | •                       | •                     |                          | •                    | •                   | •                | •           | •              | •            |
| <b>TVFC-M01-0401-DOM-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     |             |                         | •                     |                          | •                    | •                   |                  | •           | •              | •            |
| <b>TVFC-M01-0402-DOM-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 30m         |                         | •                     | •                        | •                    | •                   |                  | •           | •              | •            |
| <b>TVFC-M01-0403-DOM-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8-12            | •                   | 40m         |                         | •                     | •                        | •                    |                     |                  | •           | •              | •            |
| <b>TVFC-M01-0401-TUR-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 30m         |                         | •                     |                          | •                    | •                   |                  |             |                | •            |
| <b>TVFC-M01-0402-TUR-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 30m         | •                       | •                     |                          | •                    | •                   | •                | •           | •              | •            |
| <b>TVFC-M01-0802-TUR-G</b> | 8             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 30m         | •                       | •                     |                          | •                    | •                   | •                | •           | •              | •            |
| <b>TVFC-M01-0401-WED-G</b> | 4             | •              | •                | •                    | •                  | •                             | 2,8               |                     | 30m         |                         | •                     | IK8                      | •                    | •                   |                  | •           | •              | •            |
| <b>TVD-CB10</b>            | Cup Base      |                |                  |                      |                    |                               |                   |                     |             |                         |                       |                          |                      |                     |                  |             |                |              |
| <b>TVB-BB2</b>             | Back box      |                |                  |                      |                    |                               |                   |                     |             |                         |                       |                          |                      |                     |                  |             |                |              |

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|                     |   |                     |  |
|---------------------|---|---------------------|--|
| 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 |
| <b>TVGP-P01-0403-DOM-G</b> | 4             | 120dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,7-13,5          | •                   | 50       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0803-DOM-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,7-13,5          | •                   | 40       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0401-DOM-G</b> | 4             | 140dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,8-12            | •                   | 40       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0402-DOM-G</b> | 4             | 140dB          | •                | •                       | •                    | •                  | •                             | •                                | 8-32              | •                   | 50       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0801-DOM-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,8-12            | •                   | 40       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0802-DOM-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | •                                | 8-32              | •                   | 50       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0401-BUL-G</b> | 4             | 140dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,8-12            | •                   | 60       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0402-BUL-G</b> | 4             | 140dB          | •                | •                       | •                    | •                  | •                             | •                                | 8-32              | •                   | 80       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0801-BUL-G</b> | 8             | 120dB          | •                | •                       | •                    | •                  | •                             | •                                | 2,8-12            | •                   | 60       | •                     | •                        | 802.3at (PoE+) | •                        | •              | •            |
| <b>TVGP-P01-0802-BUL-G</b> | 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](http://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 |
| <b>TVTH-S01-0001-BUL-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 4,3                  | 50°                                 | •                            | 3,6                        | 0,5                         | 40                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |
| <b>TVTH-S01-0002-BUL-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 6,4                  | 25°                                 | •                            | 7                          | 1,3                         | 40                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |
| <b>TVTH-S01-0003-BUL-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 8                    | 18°                                 | •                            | 10                         | 3,5                         | 40                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |
| <b>TVTH-S01-0001-TUR-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 2,2                  | 90°                                 | •                            | 2                          | 0,1                         | 15                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |
| <b>TVTH-S01-0002-TUR-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 4,3                  | 50°                                 | •                            | 3,6                        | 0,5                         | 15                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |
| <b>TVTH-S01-0003-TUR-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | 6,4                  | 25°                                 | •                            | 7                          | 1,3                         | 15                         | •        | •                     | •                        | •                       | •                  | •                    | •                        | •              | •            |



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

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

## TruVision IP Thermal camera


|   |                            | Camera          |                    |                    |               |                    |                               | Objective            |                   |                         | Connections                |           |                            |              |              |      |              |
|---|----------------------------|-----------------|--------------------|--------------------|---------------|--------------------|-------------------------------|----------------------|-------------------|-------------------------|----------------------------|-----------|----------------------------|--------------|--------------|------|--------------|
|   | Article                    | 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 |
|  | <b>TVTH-S01-0004-BUL-G</b> | •               | •                  | •                  | •             | •                  | •                             | •                    | 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](http://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

|   |                            | Mounting |                  |              | Camera         |                   |           |                          | Immer Vision Objective |                        | Features                |             |                                |                              |                            |                         |              |                    |             |
|---|----------------------------|----------|------------------|--------------|----------------|-------------------|-----------|--------------------------|------------------------|------------------------|-------------------------|-------------|--------------------------------|------------------------------|----------------------------|-------------------------|--------------|--------------------|-------------|
|   | Article                    | 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 |
|  | <b>TVPA-S01-0601-360-G</b> | •        |                  | •            | •              | •                 | 6         | •                        | 1,29                   | 15                     | •                       | •           | •                              | •                            | •                          | •                       | •            | •                  | •           |
|   | <b>TVPA-S01-1201-360-G</b> | •        |                  | •            | •              | •                 | 12        | •                        | 1,29                   | 15                     | •                       | •           | •                              | •                            | •                          | •                       | •            | •                  | •           |
|   | <b>TVPA-S01-0602-360-G</b> |          | •                | •            | •              | •                 | 6         | •                        | 1,29                   | 15                     | •                       | •           | •                              | •                            | •                          | •                       | •            | •                  | •           |
|   | <b>TVPA-S01-1202-360-G</b> |          | •                | •            | •              | •                 | 12        | •                        | 1,29                   | 15                     | •                       | •           | •                              | •                            | •                          | •                       | •            | •                  | •           |

