



# TVGP-M01-0801-BUL-G

TruVision 8MP/4K, H.265+, Smart IP Bullet Camera, 40 m IR, 4 mm lens, grey

## Overview

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The TruVision M-series IP bullet 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: 8MP/4K (3840 × 2160)
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 40 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

### General

|                             |  |
|-----------------------------|--|
| Technology                  | IP   |
| Estándar de Video           | NTSC, PAL  |
| Modos de pantalla           | Vista del Pasillo, Espejo, Región De Interés (ROI)                         |
| Máscaras de privacidad      | Yes  |
| Compatibilidad del software | Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Navegador Web |

### Cámara

|                        |                    |
|------------------------|--------------------|
| Tamaño del sensor      | 1/2,8"             |
| Resolución máxima      | 8 MPX (4K)         |
| Exploración del sensor | Progresivo         |
| Tipo de Sensor         | CMOS               |
| Tiempo del disparador  | 1/3 to 1/100,000 s |

### Rendimiento lumínico

|                               |   |
|-------------------------------|---|
| Tipo WDR                      | WDR Verdadero                                       |
| WDR                           | 120 dB  |
| Reducción digital de ruido    | 3D DNR  |
| Día/Noche                     | Verdadero Día/Noche                                 |
| Filtro de corte IR motorizado | Si  |
| Sensibilidad de color         | Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on |
| Infrarrojo (IR)               | Si  |
| Rango IR                      | Up to 40 m  |
| Longitud de onda del IR       | 850nm   |

### Codificación

|                                      |   |
|--------------------------------------|---|
| Flujos de video                      | 3   |
| Compresión del flujo principal       | H.264, H.265, H.265+  |
| Compresión del flujo secundario      | H.264, H.265, MJPEG   |
| Compresión del tercer flujo de video | H.264, H.265  |
| Bitrate de video                     | 32 to 16 Mbps   |
| Resoluciones del flujo principal     | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520, 3200 x 1800, 3840 x 2160 |
| Resoluciones del flujo secundario    | 640 x 360 (nHD), 640 x 480 (VGA)  |
| Compresión del tercer flujo de video | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA)      |
| Resolución máx. @ ips                | 3840 x 2160 @ 20 fps  |

### Lente

|                 |   |
|-----------------|---|
| Tipo de lente   | Fijo  |
| Distancia focal | 4 mm, horizontal FoV 87°, vertical FoV 46°, diagonal FoV 104° |
| f-stop          | F1.6  |
| Auto iris       | No  |

### Red

|                              |  |
|------------------------------|--|
| Interfaz de red              | Interfaz Ethernet autoadaptable RJ-45 de 10/100 Mbps   |
| Integración                  | ONVIF Profile G, ONVIF Profile S, ONVIF Profile T  |
| Protocolos de red soportados | 802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP |

### Almacenamiento

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Tipo almacenamiento local        | Built-in Micro SD/SDHC/SDXC card slot |
| Máx. capacidad de almacenamiento | 256 GB                                |

### Inteligencia de video

|                      |   |
|----------------------|---|
| Activador de alarma  | HDD error, HDD full, Inicio de sesión ilegal, Conflicto de direcciones IP, Detección de movimiento, Red desconectada, Tamper de video |
| ROI                  | Support 1 fixed region for main stream and sub-stream   |
| Analíticas de Video  | Detección de movimiento avanzada, Detección de rostros, Detección de intrusión, Detección de cruce de línea, Motion detection         |
| Intelligence options | Person/vehicle detection on motion, line crossing and intrusion detection   |

### Eléctrico

|                           |  |
|---------------------------|--|
| Voltaje de funcionamiento | 12 VDC, 0.5 A, PoE (802.3af, 36 to 57 V), 0.2 to 0.13 A, PoE(802.3af, class 3) |
| Consumo de corriente      | max. 7.2 W   |

### Físico

|                     |                                  |
|---------------------|----------------------------------|
| Dimensiones físicas | Ø70 x 161.7 mm<br>Ø2.8 x 6.4 in. |
| Peso neto           | 490 g<br>1.1 lb.                 |
| Peso de envío       | 724 g<br>1.6 lb.                 |
| Color               | Gris                             |
| Material            | Aluminio                         |
| Factor de forma     | Compacta                         |

### Medioambiental

|                               |                               |
|-------------------------------|-------------------------------|
| Entorno                       | Exterior                      |
| Temperatura de funcionamiento | -30 to +60°C<br>-22 to +140°F |
| Humedad relativa              | <95% noncondensing            |
| Clasificación IP              | IP67                          |

### Normativa

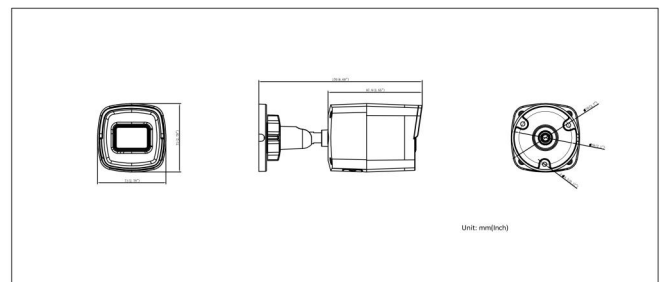
|              |                                |
|--------------|--------------------------------|
| Cumplimiento | CE, FCC, REACH, RoHS, UL, WEEE |
|--------------|--------------------------------|

### Compatible Accessories

|         |                                  |
|---------|----------------------------------|
| TVB-BB1 | TruVision Bullet Camera Back Box |
|---------|----------------------------------|

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Last updated on 17 August 2022 - 15:32