

TVP-5102

TruVision compact 2 MPX IP PTZ camera, Outdoor, Pendant/Wall Mount, True D/N, WDR, IR Cut, 150m IR, H.265, H.264, ONVIF/PSIA, 20X Optical zoom, SDHC Card slot, Hi-PoE/24VAC

Overview

The TVP-5102 compact PTZ is a compact size pan tilt zoom 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 tours (32 presets per tour).

A 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.

Technology

The camera features H.265 compression to optimise its bandwidth and storage requirements. At the same time, H.264 support ensures the camera can easily 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

- 2 MPX resolution for optimal details
- H.265 compression
- Compact design for discreet indoor & outdoor installation
- 20x optical zoom
- Built-in IR illumination, up to 150 m
- Operates in wide temperature range from -30 °C to +65°C
- Includes intelligent video analytics
- Fits range of TruVision PTZ accessories, including wall and pendant mount
- Compatible with optional mounting brackets: TVP-WMB wall mount, TVP-WM-PM pole mount, TVP-WM-CM corner mount

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Technical specifications

Camera

| | |
|--------------------------|--|
| Sensor size | 1/2.8" |
| Max. resolution | 2 MPX |
| Sensor scan | Progressive |
| Sensor type | CMOS |
| Effective pixels (H x V) | 1920 x 1080 |
| Digital S/N ratio | >50 dB (AGC Off) |
| Shutter time | 50Hz: 1 to 1/30,000s; 60Hz: 1 to 1/30,000s |

Lighting performance

| | |
|-------------------------|--|
| WDR type | True WDR |
| WDR | 120 dB |
| Digital noise reduction | 3D-NR |
| Day/night | True Day/Night |
| Motorized IR cut filter | Yes |
| Color sensitivity | 0.05 lux @ f1.6, AGC On |
| B/W sensitivity | 0.01 lux (0 lux with IR) |
| Infrared (IR) | Yes |
| IR range | 150 m automatically adjusted depending on zoom ratio |
| IR wavelength | 850 nm |

Encoding

| | |
|-------------------------|---|
| Video streams | 3 |
| Main stream compression | H.264, H.265 |
| Sub stream compression | H.264, H.265, MJPEG |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 1280 x 960 (720p) |
| Sub stream resolutions | 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF) |
| Max. resolution @ fps | 1920 x 1080 (30fps / 25fps) |

Lens

| | |
|----------------|--------------|
| Lens type | Varifocal |
| Focal length | 4.7 to 94 mm |
| f-stop | f1.6 to f3.5 |
| Auto iris | Yes |
| Auto focus | Yes |
| Motorized zoom | Yes |

Pan/tilt/zoom

| | |
|------------------|---|
| Pan | 360° endless |
| Tilt | From -15° to 90° |
| Endless pan | Yes |
| Auto flip | Yes |
| Optical zoom | 20X |
| Digital zoom | 16X |
| Preset positions | 300 |
| Preset tours | 8 patrols, up to 32 presets per patrol |
| Shadow tours | 4 patterns, with the recording time not less than 10 minutes per platform |

Network

| | |
|-----------------------------|--|
| Supported video standards | CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, PSIA standards |
| Supported network protocols | 802.1x, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP |

Audio

| | |
|-------------------|--|
| Audio compression | G.711A, G.711U, G.722, G.726, MP2L2 |
| Audio in | 1 Mic in / Line in interface, line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10% |
| Audio out | 1 Audio output interface, line level, impedance: 600Ω |

Storage

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| Local storage support | Yes |
| Local storage type | Micro SD/SDHC/SDXC (card not included) |
| Max. storage capacity | Up to 128 GB |

Video intelligence

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|-----------------|---|
| Alarm trigger | Motion detection, Privacy Masking, Video tampering |
| Video analytics | Audio exception detection, Intrusion detection, Line crossing detection |

General

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|-----------------|--|
| Technology | IP |
| Video standard | NTSC, PAL |
| OSD | Text Overlay |
| Display modes | ROI (Region Of Interest) |
| Privacy masking | 8 privacy masks programmable; optional multiple colors and mosaics |
| Video output | BNC Composite PAL 1.0 Vp-p @ 75 Ohm |

Electrical

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| Operating voltage | 24 VAC Hi-PoE |
| Power consumption | 32 W |
| Current consumption | Max. 2.2 A |

Physical

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|---------------------|---------------------------------|
| Physical dimensions | 185 x 330 mm 7.28 x 2.99 in. |
| Net weight | 4 kg 8.82 lbs. |
| Colour | Grey (Pantone 428c) |
| Form Factor | Dome, PTZ |

Environmental

| | |
|-----------------------|-------------------------------|
| Operating temperature | -30 to 65 °C -22 to 149 °F |
| Relative humidity | ≤ 90% noncondensing |
| Environment | Outdoor |
| IP rating | IP66 |

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Regulatory

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