## TVF Series Cameras Mounting Accessories

|   | Article        | Description  |
|---|----------------|--|
|  | <b>TVF-BBM</b> | Round back box   |
|  | <b>TVF-WBM</b> | Round / angled back box  |
|  | <b>TVF-CBM</b> | Base adapter (Cup Base) for TVD-PPB (pendant) or TVD-SNB (swan neck) |
|  | <b>TVD-PPB</b> | Pendant (tube length 53cm / mounting plate diameter 15cm)            |
|  | <b>TVD-SNB</b> | 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 |   |
|  | <b>TVS-PC1</b> | 1/2,7"      |        | •       | •                      | •           | •                    | •                    | 2         | •           | 2                 | •           | 6                      | •                 | •                | •                    | •                | •                        | •                           | •                     | 7                    | • |
|  | <b>TVS-PC2</b> | 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 |
| <b>TVLP-S01-0401-BUL-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | •                 | 2.8-12 mm                      | •                   | 4,3                   | 114.5° to 41.8°                     | 59.3° to 23.6°           | 50                     | •        | •                     | •                        | •                    | •                        | •              | •            |
| <b>TVLP-S01-0402-BUL-G</b> | 4         | •              | •              | •                       | •                    | •                  | •                             | •                 | 8-32 mm                        | •                   | 6,4                   | 42.5° to 15.1°                      | 23.3° to 8.64°           | 100                    | •        | •                     | •                        | •                    | •                        | •              | •            |

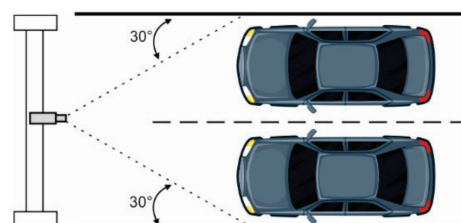


TVLP-S01-0401-BUL-G

TVLP-S01-0402-BUL-G

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

New! For the right mounting accessories, visit our website [nl.firesecurityproducts.com](http://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 |
| <b>TVGP-M01-0201-PTZ-G</b> | 2                     | •              | •              | •                       | •                    | •                  | •                             | •            |                         | 2,8-28                      | 10           | 50                    | •                    | •              |             |           | •                     | •                       | •     |                   |                    | •                    | •              | •              | •            |
| <b>TVGP-M01-0402-PTZ-G</b> | 2                     | •              | •              | •                       | •                    | •                  | •                             | •            |                         | 4,8-120                     | 25           | 100                   | •                    | •              | •           | •         | •                     | •                       |       |                   | •                  |                      | •              | •              | •            |
| <b>TVGP-M01-0401-PTZ-G</b> | 4                     | •              | •              | •                       | •                    | •                  | •                             | •            |                         | 4,8-120                     | 25           | 150                   | •                    | •              | •           | •         | •                     |                         | •     |                   |                    | •                    | •              | •              | •            |
| <b>TVGP-M01-0403-PTZ-G</b> | 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 |   |
| <b>TVGP-P01-0201-PTZ-G</b> | 2                     | •              | •              | •                       | •                    | •                  | •                             | •            | •                       |                      | 5,9-148                     | 25           |                       | •                    | •              | •           | •         | •                     | •     | •                    | •              | •              | •            | • |
| <b>TVGP-P01-0401-PTZ-G</b> | 4                     | •              | •              | •                       | •                    | •                  | •                             | •            | •                       |                      | 4,8-120                     | 42           | 400                   | •                    | •              | •           | •         | •                     | •     | •                    | •              | •              | •            | • |

## TruVision IP PTZ M & P Series Speeddome Cameras

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

## TruVision PTZ Speeddome keypads

|   | Article            | Description  |
|---|--------------------|--|
|  | <b>TVK-600</b>     | 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) |
|  | <b>TVK-400-USB</b> | 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  |
|---|--|
| <b>TruVision 4-channel TVN-12 Video Kits with 2 Cameras</b> |  |
| <b>TVN1204-1T-K01-2B-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1204-1T-K01-2T-B</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Black TVGP-M01-0401-TUR-B Turret cameras |
| <b>TVN1204-1T-K01-2T-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-TUR-G Turret cameras  |
| <b>TVN1204-1T-K01-2T-W</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 White TVGP-M01-0401-TUR-W Turret cameras |
| <b>TVN1204-1T-K01-2W-B</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Black TVGP-M01-0401-WED-B Wedge cameras  |
| <b>TVN1204-1T-K01-2W-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVGP-M01-0401-WED-G Wedge cameras   |
| <b>TVN1204-1T-K01-2W-W</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 White TVGP-M01-0401-WED-W Wedge cameras  |
| <b>TVN1204-1T-K02-2B-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1204-1T-K02-2T-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-TUR-G Turret cameras  |
| <b>TVN1204-1T-K02-2W-G</b>                                  | Contains Compact 4-Channel TVN12 with 1TB and 2 Grey TVFC-M01-0401-WED-G Wedge cameras   |

