

# TVP-5105

**TruVision 2 MPX IP PTZ camera, Outdoor, Pendant/Wall Mount, Super Low Light, True D/N, WDR, 200m IR, H.265, H.264, ONVIF/PSIA, 36X Optical zoom, SDHC Card slot, Hi-PoE/24VAC**

## Overview

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The TruVision TVP-5105 IR PTZ provides a robust and reliable solution to various installation conditions. Its super low light performance provides high quality color images in challenging conditions while its smart IR functionality ensures optimal use of IR illumination when in black & white mode. 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 24-zone privacy mask feature allows the camera to block out sensitive areas. In addition, the variety of intelligence features adds substantial value and enhanced performance to any video system.

The PTZ provides compatibility with previous UTC mounting brackets as well as recording systems to ensure backward compatibility for easy service and installation.

## Technology

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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

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- 2 MPX resolution for optimal details
- H.265 compression
- 36x optical zoom
- Smart IR illumination - up to 200m
- Super low light performance
- IK10 & IP66 rating for rugged in- & outdoor use
- Intelligent video analytics
- Wall mount accessories available
- Compatible with optional mounting brackets: TVP-WMB wall mount, TVP-WM-CM corner mount, TVP-WM-PM pole mount

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## Technical specifications

### Camera

Sensor size	1/1.9"
Max. resolution	2 MPX
Sensor scan	Progressive
Sensor type	CMOS
Effective pixels (H x V)	1920 x 1080 (30fps / 25fps)
Digital S/N ratio	>52 dB
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	3DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.002 lux @ f1.5, AGC on
B/W sensitivity	0.0002 lux
Infrared (IR)	Yes
IR range	200 m (656 ft.) 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	1080p @ 25 fps
3rd Stream	1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 352 x 288, 640 x 480

### Lens

Lens type	Motorized
Focal length	5.7 to 205.2 mm
f-stop	f1.5 to f4.5
Auto focus	Yes
Motorized zoom	Yes

### Pan/tilt/zoom

Pan	360° endless
Tilt	-20 to 90°
Auto flip	Yes
Optical zoom	36X
Digital zoom	16X
Preset positions	300
Preset tours	8 with 32 presets per tour
Shadow tours	4 with maximum 10 minutes per tour

### Network

Supported video standards	CGI, ONVIF Profile G, ONVIF Profile S, PSIA
Supported network protocols	802.1x, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP, 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[rms]; output impedance: 1KΩ, ±10%
Audio out	1 Audio output interface, line level, impedance: 600Ω

### Alarm I/O

Alarm inputs	7
Alarm outputs	2

### Storage

Local storage type	Micro SD/SDHC/SDXC slot (card not included)
Max. storage capacity	up to 128GB

### Video intelligence

Video analytics	Audio exception detection, Face detection, Intelligent tracking, Intrusion detection, Line crossing detection, Object removal detection, Region entrance detection, Region exiting detection, Smart IR, Unattended baggage detection
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### General

Technology	IP
Video standard	NTSC, PAL
OSD	Text Overlay
Privacy masking	24 privacy masks programmable; optional multiple colors and mosaics
Video output	BNC Composite PAL / NTSC

### Electrical

Operating voltage	24 VAC
	Hi-PoE
Power consumption	60W
Current consumption	Max. 3A

### Physical

Physical dimensions	266 x 396 mm 10.5 x 15.61 in.
Net weight	8 kg 17.64 lbs.
Form Factor	PTZ
Mount	Pendant mount, Wall mount

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## Environmental

Vandal proof	Yes
Operating temperature	-40 to 65°C -40 to 149°F
Relative humidity	≤ 90% noncondensing
Environment	Indoor / Outdoor
IP rating	IP66
Impact rating	IK10

## Regulatory

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