

# TVGP-M01-0401-DOM-G

**TruVision 4MP, H.265+, Smart IP Dome camera, 30 m IR, 2.8 mm lens, grey**

## Overview

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The TruVision M-series IP dome cameras leverages the latest H.265+ video compression technology to bring state-of-the-art, high-definition pictures to the mass video surveillance market. With video resolutions from 2 Megapixel to 4K, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

The cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line detection, intrusion detection and face detection features. With its smart person/vehicle 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.

TruVision cameras utilize H.265+ and/or H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.



## Details

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- Maximum resolution: 4MP (2688 x 1520)
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 30 m IR illumination
- H.265+ compression
- ONVIF Profile G, S, T open standards
- Edge recording up to 256 GB SDHC card

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### Technical specifications

#### Generale

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Tecnologia                  | IP                                                                       |
| Standard Video              | NTSC, PAL                                                                |
| Modalità di visualizzazione | Hallway View, Mirror, ROI (Region Of Interest)                           |
| Privacy masking             | Yes                                                                      |
| Compatibilità Software      | Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser |

#### Telecamera

|                  |                    |
|------------------|--------------------|
| Sensor size      | 1/3"               |
| Risoluzione Max. | 4 MP               |
| Sensor scan      | Progressive        |
| Tipo di sensore  | CMOS               |
| Shutter time     | 1/3 to 1/100,000 s |

#### Prestazioni di illuminazione

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Tipo WDR                            | True WDR                                            |
| WDR                                 | 120 dB                                              |
| Riduzione dei disturbi digitale     | 3D DNR                                              |
| Day/night                           | True Day/Night                                      |
| Rimozione del filtro IR motorizzata | Si                                                  |
| Sensibilità del colore              | Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on |
| Infrarosso (IR)                     | Si                                                  |
| Portata IR                          | Up to 30 m                                          |
| Lunghezza d'onda IR                 | 850 nm                                              |

#### Codifica

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Video streams                  | 3                                                   |
| Compressione flusso principale | H.264, H.265, H.265+                                |
| Compressione flusso secondario | H.264, H.265, MJPEG                                 |
| Compressione del terzo flusso  | H.264, H.265                                        |
| Video bit rate                 | 32 to 8 Mbps                                        |
| Risoluzione flusso principale  | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520 |
| Risoluzioni flusso secondario  | 640 x 360 (nHD), 640 x 480 (VGA)                    |
| Risoluzione del terzo flusso   | 1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA) |
| Risoluzione Max. @ fps         | 2688 x 1520 @ 25/30 fps                             |

#### Obiettivo

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Tipo obiettivo   | Fixed                                                            |
| Lunghezza focale | 2.8 mm, Horizontal FoV 103°, vertical FoV 55°, diagonal FoV 122° |
| f-stop           | F1.6                                                             |
| Auto iris        | No                                                               |

#### Network

|                               |                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Interfaccia di rete           | RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                     |
| Integrazione                  | ONVIF Profile G, ONVIF Profile S, ONVIF Profile T                                                                                      |
| Protocolli di rete supportati | 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                                                 |
| Audio in           | 1 input (line in), two-core terminal block , max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ   |
| Audio out          | 1 output (line out), two-core terminal block , max.output amplitude: 3.3 Vpp, output impedance: 100 Ω |

#### Allarme I/O

|                         |                               |
|-------------------------|-------------------------------|
| Ingresso di allarme     | 1                             |
| Uscita di allarme       | 1 output (max. 12 VDC, 30 mA) |
| Connessione allarme I/O | Terminal block                |

#### Memoria

|                                |                                       |
|--------------------------------|---------------------------------------|
| Local storage type             | Built-in Micro SD/SDHC/SDXC card slot |
| Capacità Max. di registrazione | 256 GB                                |

#### Intelligenza Video

|                      |                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Attivazione allarme  | HDD error, HDD full, Invalid login, Conflitto di indirizzi IP, Rivelatori di movimento, Rete disconnessa, Video tampering |
| ROI                  | Support 1 fixed region for main stream and sub-stream                                                                     |
| Analisi video        | Rilevazione avanzata del movimento, Face detection, Intrusion detection, Rilevazione Line crossing, Motion detection      |
| Intelligence options | Person/vehicle detection on motion, line crossing and intrusion detection                                                 |

#### Elettrico

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Tensione di esercizio | 12 VDC, 0.4 A, PoE (802.3af, 36 to 57 V), 0.2 to 0.15 A |
| Consumo di energia    | max. 6.5 W                                              |

#### Fisico

|                    |                                    |
|--------------------|------------------------------------|
| Dimensioni fisiche | Ø110.8 × 84.7 mm<br>Ø4.4 × 3.3 in. |
| Peso netto         | 530 g<br>1.1 lb.                   |
| Peso spedizione    | 720 g<br>1.6 lb.                   |
| Colore             | Grey                               |
| Materiale          | Alluminio                          |
| Form Factor        | Dome                               |

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### Ambientale

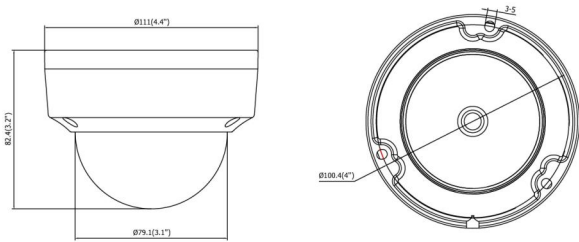
|                       |                               |
|-----------------------|-------------------------------|
| A prova di vandalo    | Yes                           |
| Valutazione impatto   | IK10                          |
| Ambiente              | Esterno                       |
| Temperatura operativa | -30 to +60°C<br>-22 to +140°F |
| Umidità relativa      | <95% noncondensing            |
| IP rating             | IP67                          |

### Normative

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

### Compatible Accessories

|              |                                                                        |
|--------------|------------------------------------------------------------------------|
| TVD-BB1      | TruVision dome back box                                                |
| DR-RWM-AD    | TruVision Adapter to be used with TVD-CB3 and TVD-M2-WM                |
| TVD-CB3      | TruVision Dome 3 inch Cup Base                                         |
| TVD-SNB      | TruVision Dome Swan Neck bracket for TVD-CB3                           |
| TVD-M-PMA-SS | TruVision Pole Mount Adaptor (Stainless Steel) to be used with TVD-SNB |
| TVD-CBW      | TruVision wall mount bracket compatible with cup bases TVD-CB3         |
| TVD-M2-WM    | TruVision Dome, Indoor wall mount                                      |
| TVD-PPB      | TruVision Dome Pendant Ceiling mount bracket for TVD-CB3               |
| TVD-BS-3S    | TruVision Smoked Dome Bubble                                           |



Unit: mm (Inch)



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