| <b>TruVision 4-Channel TVN-12 Video Kits with PoE and 2 Cameras</b> |  |
|---|--|
| <b>TVN1204CS-1T-K01-2B-G</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1204CS-1T-K01-2T-B</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Black TVGP-M01-0401-TUR-B Turret cameras |
| <b>TVN1204CS-1T-K01-2T-G</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-TUR-G Turret cameras  |
| <b>TVN1204CS-1T-K01-2T-W</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 White TVGP-M01-0401-TUR-W Turret cameras |
| <b>TVN1204CS-1T-K01-2W-B</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Black TVGP-M01-0401-WED-B Wedge cameras  |
| <b>TVN1204CS-1T-K01-2W-G</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVGP-M01-0401-WED-G Wedge cameras   |
| <b>TVN1204CS-1T-K01-2W-W</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 White TVGP-M01-0401-WED-W Wedge cameras  |
| <b>TVN1204CS-1T-K02-2B-G</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVFC-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1204CS-1T-K02-2T-G</b>  | Contains Compact 4-Channel TVN12 PoE with 1TB and 2 Grey TVFC-M01-0401-TUR-G Turret cameras  |
| <b>TVN1204CS-1T-K02-2W-G</b>  | 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  |
|---|--|
| <b>TruVision 8-channel TVN-12 Video Kits with 4 Cameras</b> |  |
| <b>TVN1208-2T-K01-4B-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1208-2T-K01-4T-B</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Black TVGP-M01-0401-TUR-B Turret cameras |
| <b>TVN1208-2T-K01-4T-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-TUR-G Turret cameras  |
| <b>TVN1208-2T-K01-4T-W</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 White TVGP-M01-0401-TUR-W Turret cameras |
| <b>TVN1208-2T-K01-4W-B</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Black TVGP-M01-0401-WED-B Wedge cameras  |
| <b>TVN1208-2T-K01-4W-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVGP-M01-0401-WED-G Wedge cameras   |
| <b>TVN1208-2T-K01-4W-W</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 White TVGP-M01-0401-WED-W Wedge cameras  |
| <b>TVN1208-2T-K02-4B-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1208-2T-K02-4T-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-TUR-G Turret cameras  |
| <b>TVN1208-2T-K02-4W-G</b>                                  | Contains 8-Channel TVN12 with 2TB and 4 Grey TVFC-M01-0401-WED-G Wedge cameras   |

| <b>TruVision 8-kanaals TVN-12 Video Kits met PoE en 4 camera's</b> |  |
|--|--|
| <b>TVN1208S-2T-K01-4B-G</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1208S-2T-K01-4T-B</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Black TVGP-M01-0401-TUR-B Turret cameras |
| <b>TVN1208S-2T-K01-4T-G</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-TUR-G Turret cameras  |
| <b>TVN1208S-2T-K01-4T-W</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 White TVGP-M01-0401-TUR-W Turret cameras |
| <b>TVN1208S-2T-K01-4W-B</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Black TVGP-M01-0401-WED-B Wedge cameras  |
| <b>TVN1208S-2T-K01-4W-G</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVGP-M01-0401-WED-G Wedge cameras   |
| <b>TVN1208S-2T-K01-4W-W</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 White TVGP-M01-0401-WED-W Wedge cameras  |
| <b>TVN1208S-2T-K02-4B-G</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVFC-M01-0401-BUL-G Bullet cameras  |
| <b>TVN1208S-2T-K02-4T-G</b>  | Contains 8-Channel TVN12 PoE with 2TB and 4 Grey TVFC-M01-0401-TUR-G Turret cameras  |
| <b>TVN1208S-2T-K02-4W-G</b>  | 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                 | <b>TVN-1204c-1T</b>  |
|   | Yes           | 2                           |                       |                        | Yes                 | <b>TVN-1204c-2T</b>  |
|   | Yes           | 1                           | 4                     | 50                     | Yes                 | <b>TVN-1204cS-1T</b> |
|   | Yes           | 2                           | 4                     | 50                     | Yes                 | <b>TVN-1204cS-2T</b> |
| 8   | No            | 2                           |                       |                        | Yes                 | <b>TVN-1208-2T</b>   |
|   | No            | 4                           |                       |                        | Yes                 | <b>TVN-1208-4T</b>   |
|   | No            | 2                           | 8                     | 80                     | Yes                 | <b>TVN-1208S-2T</b>  |
|   | No            | 4                           | 8                     | 80                     | Yes                 | <b>TVN-1208S-4T</b>  |
| 16  | No            | 2                           |                       |                        | Yes                 | <b>TVN-1216-2T</b>   |
|   | No            | 4                           |                       |                        | Yes                 | <b>TVN-1216-4T</b>   |
|   | No            | 6                           |                       |                        | Yes                 | <b>TVN-1216-6T</b>   |
|   | No            | 2                           | 16                    | 150                    | Yes                 | <b>TVN-1216S-2T</b>  |
|   | No            | 4                           | 16                    | 150                    | Yes                 | <b>TVN-1216S-4T</b>  |
|   | No            | 6                           | 16                    | 150                    | Yes                 | <b>TVN-1216S-6T</b>  |
| <b>Separate spare power supplies</b>                                    |               |                             |                       |                        |                     |                      |
| Spare power supply TVN-1204c and TVR-1704c recorders 12VDC/1.35A        |               |                             |                       |                        |                     | <b>TVN-PSU-1-EU</b>  |
| Spare power supply TVN-1208, TVN-1216 and TVR-1708 recorder 12VDC/3.33A |               |                             |                       |                        |                     | <b>TVN-PSU-2</b>     |
| Spare power supply TVN-1204cS recorder 48VDC/1.35A                      |               |                             |                       |                        |                     | <b>TVN-PSU-POE-1</b> |
| Spare power supply TVN-1208S recorder 48VDC/2.5A                        |               |                             |                       |                        |                     | <b>TVN-PSU-POE-2</b> |

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                      | <b>TVN-2208S-2T</b>  |
|                | 4                                    | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-4T</b>  |
|                | 8                                    | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-8T</b>  |
|                | 12                                   | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-12T</b> |
|                | 16                                   | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-16T</b> |
|                | 18                                   | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-18T</b> |
|                | 24                                   | Yes                  | 8                              | 200                               | Yes                      | <b>TVN-2208S-24T</b> |
| 16             | 2                                    | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-2T</b>  |
|                | 4                                    | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-4T</b>  |
|                | 8                                    | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-8T</b>  |
|                | 12                                   | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-12T</b> |
|                | 16                                   | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-16T</b> |
|                | 18                                   | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-18T</b> |
|                | 24                                   | Yes                  | 16                             | 200                               | Yes                      | <b>TVN-2216S-24T</b> |

|                        |                      |
|------------------------|----------------------|
| HDD extension set, 2TB | <b>TVN-HDD-2TB</b>   |
| HDD extension set, 4TB | <b>TVN-HDD-4TB-2</b> |
| HDD extension set, 6TB | <b>TVN-HDD-6TB-3</b> |
| HDD extension set, 8TB | <b>TVN-HDD-8TB-2</b> |

