

DATASHEET



TVGP-P01-0401-PTZ-G

TruVision 4MP IP PTZ camera

MAIN FEATURES

- TruVision 4MP IP PTZ camera
- H.265+
- 400 m IR
- 42x optical zoom
- IP67
- IK10
- Hi-PoE / 24 VAC

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	24 VAC, Hi-PoE
Power consumption	24 VAC: Max. 60 W, including max. 18 W for IR and max. 6 W for heater Hi-PoE: Max. 50 W, including max. 18 W for IR and max. 6 W for heater

Inputs / outputs

Alarm inputs	7
Alarm outputs	2

Physical characteristics

Sensor size	1/1.8"
Color sensitivity	Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR
Physical dimensions	Ø 266.6 × 410 mm Ø 10.5 × 16.14 in.
Net weight	Approx. 8 kg Approx. 17.64 lb.
Colour	Grey (Pantone 428c)
Material	Metal

Environmental characteristics

Operating temperature	-40 to 70°C -40 to 158°F
Relative humidity	95% or less, noncondensing
IP rating	IP67

Other characteristics

TVGP-P01-0401-PTZ-G

TECHNICAL SPECIFICATIONS

Technology	IP
Video standard	NTSC, PAL
OSD	Text Overlay
Image settings	BLC, De-Fog, HLC
Privacy masking	24 programmable polygon privacy masks, mask color or mosaic configurable
Software compatibility	TruVision Navigator, TVRmobile, Web Browser
Plugin-free web browser support	Google Chrome, Mozilla Firefox
Max. resolution	4 MP
Sensor scan	Progressive
Sensor type	CMOS
Shutter time	1/1 to 1/30,000 s
WDR type	True WDR
WDR	140 dB
Digital noise reduction	≥52 dB
Day/night	True Day/Night
Motorized IR cut filter	Yes
Infrared (IR)	Yes
IR range	400 m
IR wavelength	850 nm
Video streams	3
Main stream compression	H.264, H.264+, H.265, H.265+
Sub stream compression	H.264, H.265, MJPEG
Third stream compression	H.264, H.265, MJPEG
Video bit rate	32 Kbps to 16 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 2560 x 1440
Sub stream resolutions	352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Third stream resolutions	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)
Max. resolution @ fps	2560 x 1440 @ 25 fps
Focal length	6.0 to 252 mm - Horizontal FoV 56.6 to 1.7°, vertical FoV 33.7 to 0.9°, Diagonal FoV 63.4 to 1.9°
f-stop	Max. F1.2
Auto iris	Yes
Auto focus	Yes
Motorized zoom	Yes
Rapid focus	Yes
Zoom speed	Approx. 4.5 s

TVGP-P01-0401-PTZ-G

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Pan	Pan range: 360°, Pan speed: configurable from 0.1 to 210°/s, preset speed 280°/s
Tilt	Tilt range: -20 to 90° (auto-flip), Tilt speed: configurable from 0.1 to 150°/s, preset speed 250°/s
Optical zoom	42x
Digital zoom	16x
Preset positions	300
Preset tours	8 with 32 presets per tour
Shadow tours	4 with up to 10 minutes per tour
Supported PTZ protocols	Pelco-D, Pelco-P
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T, SDK
Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP
Simultaneous live view	Up to 20 channels
Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio in	1 input (line in), max. input amplitude: 2-2.4 Vpp, input impedance: 1 K Ω $\pm$ 10%
Audio out	1 output (line out), line level, output impedance: 600 Ω
Audio bit rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
Local storage type	Built-in memory card slot, support microSD/SDHC/SDXC card
Max. SD card capacity	256 GB
Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Network disconnected
ROI	8 fixed regions for each stream
Smart event	ANPR capture, Audio exception detection, Face capture, Face comparison, Intrusion detection, Line crossing detection, Motion detection, Object removal detection, Region entrance detection, Region exiting detection, Unattended baggage detection
Intelligence options	Person/vehicle classification on VCA events. Face capture: can detect up to 30 faces simultaneously. Supports detecting, capturing, grading, selecting of faces in motion, and generates the best face picture.
Intelligent tracking	Yes
Form Factor	PTZ
Mount	Corner mount (requires additional accessory), Pendant mount (requires additional accessory), Pole mount (requires additional accessory), Wall mount (requires additional accessory)
Impact rating	IK10
Compliance	CE, EMC, FCC, RCM, REACH, RoHS 3, UKCA, UL, WEEE

TVGP-P01-0401-PTZ-G

TECHNICAL SPECIFICATIONS

Category
Brackets & Mounts

Reference
TVMI-PM