



# TVGP-M01-0201-PTZ-G

**Telecamera PTZ IP compatta TruVision da 2 MP, H.265+, IR da 50 m, zoom 10x, PoE+/12VDC, alimentatore incl.**

## Overview

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TVGP-M01-0201-PTZ-G is a compact Pan Tilt Zoom IP camera for use in both indoor and outdoor installations. The camera's 2 megapixel resolution combined with excellent low light capabilities ensures you capture the required level of detail at all times.

The camera is fully programmable, with up to 300 presets along with 8 patrol and preset tours.

The 8-zone privacy mask feature allows these cameras to block out sensitive areas. In addition, the variety of intelligence features and analytics adds substantial value and enhanced performance to any video system.

## Video intelligence

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The camera comes with a various built-in intelligent video features like line crossing detection, intrusion zone detection, region entry/exit detection and more. Some of these intelligence features can be refined further by adding person/vehicle classification to filter out unwanted events which automatically results in more efficient alarm event and storage management.

## Technology

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The camera features H.265+ compression to optimize its bandwidth and storage requirements. At the same time, H.264 which is also supported, allows the camera to be connected to legacy installations where needed.

ONVIF, PSIA and CGI command sets ensure that this camera can also be easily connected to virtually any video surveillance system.



## Details

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- 2MP resolution
- 10x optical zoom, 16x digital zoom
- IR illumination up to 50 m
- Video intelligence with person/vehicle target classification
- Built-in microphone and speaker, audio alarms supported
- Flashing white alarm LED
- H.265+ compression

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### Technical specifications

#### General

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Technology             | IP                                                                       |
| Standard Video         | NTSC, PAL                                                                |
| OSD                    | Text Overlay                                                             |
| Privacy masking        | 24 programmable polygon privacy masks, mask color or mosaic configurable |
| Compatibilità Software | TruVision Navigator, TVRmobile, Web Browser                              |

#### Camera

|                       |                   |
|-----------------------|-------------------|
| Sensor size           | 1/1.8"            |
| Risoluzione Max.      | 2 MP              |
| Sensor scan           | Progressive       |
| Tipo di sensore       | CMOS              |
| Rapporto digitale S/N | ≥ 55 dB           |
| Shutter time          | 1/1 to 1/30,000 s |

#### Lighting performance

|                                     |                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------|
| Tipo WDR                            | True WDR                                                                          |
| WDR                                 | 120 dB                                                                            |
| Day/night                           | True Day/Night                                                                    |
| Rimozione del filtro IR motorizzata | Si                                                                                |
| Sensibilità del colore              | Color: 0.005 Lux @ (F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON), 0 Lux with IR |
| Infrarosso (IR)                     | Si                                                                                |
| Portata IR                          | 50 m                                                                              |
| Lunghezza d'onda IR                 | 850nm                                                                             |

#### Encoding

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Video streams                  | 3                                                                                                             |
| Compressione flusso principale | H.264, H.264+, H.265, H.265+                                                                                  |
| Compressione flusso secondario | H.264, H.265, MJPEG                                                                                           |
| Compressione del terzo flusso  | H.264, H.265, MJPEG                                                                                           |
| Video bit rate                 | 32 to 16 Mbps                                                                                                 |
| Risoluzione flusso principale  | 1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p)                                                     |
| Risoluzioni flusso secondario  | 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)                                                            |
| Risoluzione del terzo flusso   | 1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF) |
| Risoluzione Max. @ fps         | 1920 x 1080 @ 25 fps                                                                                          |

#### Lens

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Lunghezza focale | 2.8 to 28 mm - Horizontal FoV 108 to 19.8°, vertical FoV 56.4 to 11.5° |
| f-stop           | Max. F1.3                                                              |
| Auto iris        | Si                                                                     |
| Auto focus       | Si                                                                     |
| Zoom motorizzato | Si                                                                     |

#### Pan/tilt/zoom

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Pan              | Pan speed: configurable from 0.1 to 60°/s; preset speed: 60°/s |
| Tilt             | Tilt speed: configurable from 0.1 to 50°/s, preset speed 50°/s |
| Endless pan      | No, pan range 355°                                             |
| Auto flip        | No                                                             |
| Zoom ottico      | 10x                                                            |
| Zoom digitale    | 16x                                                            |
| Posizioni preset | 300                                                            |
| Preset tours     | 8                                                              |