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

Tip! Download our (Free) powerful TruVision VMS software "TruVision Navigator" on our website [www.firesecurityproducts.com](http://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                      | <b>TVN-2208-2T</b>  |
|                | 4                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-4T</b>  |
|                | 8                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-8T</b>  |
|                | 12                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-12T</b> |
|                | 16                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-16T</b> |
|                | 18                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-18T</b> |
|                | 24                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2208-24T</b> |
| 16             | 2                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-2T</b>  |
|                | 4                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-4T</b>  |
|                | 8                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-8T</b>  |
|                | 12                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-12T</b> |
|                | 16                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-16T</b> |
|                | 18                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-18T</b> |
|                | 24                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2216-24T</b> |
| 32             | 2                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-2T</b>  |
|                | 4                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-4T</b>  |
|                | 8                                    | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-8T</b>  |
|                | 12                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-12T</b> |
|                | 16                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-16T</b> |
|                | 18                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-18T</b> |
|                | 24                                   | Yes                  | Yes             | Yes                      | Yes                      | <b>TVN-2232-24T</b> |

|                        |                      |
|------------------------|----------------------|
| HDD extension set, 2TB | <b>TVN-HDD-2TB</b>   |
| HDD extension set, 4TB | <b>TVN-HDD-4TB-2</b> |
| HDD extension set, 6TB | <b>TVN-HDD-6TB-3</b> |
| HDD extension set, 8TB | <b>TVN-HDD-8TB-2</b> |

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

## 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                         | <b>TVN-2216P-2T</b>  |
|                | 4                           | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-4T</b>  |
|                | 8                           | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-8T</b>  |
|                | 12                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-12T</b> |
|                | 16                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-16T</b> |
|                | 18                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-18T</b> |
|                | 24                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-24T</b> |
|                | 32                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-32T</b> |
|                | 36                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-36T</b> |
|                | 42                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-42T</b> |
| 32             | 48                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2216P-48T</b> |
|                | 2                           | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-2T</b>  |
|                | 4                           | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-4T</b>  |
|                | 8                           | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-8T</b>  |
|                | 12                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-12T</b> |
|                | 16                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-16T</b> |
|                | 18                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-18T</b> |
|                | 24                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-24T</b> |
|                | 32                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-32T</b> |
|                | 36                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-36T</b> |
|                | 42                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-42T</b> |
|                | 48                          | Yes                      | Yes                       | Yes             | Yes                         | <b>TVN-2232P-48T</b> |
| 64             | Yes                         | Yes                      | Yes                       | Yes             | <b>TVN-2232P-64T</b>        |                      |

## TruVision TVN-22xxP IP Recorders



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

|                        |                      |
|------------------------|----------------------|
| HDD extension set, 2TB | <b>TVN-HDD-2TB</b>   |
| HDD extension set, 4TB | <b>TVN-HDD-4TB-2</b> |
| HDD extension set, 6TB | <b>TVN-HDD-6TB-3</b> |
| HDD extension set, 8TB | <b>TVN-HDD-8TB-2</b> |

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## 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                        | <b>TVN-7101-16T</b>   |
|  | 32 (8 x 4TB)                         | No                      | No                        | <b>TVN-7101-32T</b>   |
|  | 48 (12 x 4TB)                        | No                      | No                        | <b>TVN-7101-48T</b>   |
|  | 64 (16 x 4TB)                        | No                      | No                        | <b>TVN-7101-64T</b>   |
|  | 72 (12 x 6TB)                        | No                      | No                        | <b>TVN-7101-72T</b>   |
|  | 96 (16 x 6TB)                        | No                      | No                        | <b>TVN-7101-96T</b>   |
|  | 16 (4 x 4TB)                         | Yes                     | No                        | <b>TVN-7101R-16T</b>  |
|  | 32 (8 x 4TB)                         | Yes                     | No                        | <b>TVN-7101R-32T</b>  |
|  | 48 (12 x 4TB)                        | Yes                     | No                        | <b>TVN-7101R-48T</b>  |
|  | 64 (16 x 4TB)                        | Yes                     | No                        | <b>TVN-7101R-64T</b>  |
|  | 72 (12 x 6TB)                        | Yes                     | No                        | <b>TVN-7101R-72T</b>  |
|  | 96 (16 x 6TB)                        | Yes                     | No                        | <b>TVN-7101R-96T</b>  |
|  | 128 (16 x 8TB)                       | Yes                     | No                        | <b>TVN-7101R-128T</b> |
| HDD uitbreidingsset, 4TB, RAID versie            |                                      |                         |                           | <b>TVN-HDDR-4TB-2</b> |
| HDD uitbreidingsset, 6TB, RAID versie            |                                      |                         |                           | <b>TVN-HDDR-6TB-2</b> |
| HDD uitbreidingsset, 8TB, RAID versie            |                                      |                         |                           | <b>TVN-HDDR-8TB-1</b> |
| HDD uitbreidingsset, 4TB                         |                                      |                         |                           | <b>TVN-HDD-4TB-2</b>  |
| HDD uitbreidingsset, 6TB                         |                                      |                         |                           | <b>TVN-HDD-6TB-2</b>  |
| HDD uitbreidingsset, 8TB*                        |                                      |                         |                           | <b>TVN-HDD-8TB-2</b>  |
| Internal power supply for NVR-71 as a spare part |                                      |                         |                           | <b>TVN-7101-PS</b>    |
| Fan for NVR-71 as a spare part                   |                                      |                         |                           | <b>TVN-7101-Fan</b>   |

