

TVP-5101

TruVision Compact 2 MPX IP PTZ camera, Indoor, Pendant/Wall Mount, True D/N, DWDR, IR Cut, 20m IR, H.265, H.264, ONVIF/PSIA, 4X Optical zoom, SDHC Card slot, PoE/12VDC

Overview

The TruVision® 2MPx IP Compact PTZ camera delivers the benefits of a PTZ solution while offering high definition image capture. This PTZ camera has advanced technology and can be used for a wide range of indoor applications.

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 / H.264 compression
- Compact design for discreet indoor installation
- 4x optical zoom, 16x digital
- IR illumination up to 20 m
- 350° pan range
- Includes intelligent video analytics
- Compatible with optional wall mount bracket TVP-CWM

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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 1/10,000s; 60Hz: 1 to 1/10,000s

Lighting performance

WDR type	Digital WDR
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.05 lux @ f2.0, AGC On
B/W sensitivity	0.005 lux (0 lux with IR)
IR range	20 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)
3rd Stream	50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 352 x 288, 640 x 480)

Lens

Lens type	Varifocal
Focal length	2.8 to 12 mm (f1.8 to f2.5)
f-stop	1.8 to 2.5
Auto iris	Yes
Auto focus	Yes

Pan/tilt/zoom

Pan	350° maximum (it does not pan 360°); Manual Speed: 0.1° to 60°/sec
Tilt	0 to 90°; Manual Speed: 0.1° to 50°/sec
Optical zoom	4X
Digital zoom	16X
Preset positions	300
Preset tours	8 tours, 32 presets per tour
Shadow tours	4 shadow tours, 10 minutes per tour

Network

Supported video standards	CGI, ONVIF, PSIA
Supported network protocols	802.1x, DDNS, DNS, ezDDNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Ethernet/IP	802.1x, Qos, IPv4 / IPv6

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	1
Alarm outputs	1

Storage

Local storage type	Micro SD/SDHC/SDXC
Max. storage capacity	up to 128 GB

Video intelligence

Video analytics	Audio exception detection, Intrusion detection, Line crossing detection
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General

Technology	IP
Video standard	NTSC, PAL
OSD	Text Overlay
Privacy masking	8 privacy masks programmable; optional multiple colors and mosaics
Supported accessories	TVP-CWM wall mount bracket

Electrical

Operating voltage	12 VDC PoE
Power consumption	9 W
Current consumption	Max. 1.1 A

Physical

Physical dimensions	125 x 137 mm 4.92 x 5.38 in.
Net weight	0.65 Kg 1.4 lbs.
Colour	Grey (Pantone 428c)
Form Factor	Dome, PTZ

Environmental

Operating temperature	-10 to 50° C -14 to 122°F
Relative humidity	≤ 90% noncondensing
Environment	Indoor

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Regulatory

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