# TVGP-P01-0403-DOM-G

**TruVision™ 4MP, Super Low Light, IP Dome Camera, 2.7-13.5 mm Lens, grey**

## Overview

The TruVision P Series IP dome cameras have a rich set of features which make them ideal for demanding security, surveillance, and monitoring applications such as commercial, retail and large projects. With smart event capabilities available in 4 and 8MP 4K resolutions delivering high-quality images thanks to their extreme low light sensitivity brings clear visibility even in the dark and enhanced image processing.

The cameras support up to 4 configurable video streams which allow users to optimize the cameras remote live view capabilities while controlling the bandwidth usage. The motorized varifocal lens with auto-iris technology allows users to remotely adjust the zoom level and focus to get crisp images anytime anywhere. In addition to the compatibility with other TruVision products and 3rd party VMS software, the cameras also support NAS recording or local MicroSD card recording to protect data in the event of network disruptions.

The cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line detection, intrusion detection, region entrance, region exit and face capture features. With its smart person/vehicle filter feature the camera can ignore irrelevant motion or VCA events which will automatically lead to less storage consumption and faster retrieval of relevant video events.



## Details

- Maximum resolution: 2688 × 1520
- H.265(+), H.264(+) and MJPEG compression
- 4 independent configurable video streams
- Motorized zoom lens 2.7 to 13.5 mm with auto-focus
- Up to 50 m IR illumination
- ONVIF Profiles S, G and T
- Rich video intelligence (VCA)
- Up to 120 dB Wide Dynamic Range
- Edge recording up to 512 GB with optional SD card

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## Technical specifications

### General

| | |
|---|---|
| Technology | IP |
| Video standard | NTSC, PAL |
| Image settings | De-Fog, Vue du couloir, Miroir, Région d'intérêt (ROI) |
| Privacy masking | Yes |
| Software compatibility | Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Logiciel de navigation |

### Camera

| | |
|---|---|
| Sensor size | 1/3" |
| Max. resolution | 4 MPX |
| Sensor scan | Progressif |
| Sensor type | CMOS |
| Shutter time | 1/3 s to 1/100,000 s |

### Lighting performance

| | |
|---|---|
| WDR type | Vrai WDR |
| WDR | 120 dB |
| Digital noise reduction | 3D DNR |
| Day/night | Vrai jour / nuit |
| Motorized IR cut filter | Yes |
| Color sensitivity | Color: 0.003 Lux @ (F1.4, AGC ON),B/W: 0 Lux with IR |
| Infrared (IR) | Yes |
| IR range | Up to 50 m |
| IR wavelength | 850 nm |

### Encoding

| | |
|---|---|
| Video streams | 4 |
| Main stream compression | H.264, H.264+, H.265, H.265+ |
| Sub stream compression | H.264, H.265, M-JPEG |
| Third stream compression | H.264, H.265 |
| Video bit rate | 32 to 8 Mbps |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520 |
| Sub stream resolutions | 1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA) |
| Third stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA) |
| 4th stream compression | H.265, H.264, MJPEG |
| 4th stream resolutions | 640 x 480 (VGA), 640 x 360 (nHD), 1280 x 720 (XVGA) |
| Max. resolution @ fps | 2688 × 1520 @ 25/30 fps |

### Lens

| | |
|---|---|
| Lens type | Varifocale motorisée |
| Focal length | 2.7 to 13.5 mm: horizontal FoV 107.6 to 32.9°, vertical FoV 56 to 18.5°, diagonal FoV 130.9 to 37.8° |
| Auto iris | Yes |
| Auto focus | Yes |
| Motorized zoom | Yes |

### DORI

| | |
|---|---|
| Detection | 64 to 187 m |
| Observation | 25 to 74 m |
| Recognition | 12 to 37 m |
| Identification | 6 to 18 m |

### Network

| | |
|---|---|
| Network interface | RJ-45 10/100 Mbit/s auto-adaptable interface Ethernet |
| Integration | CGI, ISAPI, ONVIF profil G, ONVIF profil S, ONVIF Profile T |
| Supported network protocols | 802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP |

### Audio

| | |
|---|---|
| Audio compression | G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM |
| Audio in | 1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, |
| Audio out | 1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω |

### Alarm I/O

| | |
|---|---|
| Alarm inputs | 2 |
| Alarm outputs | 2 outputs (24 VAC/VDC, 1A max) |

### Storage

| | |
|---|---|
| Local storage support | Yes |
| Local storage type | Built-in Micro SD/SDHC/SDXC card slot |
| Max. SD card capacity | 512 GB |

### Video intelligence

| | |
|---|---|
| Alarm trigger | HDD error, HDD full, Invalid login, IP address conflict, Network disconnected, Sabotage |
| ROI | 5 fixed regions for main stream and sub-stream |
| Smart event | Détection de mouvement avancée, Audio exception detection, Mise au point, Face capture, Détection d'intrusion, Détection de passage à niveau, Détection de suppression d'objet, People counting, People management, Détection d'entrée région, Détection de région de sortie, Changement de scène, Unattended baggage detection |
| Intelligence options | Person/vehicle detection on motion, line crossing, intrusion detection, region entrance detection and region exit detection |

### Electrical

| | |
|---|---|
| Operating voltage | 12 VDC ± 25%, 1.25 A, Ø5.5 mm coaxial power plug, PoE: IEEE 802.3at, Class 4 |
| Power consumption | 12 VDC, 1.25 A, max. 15 W, PoE: 802.3at, max. 18 W |

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### Physical

| | |
|---|---|
| Physical dimensions | Ø153.3 mm × 111.6 mm<br>Ø6.0 × 4.4 in. |
| Net weight | 910 g<br>2.0 lb.) |
| Shipping weight | 1940 g<br>4.3 lb. |
| Colour | Grå |
| Form Factor | Dome |

### Environmental

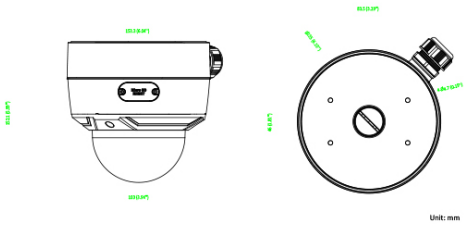
| | |
|---|---|
| Vandal proof | Yes |
| Impact rating | IK10 |
| Environment | Udendørs |
| Operating temperature | -30 to +60°C<br>-22 to +140°F |
| Relative humidity | <95% noncondensing |
| IP rating | IP67 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, FCC, REACH, RoHS, UL, WEEE |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Brackets & Mounts | TVD-BB4 | TruVision Back Box for S6 and M Series varifocal dome cameras, grey |
| Brackets & Mounts | TVD-CB9 | TruVision Cup Base for S7 outdoor dome camera |
| Brackets & Mounts | TVD-CBW | TruVision wall mount bracket compatible with TruVision Cup Bases TVx-CBx |
| Brackets & Mounts | TVD-M-PMA-SS | TruVision Pole Mount Adaptor, stainless steel |
| Brackets & Mounts | TVD-PPB | TruVision Dome Pendant Ceiling mount bracket for TVD-CBx, TVF-CBM |
| Brackets & Mounts | TVD-SNB-BB | TruVision TVD-SNB back box, 4-directional conduit, indoor & outdoor |
| Brackets & Mounts | TVD-VFM3 | TruVision flush mount for S6 and M Series varifocal dome IP cameras |
| Camera Housing | TVD-BS-5S | TruVision Dome Bubble Spare, Smoked, for motorized lens domes |




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