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  |
|---|----------------|-----------|------------|-------------|-----------|
| <b>Maximum number of IP cameras</b>     | 4/8/16         | 8/16      | 8/16/32    | 16/32/64    | 128       |
| <b>Maximum camera resolution</b>        | 8Mpx/4K        | 8Mpx/4K   | 8Mpx/4K    | 8Mpx/4K     | 8Mpx/4K   |
| <b>Total (BB) bandwidth (Mbps).</b>     | 40/80/160      | 80 / 160  | 80/160/256 | 256/320/320 | 576       |
| <b>Total (BB) bandwidth (Mbps) out</b>  | 80             | 256       | 256        | 256         | 512       |
| <b>max. outgoing live video streams</b> | 128            | 128       | 128        | 128         | 256       |
| <b>Average BB per channel (Mbps)</b>    | 10             | 10/10     | 10/10/8    | 16/10/5     | 4.5       |
| <b>Maximum BB per channel (Mbps)</b>    | 16             | 16        | 16         | 16          | 16        |
| <b>BB administration/management</b>     | Flexible       | Flexible  | Flexible   | Flexible    | Flexible  |
| <b>Compression</b>                      | H.264/265/265+ | H.264/265 | H.264/265  | H.264/265   | H.264/265 |
| <b>Dual streaming support</b>           | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>Main and substream recording</b>     | No/Yes/Yes     | Yes       | Yes        | Yes         | Yes       |
| <b>V stream capability</b>              | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>Transcoding mode via web browser</b> | No             | Yes       | Yes        | Yes         | Yes       |
| <b>max. internal HDD capacity (TB)</b>  | 8              | 24        | 24         | 64          | 96        |
| <b>HDD expandable from the front</b>    | No             | Yes       | Yes        | Yes         | Yes       |
| <b>HDD redundancy mirror/RAID</b>       | No/No          | Yes/No    | Yes/No     | Yes/Yes     | Yes/Yes   |
| <b>eSATA support, external</b>          | No             | Yes       | Yes        | Yes         | Yes       |
| <b>ezDDNS</b>                           | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>OSD menu interface</b>               | Yes            | Yes       | Yes        | Yes         | No        |
| <b>Keys mouse control</b>               | Yes            | Yes       | Yes        | Yes         | No        |
| <b>Front PTZ control</b>                | No             | Yes       | Yes        | Yes         | No        |
| <b>Keypad support</b>                   | Yes            | Yes       | Yes        | Yes         | No        |
| <b>User levels</b>                      | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>Hidden camera function</b>           | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>AutoDiscovery Tool</b>               | Yes            | Yes       | Yes        | Yes         | Yes       |
| <b>Plug &amp; Play IP configuration</b> | Yes (S)        | Yes       | No         | No          | No        |
| <b>BNC monitor output</b>               | No             | Yes       | Yes        | Yes         | No        |
| <b>VGA monitor output</b>               | Yes            | Yes       | Yes        | Yes, 2x     | No        |
| <b>HDMI monitor output</b>              | Yes            | Yes       | Yes        | Yes, 2x     | No        |
| <b>Monitor output independence</b>      | No             | Yes (3)   | Yes (3)    | Yes (3)     | No        |
| <b>Spot monitor capability/function</b> | No             | Yes       | Yes        | Yes         | No        |
| <b>Audio input(s)/output(s)</b>         | 1/1            | 1/1       | 1/1        | 1/1         | 1/1       |
| <b>USB archiving/interface</b>          | 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 |
|--|-------------|-----------|----------|-----------|----------|
| <b>Alarm inputs</b>                            | 4           | 16        | 16       | 16        | 16       |
| <b>Relay output</b>                            | 1           | 4         | 4        | 4         | 8        |
| <b>Network interface</b>                       | 1x 1Gbps    | 1x 1Gbps  | 2x 1Gbps | 2x 1Gbps  | 2x 1Gbps |
| <b>Network redundancy</b>                      | No          | No        | No       | No        | Yes      |
| <b>Power supply redundancy</b>                 | No          | No        | No       | No        | Yes      |
| <b>Internal POE (af/at) switch (S version)</b> | 42586       | 8/16      | No       | No        | No       |
| <b>PoE budget (Watt) S version, flexible</b>   | 50/80/150   | 200/200   | No       | No        | No       |
| <b>Supports:</b>                               |             |           |          |           |          |
| <b>TVR Mobile APP/TV Navigator</b>             | Yes/Yes     | Yes/Yes   | Yes/Yes  | Yes/Yes   | Yes/Yes  |
| <b>ONVIF/RTSP client protocol</b>              | Yes         | Yes Yes   | Yes      | Yes       | Yes      |
| <b>OH/IP intrusion panel integration</b>       | Yes         | No        | Yes      | Yes       | Yes      |
| <b>UltraSync</b>                               | 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                | <b>TVM-2403</b> |
| 24"                  | 16:09        | Full HD        | No             | Yes            | Yes          | No           | No        | No                | <b>TVM-2413</b> |
| 27"                  | 16:09        | Full HD        | No             | Yes            | Yes          | No           | No        | 2x2W              | <b>TVM-2713</b> |
| 27"                  | 16:09        | 4K             | No             | HDMI           | Yes          | No           | No        | 2x2W              | <b>TVM-2733</b> |
| 32"                  | 16:09        | Full HD        | No             | Yes            | Yes          | No           | No        | 2 x 5W            | <b>TVM-3213</b> |
| 43"                  | 16:09        | Full HD        | No             | Yes            | Yes          | No           | No        | 2 x 5W            | <b>TVM-4313</b> |

