

# 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), 1280 x 960 (720p), 1920 x 1080 (1080p)
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

Integration	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, PSIA
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

### Alarm I/O

Alarm inputs	2
Alarm outputs	1

### Storage

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

### Video intelligence

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

### General

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

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

### Physical

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	PTZ

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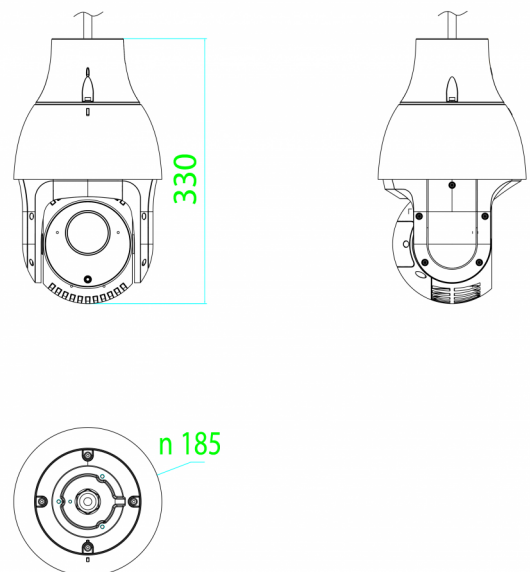
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## Environmental

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

## Regulatory

Compliance	CE, FCC, REACH, RoHS, UL, WEEE
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Unit:mm

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