#### Network

|                               |                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Interfaccia di rete           | RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                  |
| Integration                   | CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T, SDK                                                                  |
| Protocolli di rete supportati | 802.1x, Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP |

#### Audio

|                    |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| Compressione audio | G.711, G.722.1, G.726, MP2L2, PCM                                     |
| Audio in           | 1 built-in microphone                                                 |
| Audio out          | 1 built-in speaker, pre-defined and custom audio alarms supported     |
| Audio bit rate     | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-192 Kbps (MP2L2) |

#### Alarm I/O

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Ingresso di allarme     | 1                                                                                         |
| Uscita di allarme       | 1 relay output, 12 VDC power output of max. 0.7 W, flashing white alarm LED, audio alarms |
| Connessione allarme I/O | Individual wires                                                                          |

#### Storage

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Local storage type             | Built-in memory card slot, support microSD/SDHC/SDXC card |
| Capacità Max. di registrazione | 256 GB                                                    |

#### Video intelligence

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Attivazione allarme | HDD error, HDD full, Invalid login, Conflitto di indirizzi IP, Rete disconnessa                                                                                                                                                             |
| ROI                 | 8 fixed regions for each stream                                                                                                                                                                                                             |
| Analisi video       | Rilevazione Audio exception, Face capture, Intrusion detection, Rilevazione Line crossing, Motion detection, Rilevazione oggetto rimosso, Rilevazione entrata in regione, Rilevazione uscita da regione, Rilevazione di bagagli incustoditi |

#### Electrical

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Tensione di esercizio | 12 VDC, PoE (802.3at)<br>12VDC adapter included (without mains lead) |
| Consumo di energia    | Max. 24 W                                                            |

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## Physical

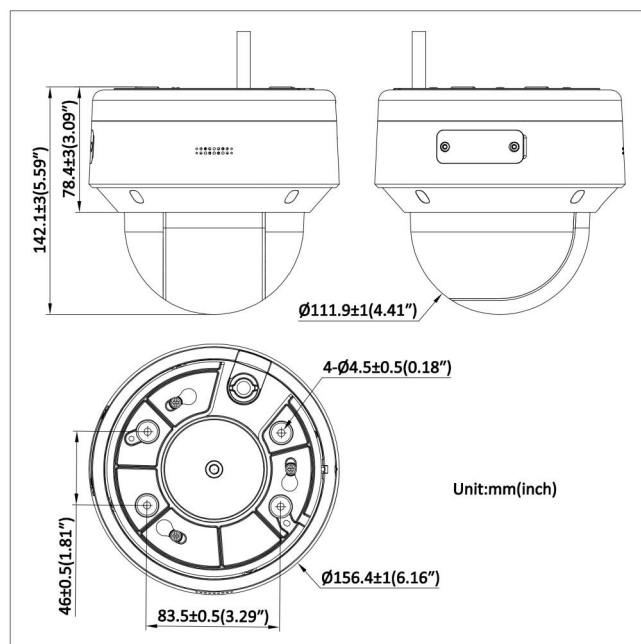
|                    |                                         |
|--------------------|-----------------------------------------|
| Dimensioni fisiche | Ø 156.4 × 142.1 mm<br>Ø 6.16 × 5.59 in. |
| Peso netto         | Approx. 1.90 kg<br>Approx. 4.19 lb.     |
| Colore             | Grey (Pantone 428c)                     |
| Materiale          | Metallo                                 |
| Form Factor        | PTZ                                     |

## Environmental

|                       |                               |
|-----------------------|-------------------------------|
| Temperatura operativa | -30 to 65 °C<br>-22 to 149 °F |
| Umidità relativa      | 90% or less non-condensing    |
| IP rating             | IP66                          |

## Regulatory

|            |                                                  |
|------------|--------------------------------------------------|
| Conformità | CE, EMC, FCC, RCM, REACH, RoHS 3, UKCA, UL, WEEE |
|------------|--------------------------------------------------|



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Last updated on 21 November 2022 - 17:20