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

# 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 |
|  | <b>TVP-6101*</b>  | •        |               | •                     | •                   | •                 | •                | •              | 32                      | 4,8-153           |                         | •           | •         | •                | •               | •                                 | •                | •    | •    |
|  | <b>TVP-6102**</b> |          | •             | •                     | •                   | •                 | •                | •              | 32                      | 4,8-153           |                         | •           | •         | •                | •               | •                                 | •                | •    | •    |
|  | <b>TVP-6103*</b>  | •        |               | •                     | •                   | •                 | •                | •              | 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  |
|---|---------------------|--|
|  | <b>ATD-6814-PSU</b> | 24 Volt AC Power supply 4 Amp, IP66 for Speeddomes, among others |

|   | Article            | Description  |
|---|--------------------|--|
|  | <b>TVK-600</b>     | 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) |
|  | <b>TVK-400-USB</b> | 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 |
|    | <b>TVT-6101</b> | 5             | 130dB    | •              | •                       | •                    | •                | 2,8          | •                        | 30                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|    | <b>TVT-6102</b> | 5             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 60                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|    | <b>TVD-6101</b> | 1             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 60                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|   | <b>TVD-6102</b> | 2             | 130dB    | •              | •                       | •                    | •                | 2,8          | •                        | 30                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|  | <b>TVD-6103</b> | 1             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 60                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|  | <b>TVD-6104</b> | 5             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 60                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|  | <b>TVD-6105</b> | 8/4K          | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 60                     | •                  | •                  | •                            | •                    | 7    | 10                      |
|  | <b>TVB-6101</b> | 1             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 80                     | •                  | •                  | •                            | •                    | 7    |                         |
|   | <b>TVB-6102</b> | 2             | 130dB    | •              | •                       | •                    | •                | 3,6          | •                        | 30                     | •                  | •                  | •                            | •                    | 7    |                         |
|  | <b>TVB-6103</b> | 2             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 80                     | •                  | •                  | •                            | •                    | 7    |                         |
|  | <b>TVB-6104</b> | 5             | 130dB    | •              | •                       | •                    | •                | 3,6          | •                        | 30                     | •                  | •                  | •                            | •                    | 7    |                         |
|  | <b>TVB-6105</b> | 5             | 130dB    | •              | •                       | •                    | •                | 2,7-13,5     | •                        | 80                     | •                  | •                  | •                            | •                    | 7    |                         |
|   | <b>TVB-6106</b> | 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) |
| <b>TVR-1704c-1T</b> | 4   | Yes           | •                                      |                                       | •  | 1                           |
| <b>TVR-1704c-2T</b> |   | Yes           | •                                      |                                       | •  | 2                           |
| <b>TVR-1708-2T</b>  | 8   | No            |  | •                                     | •  | 2                           |
| <b>TVR-1708-4T</b>  |   | No            |  | •                                     | •  | 4                           |
| <b>TVR-1716-2T</b>  | 16  | No            |  | •                                     | •  | 2                           |
| <b>TVR-1716-4T</b>  |   | No            |  | •                                     | •  | 4                           |
| <b>TVR-1716-6T</b>  |   | No            |  | •                                     | •  | 6                           |
| <b>TVR-1716-8T</b>  |   | No            |  | •                                     | •  | 8                           |
| <b>TVR-1716-12T</b> |   | No            |  | •                                     | •  | 12                          |
| <b>TVR-1716-16T</b> |   | No            |  | •                                     | •  | 16                          |
| <b>TVN-PSU-1-EU</b> | Spare power supply TVN-1204c and TVR-1704c recorders 12VDC/1.35A        |               |  |                                       |  |                             |
| <b>TVN-PSU-2</b>    | Spare power supply TVN-1208, TVN-1216 and TVR-1708 recorder 12VDC/3.33A |               |  |                                       |  |                             |
| <b>TVN-PSU-3</b>    | 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](http://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             |
| <b>4 ch. compact model</b>          | 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 |
| <b>Ethernet over fiber with SFP slot</b>  |                        |               |                              |             |                 |               |                          |                               |            |            |            |            |                   |                           |
|    | <b>MC250-1T/1S</b>     | •             | •                            | •           |                 | 1             |                          | •                             | •          | •          |            |            |                   | 6                         |
|    | <b>MC250-4T/2S</b>     | •             | •                            | •           |                 | 2             |                          | •                             | •          | •          |            |            |                   | 3                         |
|    | <b>MC252-4P/1S</b>     | •             | •                            | •           |                 | 1             |                          | •                             | •          | •          |            |            | 4                 | 6                         |
|   | <b>MC352-1P/1S</b>     | •             | •                            | •           | •               | 1             |                          | •                             | •          | •          | •          | •          | 1                 | 6                         |
|  | <b>MC352-4P-2S-V2</b>  | •             | •                            | •           | •               | 2             |                          | •                             | •          | •          | •          | •          | 4                 | 7                         |
|  | <b>MCR300-1T-1S-V2</b> |               | •                            | •           | •               | 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                |  |
|---|------------------------|--|
|    | <b>S20-2MLC-2</b>      | 100Mb, MM/LC, 2 km   |
|   | <b>S25-2MLC-2</b>      | 100Mb, MM/LC, 2 km. High temp. range.                                    |
|   | <b>S30-2MLC</b>        | 1000Mb, MM/LC, 550 meters (50/125 OM2)                                   |
|   | <b>S35-2MLC</b>        | 1000Mb, MM/LC, 550 meters (50/125 OM2). High temp. range                 |
|   | <b>S30-2MLC-2</b>      | 1000Mb, MM/LC, 2 km  |
|   | <b>S40-2MLC</b>        | 10G, MM/LC, 300 meters (OM3)   |
|   | <b>S20-2SLC-20</b>     | 100Mb, SM/LC, 20km   |
|   | <b>S25-2SLC-20</b>     | 100Mb, SM/LC, 20 km, High temp. range                                    |
|   | <b>S30-2SLC-10</b>     | 1000Mb, SM/LC, 10 km   |
|   | <b>S35-2SLC-10</b>     | 1000Mb, SM/LC, 10 km. High temp. range                                   |
|   | <b>S40-2SLC-10</b>     | 10G, SM/LC, 10km   |
|  | <b>S30-RJ</b>          | 1000Mb, with RJ connection   |
|  | <b>MCR-R15</b>         | MCR collection rack for MCR modules with internal power supply, 15 slots |
|  | <b>MCR-RPS</b>         | MCR redundant power supply   |
| <b>Power supplies</b>   |                        |  |
|  | <b>PS5VDC2A-EU</b>     | 5Vdc, 2A (1)   |
|  | <b>PS48VDC.38A-EU</b>  | 48Vdc/0.38A/18Watt (3)   |
|  | <b>PS54VDC72W-EU</b>   | 54Vdc/1.3A (4)   |
| <b>Special 48Vdc power supply for more power</b>                                    |                        |  |
|  | <b>PS48VDC100W-DIN</b> | 48Vdc 48Vdc/100W. DIN rail version (6)                                   |
|  | <b>PS48VDC240W-DIN</b> | 48Vdc 48Vdc/240W. DIN rail version (7)                                   |
|  | <b>PS48VDC480W-DIN</b> | 48Vdc 48Vdc/480W. DIN rail version (8)                                   |




