

# TVGP-P01-0802-BUL-G

**TruVision™ 8MP, Extreme Low Light, IP Bullet Camera, 8-32 mm Lens, grey**

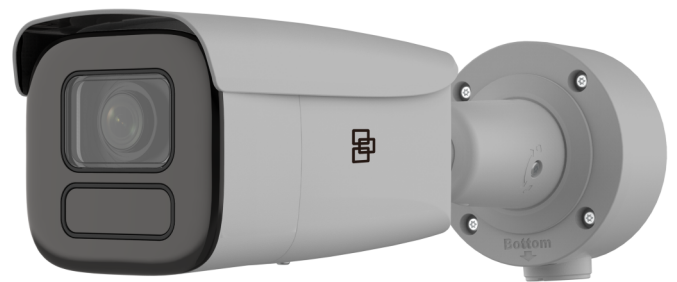
## Overview

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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. Available in 4 and 8MP 4K resolutions delivering high-quality images thanks to their extreme low light sensitivity which brings clear visibility even in the dark.

The cameras support up to 4 configurable video streams which allows 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.



## Dettagli

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- Maximum resolution: 3840 × 2160
- H.265(+), H.264(+) and MJPEG compression
- 4 independent configurable video streams
- Motorized zoom lens 8 to 32 mm with auto-focus
- Up to 80 m IR illumination
- P-iris lens
- ONVIF Profiles S, G and T
- Rich video intelligence (VCA)
- Up to 120 dB Wide Dynamic Range
- Edge recording up to 256 GB with optional SD card

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### Specifiche tecniche

#### Generale

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

#### Telecamera

|                 |                      |
|-----------------|----------------------|
| 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 |

#### Prestazioni di illuminazione

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| WDR type                            | True WDR                                             |
| WDR                                 | 120 dB                                               |
| Digital noise reduction             | 3D DNR                                               |
| Giorno / notte                      | True Day/Night                                       |
| Rimozione del filtro IR motorizzata | Si                                                   |
| Sensibilità del colore              | Color: 0.004 Lux @ (F1.4, AGC ON),B/W: 0 Lux with IR |
| Infrared (IR)                       | Si                                                   |
| IR range                            | Up to 80 m                                           |
| Lunghezza d'onda IR                 | 850 nm                                               |

#### Codifica

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| 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                                                                  |
| Velocità in bit video         | 32 to 16 Mbps                                                                 |
| Main stream resolutions       | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520, 3200 x 1800, 3840 x 2160 |
| Risoluzioni flusso secondario | 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)      |

#### Lente

|                          |                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------|
| Lens type                | Varifocale motorizzata                                                                        |
| Focal length             | 8 to 32 mm: horizontal FoV 41.8 to 15°, vertical FoV 22.9 to 8.5°, diagonal FoV 48.7 to 17.1° |
| Messa a fuoco automatica | Si                                                                                            |
| Zoom motorizzato         | Si                                                                                            |

#### DORI

|                |                 |
|----------------|-----------------|
| Detection      | 218 to 580 m    |
| Observation    | 86.5 to 230.2 m |
| Recognition    | 43.6 to116 m    |
| Identification | 21.8 to 58 m    |

#### Rete

|                             |                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 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

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

#### Allarme I/O

|                     |                                |
|---------------------|--------------------------------|
| Ingresso di allarme | 3                              |
| Uscita di allarme   | 3 outputs (24 VAC/VDC, 1A max) |

#### Memoria

|                              |                                       |
|------------------------------|---------------------------------------|
| Local storage support        | Si                                    |
| Tipo di archiviazione locale | Built-in Micro SD/SDHC/SDXC card slot |
| Max. SD card capacity        | 256 GB                                |

#### Intelligenza video

|                      |                                                                                                                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alarm trigger        | HDD error, HDD full, Invalid login, Conflitto di indirizzi IP, Rete disconnessa, Video tampering                                                                                                                                                                                                                                     |
| ROI                  | 5 fixed regions for main stream and sub-stream                                                                                                                                                                                                                                                                                       |
| Analisi video        | Rilevazione avanzata del movimento, Rilevazione Audio exception, Defocus, Face capture, Intrusion detection, Rilevazione Line crossing, Rilevazione oggetto rimosso, People counting, People management, Rilevazione entrata in regione, Rilevazione uscita da regione, Rilevazione cambio scena, Rilevazione di bagagli incustoditi |
| Intelligence options | Person/vehicle detection on motion, line crossing, intrusion detection, region entrance detection and region exit detection                                                                                                                                                                                                          |

#### Elettrico

|                       |                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Tensione di esercizio | 12 VDC ± 25%, 1.20 A, 24 VAC ± 20%, 1.03 A, max. 14 W, two-core terminal block, PoE: 802.3at, Class 4, 42.5 V to 57 V, 0.4 A to 0.3 A, max. 17 W |
| Consumo di energia    | 12 VDC, 1.20 A, max. 14 W, 24 VAC, 1.03 A, max. 14 W, PoE: 802.3at, max. 17 W                                                                    |

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|                    |                                       |
|--------------------|---------------------------------------|
| <b>Fisico</b>      |                                       |
| Dimensioni fisiche | Ø105 mm × 340.7 mm<br>Ø4.1 × 13.4 in. |
| Peso netto         | 1455 g<br>2.9 lb.                     |
| Peso spedizione    | 2256 g<br>4.9 lb.                     |
| Colour             | Grigio                                |
| Form Factor        | Bullet                                |

|                       |                               |
|-----------------------|-------------------------------|
| <b>Ambientale</b>     |                               |
| Vandal proof          | Si                            |
| Valutazione impatto   | IK10                          |
| Environment           | All'aperto                    |
| Operating temperature | -40 to +60°C<br>-40 to +140°F |
| Umidità relativa      | <95% noncondensing            |
| IP rating             | IP67                          |

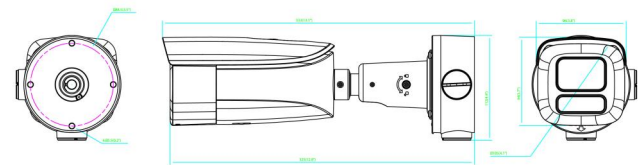
|                    |                                |
|--------------------|--------------------------------|
| <b>Regolatorio</b> |                                |
| Conformità         | CE, FCC, REACH, RoHS, UL, WEEE |

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Codifica</b>        |                                                     |
| 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  | 2688 x 1520 @ 25/30 fps                             |

|              |        |
|--------------|--------|
| <b>Lente</b> |        |
| Auto-iris    | P-iris |

|                               |                      |
|-------------------------------|----------------------|
| <b>Compatible Accessories</b> |                      |
| Back Box                      | Included with camera |

| <b>Prodotti compatibili</b> |              |                                                                                                           |
|-----------------------------|--------------|-----------------------------------------------------------------------------------------------------------|
| Categoria                   | Riferimento  | Descrizione                                                                                               |
| Staffe e Supporti           | TVD-M-CMA    | Adattatore per installazione ad angolo della staffa TruVision TVD-SNB o TVD-M2-WM, da interno ed esterno. |
| Staffe e Supporti           | TVD-M-PMA-SS | TruVision Pole Mount Adaptor, stainless steel                                                             |



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