

# TVP-1122

**TruVision 2 MPX, PAL, Pan/Tilt/Zoom Dome Pendant Outdoor, CMOS, True D/N, DWDR, Motorized IR Cut Filter, H.264, ONVIF/PSIA, 30X optical zoom, 150m IR Range, SDHC card**

## Overview

TruVision IP Full HD 2 MPX IR PTZ gives you a full-functional dome that allows you to enjoy all the benefits of a PTZ solution in high definition.

## PTZ technology

This series of H.264 PTZ solutions makes use of the latest available technology that allows the dome to be installed in a wide range of applications and environmental conditions. They are available with IP66-rated standard outdoor pendant housings as well as flush and surface-mount indoor housings.

This latest PTZ solution is equipped with high quality progressive scan imaging technology.

## Compression & streaming

The TruVision Full HD IP IR PTZ camera uses H.264 compression technology with dual-streaming capability, making it easy to manage the camera's bandwidth usage. Fully designed to adhere to the ONVIF and PSIA open communication standards as well as supporting a CGI command set, the camera allows for simple integration into any IP system. Video streams can be set up for high or low bandwidth, and images can be streamed for live viewing or sent to a designated recording location.

## Additional Features

**ROI** - This feature helps you to optimize image bandwidth and storage. You can select an important area of detail or ROI (Region of interest) in a stream, such as a number plate or face. The ROI area will have a higher quality image and the non-ROI areas will have a lower image quality thereby saving bandwidth.

**Intelligent tracking** - This is used to track a moving object or person in a selected region.



## Details

- 1/2.8" Progressive Scan CMOS
- 2 MPX Full HD sensor
- Full HD 1080p Real-Time
- H.264 Advanced compression technology
- ONVIF/PSIA/CGI compliant
- Models include 7 alarm inputs and 2 relay output
- 256 preset positions, 8 preset tours and 4 shadow tours
- 360° endless rotation
- 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- Auto-flip image
- Intelligent tracking
- Built-in SDHC card slot
- For pendant mount
- Bracket is not included
- IP66 rated
- Compatible with GEA and UVP accessories
- Up to 150 m Smart IR
- Defog

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## Technical specifications

### General

|                        |                                                |
|------------------------|------------------------------------------------|
| Technology             | IP                                             |
| Video standard         | PAL                                            |
| Privacy masking        | 24                                             |
| Video output           | BNC Composite                                  |
| Software compatibility | OnGuard, Prism, TruVision Navigator, TVRmobile |

### Camera

|                   |                 |
|-------------------|-----------------|
| Sensor size       | 1/2.8"          |
| Max. resolution   | 2 MPX           |
| Sensor scan       | Progressive     |
| Sensor type       | CMOS            |
| Digital S/N ratio | ≥ 55 dB         |
| Shutter time      | 1 to 1/30,000 s |

### Lighting performance

|                         |                                         |
|-------------------------|-----------------------------------------|
| WDR type                | Digital WDR                             |
| Digital noise reduction | 3D DNR                                  |
| Day/night               | True Day/Night                          |
| Motorized IR cut filter | Yes                                     |
| Color sensitivity       | 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) |
| B/W sensitivity         | 0 lux with IR                           |
| B/W trigger             | 1 lux with IR                           |
| Infrared (IR)           | Yes                                     |
| IR range                | Up to 150 m                             |

### Encoding

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Sub stream compression  | H.264, MJPEG                                              |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 1280 x 960 (720p) |
| Sub stream resolutions  | 176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)       |
| Max. resolution @ fps   | 1920 x 1080 @ 25 fps                                      |

### Lens

|                |               |
|----------------|---------------|
| Lens type      | Varifocal     |
| Focal length   | 4.3 to 129 mm |
| f-stop         | 1.6 to 5.0    |
| Auto iris      | Yes           |
| Auto focus     | Yes           |
| Motorized zoom | Yes           |

### Pan/tilt/zoom

|                         |                                                            |
|-------------------------|------------------------------------------------------------|
| Pan                     | Pan Manual Speed: 0.1° - 160°/s, Pan Preset Speed: 240°/s  |
| Tilt                    | Tilt Manual Speed: 0.1°- 120°/s, Tilt Preset Speed: 200°/s |
| Endless pan             | 360°endless                                                |
| Auto flip               | Yes                                                        |
| Optical zoom            | 30X                                                        |
| Digital zoom            | 16X                                                        |
| Preset positions        | 256                                                        |
| Preset tours            | 8                                                          |
| Shadow tours            | 4                                                          |
| Supported PTZ protocols | Pelco-D, Pelco-P, TruVision RS-422, TruVision RS-485       |

### Network

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Integration                 | CGI, ONVIF, PSIA                                                                                            |
| Supported network protocols | 802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP |

### Audio

|                   |              |
|-------------------|--------------|
| Audio compression | G.711, G.726 |
| Audio in          | 1            |
| Audio out         | 1            |

### Alarm I/O

|               |   |
|---------------|---|
| Alarm inputs  | 7 |
| Alarm outputs | 2 |

### Storage

|                       |                                       |
|-----------------------|---------------------------------------|
| Local storage support | No                                    |
| Local storage type    | Built-in Micro SD/SDHC/SDXC card slot |
| Max. storage capacity | 64GB                                  |

### Video intelligence

|                      |                  |
|----------------------|------------------|
| Alarm trigger        | Motion detection |
| Intelligent tracking | Yes              |

### Electrical

|                    |                                 |
|--------------------|---------------------------------|
| Power supply type  | PoE+ in                         |
| Power supply value | 24VAC                           |
| Power consumption  | 24 VAC: 60W max Hi-PoE: 50W max |

### Physical

|                     |               |
|---------------------|---------------|
| Physical dimensions | 245 x 371 mm  |
| Net weight          | 6 kg          |
| Form Factor         | PTZ           |
| Mount               | Pendant mount |

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## Environmental

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| Vandal proof           | No                                                                                         |
| Environment            | Outdoor                                                                                    |
| Operating temperature  | 24 VAC: -40 to 65°C<br>24 VAC: -40 to 149°F<br>Hi-PoE: -30 to 65°C<br>Hi-PoE: -22 to 149°F |
| Cold start temperature | 24 VAC: -40°C Hi-PoE: -30°C                                                                |
| IP rating              | 66                                                                                         |

## Regulatory

|            |                                              |
|------------|----------------------------------------------|
| Compliance | C-tick, CE, FCC, HALT, REACH, RoHS, UL, WEEE |
|------------|----------------------------------------------|



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Last updated on 30 January 2020 - 15:53



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