## TruVision IP Encoders and Decoder






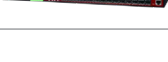
|   | Article         | Performance                                 |                                    |                      |                         |             |              |             |              |                 |                            |     |                           |
|---|-----------------|---|------------------------------------|----------------------|-------------------------|-------------|--------------|-------------|--------------|-----------------|----------------------------|-----|---------------------------|
|   | 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 |
|    | <b>TVE-120</b>  | 1   | •                                  | •                    | •                       | 1           | 1            | 1           | 1            | •               | •                          | •   | •                         |
|   | <b>TVE-420</b>  | 4   | •                                  | •                    | •                       | 4           | 1            | 4           | 2            | •               | •                          | •   | •                         |
|   | <b>TVE-820</b>  | 8   | •                                  | •                    | •                       | 8           | 1            | 8           | 4            | •               |                            |     | •                         |
|  | <b>TVE-1620</b> | 16  | •                                  | •                    | •                       | 16          | 1            | 16          | 4            | •               |                            |     | •                         |
|   | <b>TVE-RMB</b>  | 19" Rack mounting bracket for TVE-120 & 420 |                                    |                      |                         |             |              |             |              |                 |                            |     |                           |

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






|   | Article          | Decoder   |
|---|------------------|---|
|  | <b>TVE-DEC12</b> | 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 |

## IP network transmission communication equipment, switches

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







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

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)   |  | <b>NS2052-8P-2C</b>     |         |
|   |           |     | 8 port, Giga   |         | (2/3) |  | <b>NS3050-8T</b>        |         |
|   | Managed   | PoE | 8+2 port, Giga |         | (5)   |  | <b>NS3550-8T-2S-V2</b>  |         |
|   |           |     | 8+2 port, Giga | 8x PoE+ | (7/8) |  | <b>NS3552-8P-2S-V2</b>  |         |
|   |           |     |                | 8x PoE+ | (7/8) |  | <b>NS3562-8P-2S-V2*</b> |         |
|   |           |     |                |         |       |   |                         |         |






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

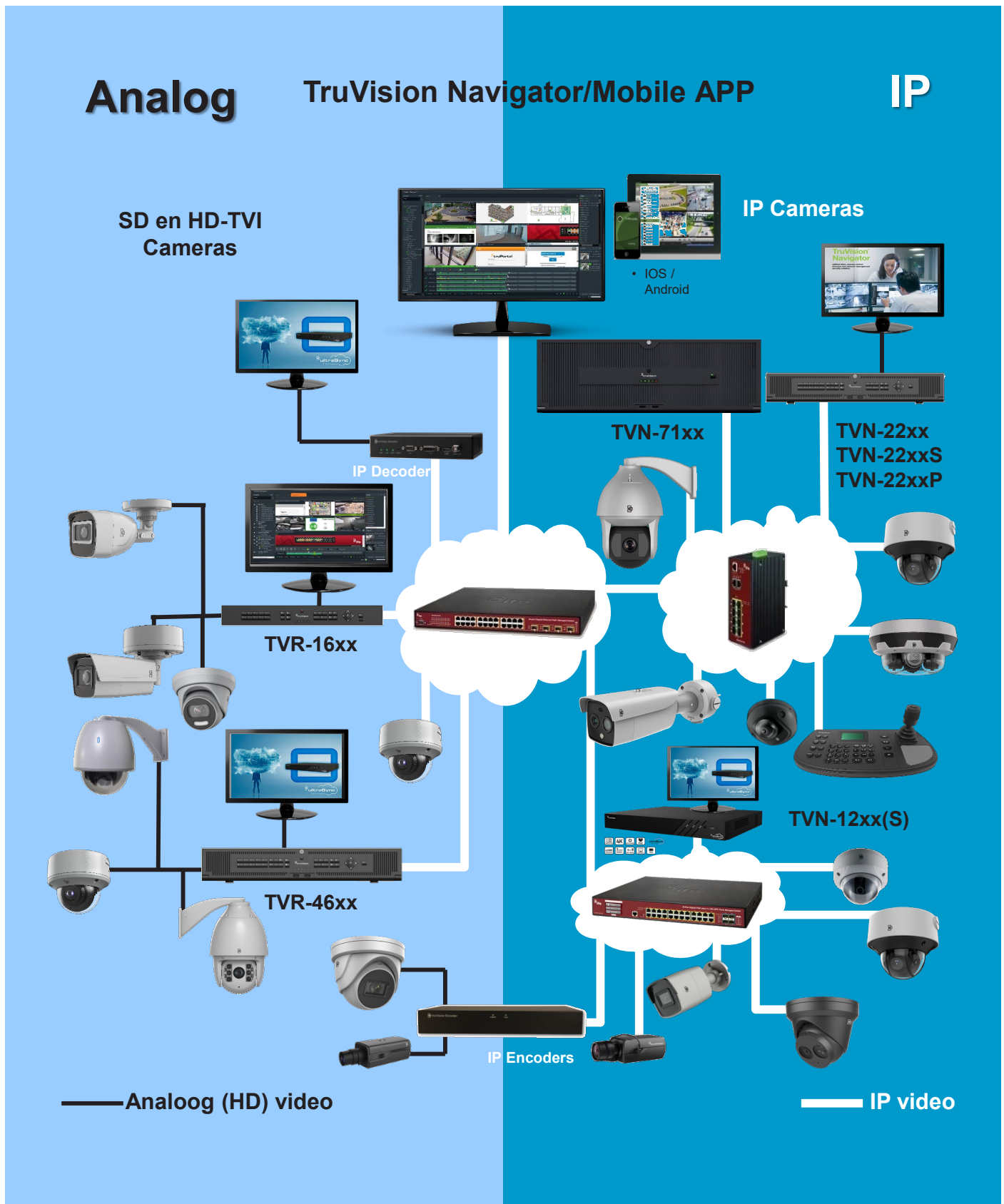
Tip: Media converters are supplied without power supply. See reference power supplies (1) to (8), see page. 35

