# TVGP-P01-0803-DOM-G

**Caméra dôme IP TruVision™ 8MP, pour conditions de luminosité extrêmement faibles, objectif 2,7-13,5 mm, grise.**

## 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.



## Détails

- Résolution maximale : 3840 × 2160
- Compression H.265(+), H.264(+) et MJPEG
- 4 flux vidéo indépendants et configurables
- Zoom motorisé de 2,7 à 13,5 mm avec mise au point automatique
- Éclairage IR jusqu'à 40 m
- Profils ONVIF S, G et T
- Intelligence vidéo enrichie (VCA)
- Jusqu'à 120 dB de plage dynamique étendue
- Enregistrement embarqué jusqu'à 512 Go avec une carte SD optionnelle

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## Spécifications techniques

### General

| | |
|---|---|
| Technology | IP |
| Video standard | NTSC, PAL |
| Image settings | De-Fog, Hallway View, Mirror, ROI (Region Of Interest) |
| Privacy masking | Yes |
| Software compatibility | Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser |

### Camera

| | |
|---|---|
| Sensor size | 1/1.8" |
| Max. resolution | 8 MP (4K) |
| Sensor scan | Progressive |
| Sensor type | CMOS |
| Shutter time | 1/3 s to 1/100,000 s |

### Lighting performance

| | |
|---|---|
| WDR type | True WDR |
| WDR | 120 dB |
| Digital noise reduction | 3D DNR |
| Day/night | True Day/Night |
| 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 40 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, MJPEG |
| Third stream compression | H.264, H.265 |
| Video bit rate | 32 to 16 Mbps |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520, 3200 x 1800, 3840 x 2160 |
| Sub stream resolutions | 1280 x 960 (720p), 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 | 1280 x 720 (XVGA), 640 x 480 (VGA), 640 x 360 (nHD) |
| Max. resolution @ fps | 3840 × 2160 @ 25/30 fps |

### Lens

| | |
|---|---|
| Lens type | Varifocal motorized |
| Focal length | 2.7 to 13.5 mm: horizontal FoV 108 to 46°, vertical FoV 58 to 26°, diagonal FoV 127 to 52° |
| Auto iris | Yes |
| Auto focus | Yes |
| Motorized zoom | Yes |

### DORI

| | |
|---|---|
| Detection | 86 to 192 m |
| Observation | 34 to 76 m |
| Recognition | 17 to 38 m |
| Identification | 8 to 19 m |

### Network

| | |
|---|---|
| Network interface | RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Integration | CGI, ISAPI, ONVIF Profile G, ONVIF Profile 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, Video tampering |
| ROI | 5 fixed regions for main stream and sub-stream |
| Smart event | Advanced motion detection, Audio exception detection, Defocus, Face capture, Intrusion detection, Line crossing detection, Object removal detection, People counting, People management, Region entrance detection, Region exiting detection, Scene change detection, Unattended baggage 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 | 870 g<br>1.9 lb. |
| Shipping weight | 1970 g<br>4.5 lb. |
| Colour | Grey |
| Form Factor | Dome |

### Environmental

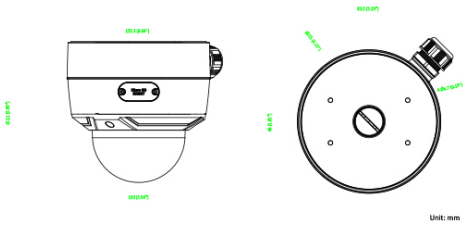
| | |
|---|---|
| Vandal proof | Yes |
| Impact rating | IK10 |
| Environment | Outdoor |
| Operating temperature | -30 to +60°C<br>-22 to +140°F |
| Relative humidity | <95% noncondensing |
| IP rating | IP67 |

### Regulatory

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

### Produits compatibles

| Catégorie | Référence | Description |
|---|---|---|
| Brackets & Mounts | TVD-BB4 | Boîtier TruVision pour caméra dôme S6 à objectif varifocale avec faisceau de câbles |
| Brackets & Mounts | TVD-CB9 | Coupole de fixation TruVision pour la caméra dôme extérieure S7 |
| Brackets & Mounts | TVD-CBW | Fixation murale TruVision compatible avec les coupoles TVD-CB2, TVD-CB3, TVD-CB5A, TVD-CB6, TVD-CB7. |
| Brackets & Mounts | TVD-M-PMA-SS | Adaptateur de montage sur poteau TruVision pour utilisation avec TVD-SNB (acier inoxydable). |
| Brackets & Mounts | TVD-PPB | Support plafond pendant pour dômes robustes TruVision™ TVD-61XX et ultraView™. |
| Brackets & Mounts | TVD-SNB-BB | Boîtier de raccordement TruVision pour support pour TVD-SNB, TVD-M2-WM. |
| Brackets & Mounts | TVD-VFM3 | TruVision Deckeneinbau für S6 varifokus Dome Kamera mit Kabelbaum |
| Camera Housing | TVD-BS-5S | Bulle fumée de rechange pour dôme TruVision, pour dômes à objectif motorisé. |




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