



# TVGP-M01-0401-PTZ-G

**Telecamera PTZ IP TruVision da 4 MP, H.265+, IR da 150 m, zoom 25x, PoE+/24VAC, Staffa montaggio a parete incl.**

## Overview

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TVGP-M01-0401-PTZ-G is a Pan Tilt Zoom IP camera for use in both indoor and outdoor installations. The camera's 4 megapixel resolution combined with excellent low light capabilities and IR illumination 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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- 4MP resolution
- 25x optical zoom, 16x digital zoom
- IR illumination up to 150 m
- Video intelligence with person/vehicle target classification
- H.265+ compression
- Wall mount bracket included

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## Telecamera PTZ IP TruVision da 4 MP, H.265+, IR da 150 m, zoom 25x, PoE+/24VAC, Staffa montaggio a parete incl.

### Technical specifications

#### Generale

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

#### Telecamera

|                       |                   |
|-----------------------|-------------------|
| Sensor size           | 1/2.8"            |
| Risoluzione Max.      | 4 MP              |
| Sensor scan           | Progressive       |
| Tipo di sensore       | CMOS              |
| Rapporto digitale S/N | ≥ 52 dB           |
| Shutter time          | 1/1 to 1/30,000 s |

#### Prestazioni di illuminazione

|                                     |                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------|
| Tipo WDR                            | True WDR                                                                          |
| WDR                                 | 120 dB                                                                            |
| Day/night                           | True Day/Night                                                                    |
| Rimozione del filtro IR motorizzata | Yes                                                                               |
| Sensibilità del colore              | Color: 0.005 Lux @ (F1.6, AGC ON); B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR |
| Infrarosso (IR)                     | Yes                                                                               |
| Portata IR                          | 150 m                                                                             |
| Lunghezza d'onda IR                 | 850nm                                                                             |

#### Codifica

|                                |                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| 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), 2560 x 1440                                        |
| 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         | 2560 x 1440 @ 25 fps                                                                                          |

#### Obiettivo

|                  |                                                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Lunghezza focale | 4.8 to 120 mm - Horizontal FoV: 55 to 2.4° (wide-tele), Vertical FoV: 33 to 1.4° (wide-tele), Diagonal FoV: 61.5 to 2.8° (wide-tele) |
| f-stop           | Max. F1.6                                                                                                                            |
| Auto iris        | Yes                                                                                                                                  |
| Auto focus       | Yes                                                                                                                                  |
| Zoom motorizzato | Yes                                                                                                                                  |

#### 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      | Yes                                                             |
| Auto flip        | Yes                                                             |
| Zoom ottico      | 25x                                                             |
| Zoom digitale    | 16x                                                             |
| Posizioni preset | 300                                                             |
| Preset tours     | 8                                                               |
| Shadow tours     | 4                                                               |

#### 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 |
| Simultaneous live view        | Up to 20 channels                                                                                                                   |

#### Audio

|                    |                                                                                 |
|--------------------|---------------------------------------------------------------------------------|
| Compressione audio | G.711, G.722.1, G.726, MP2L2, PCM                                               |
| Audio in           | 1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10% |
| Audio out          | 1 output (line out), line level, output impedance: 600 Ω                        |
| Audio bit rate     | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-192 Kbps (MP2L2)           |

#### Allarme I/O

|                     |   |
|---------------------|---|
| Ingresso di allarme | 2 |
| Uscita di allarme   | 1 |

#### Memoria

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

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## Intelligenza Video

|                      |                                                                                                                                                                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                        |
| Intelligence options | Face capture: can detect up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of faces in motion, and generates the best face picture.<br>Person/vehicle filtering: these options can be configured on line crossing, intrusion detection, region entry/exit detection. |

## Elettrico

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Tensione di esercizio | 24VAC, PoE (802.3at)                                            |
| Consumo di energia    | Max. 24 W (including max. 9 W for IR and max. 1.6 W for heater) |

## Fisico

|                    |                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Dimensioni fisiche | Ø 210 × 344.7 mm<br>Ø 8.27 × 13.57 in.                                                                                             |
| Peso netto         | Approx. 3.0 kg<br>Approx. 6.61 lb.                                                                                                 |
| Colore             | Grey (Pantone 428c)                                                                                                                |
| Materiale          | Metallo                                                                                                                            |
| Form Factor        | PTZ                                                                                                                                |
| Montaggio          | Corner mount (requires additional accessory), Montaggio a pendente, Pole mount (requires additional accessory), Montaggio a parete |

## Ambientale

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

## Normative

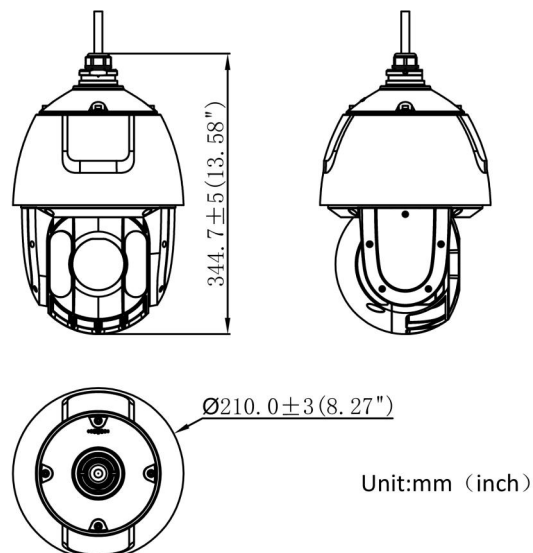
|            |                                                  |
|------------|--------------------------------------------------|
| Conformità | CE, EMC, FCC, RCM, REACH, RoHS 3, UKCA, UL, WEEE |
|------------|--------------------------------------------------|

## General

Plugin-free web browser Google Chrome, Mozilla Firefox support

## Compatible accessories

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Wall mount bracket | Included                                                                     |
| TVMI-PM            | TruVision pendant mount bracket, 57 mm / 2.24"                               |
| TVMI-PM2           | TruVision pendant mount bracket, 200 mm / 7.87"                              |
| TVMI-PM3           | TruVision pendant mount bracket, 500 mm / 19.7"                              |
| TVMI-PMA           | TruVision pendant mount extension pipe, 500 mm / 19.68"                      |
| TVP-WM-CM          | Corner mount: use included wall mount bracket in combination with TVP-WM-CM  |
| TVP-WM-PM          | Pole mount: use included wall mount bracket in combination with TVP-WM-PM    |
| TVP-CMB-01         | TruVision corner mount with connection box for P and M Series IP PTZ cameras |
| TVP-PMB-01         | TruVision pole mount with connection box for P and M Series IP PTZ cameras   |



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