## Video integration overview

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

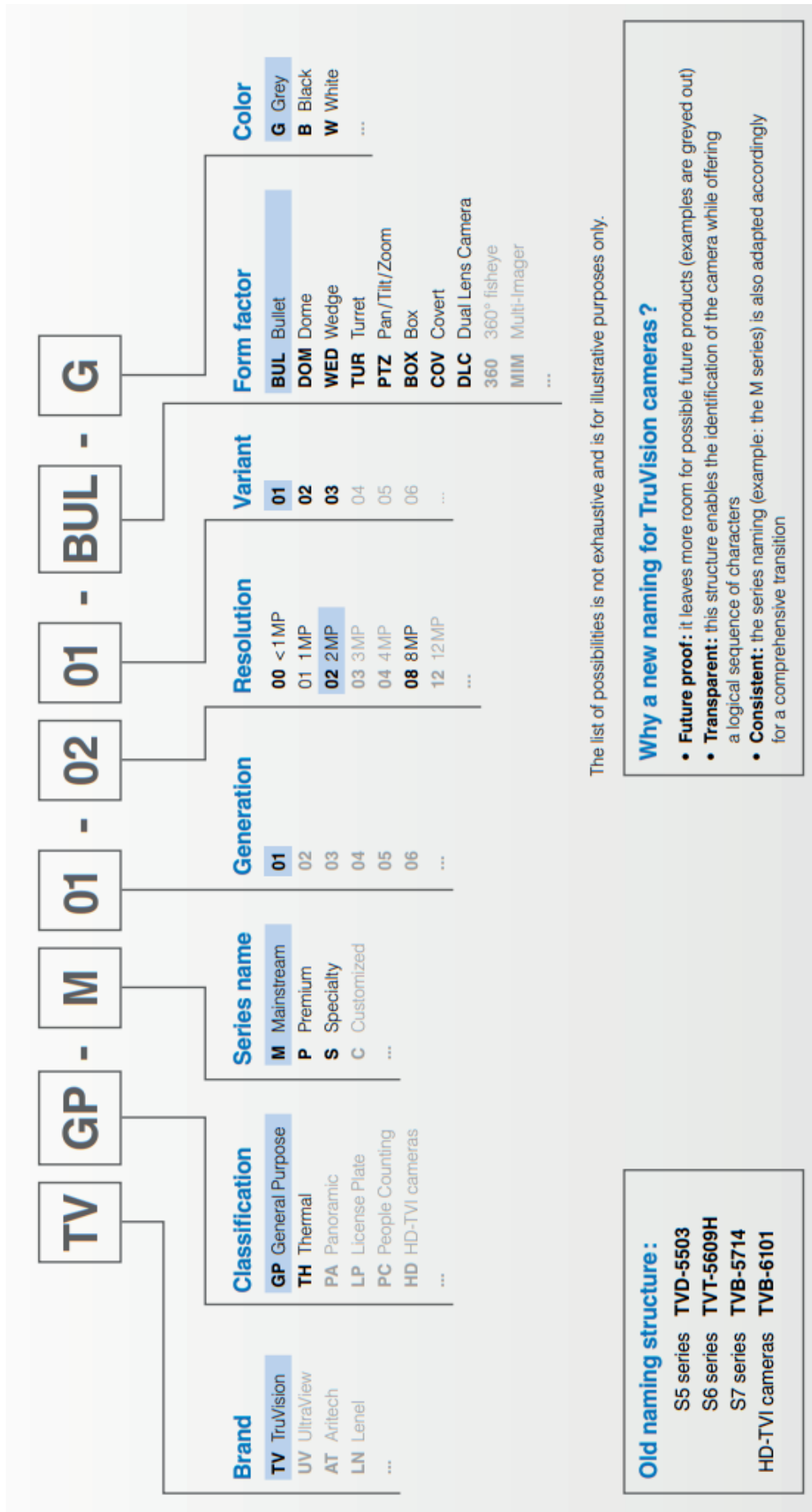
# Video total solution

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.

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