

DATASHEET



TVGP-M01-0402-PTZ-G

TruVision 4MP Compact IP PTZ camera

MAIN FEATURES

- TruVision 4MP Compact IP PTZ camera
- H.265+
- 100 m IR
- 25x zoom
- PoE+ / 12 VDC
- wall mount & PSU incl.

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC, PoE (802.3at) 12 VDC adapter included (without mains lead)
Power consumption	Max. 18 W, including max. 1.6 W for heater and 9 W for IR

Inputs / outputs

Alarm inputs	1
Alarm outputs	1

Physical characteristics

Sensor size	1/2.8"
Color sensitivity	Color: 0.005 Lux @ (F1.6, AGC ON)
Physical dimensions	Ø 164.5 × 290 mm Ø 6.48 × 11.42 in.
Net weight	Approx. 2.0 kg Approx. 4.41 lb.
Colour	Grey (Pantone 428c)
Material	Aluminium

Environmental characteristics

Operating temperature	-30 to 65°C -22 to 149°F
Relative humidity	90% or less, noncondensing
IP rating	IP66

Other characteristics

Technology	IP
Video standard	NTSC, PAL

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TECHNICAL SPECIFICATIONS

OSD	Text Overlay
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
Digital S/N ratio	≥52 dB
Shutter time	1/1 to 1/30,000 s
WDR type	True WDR
WDR	120 dB
Day/night	True Day/Night
Motorized IR cut filter	Yes
B/W	0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR
Infrared (IR)	Yes
IR range	100 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 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	4.8 to 120 mm - Horizontal FoV: 55 to 2.4° (wide-tele), Vertical FoV: 33 to 1.4° (wide-tele), Diagonal FoV: 61.5 to 2.8° (wide-tele)
f-stop	Max. F1.6
Auto iris	Yes
Auto focus	Yes
Motorized zoom	Yes
Pan	Pan speed: configurable from 0.1° to 60°/s
preset speed	60°/s
Tilt	Tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s
Endless pan	Yes

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Auto flip	Yes
Optical zoom	25x
Digital zoom	16x
Preset positions	300
Preset tours	8
Shadow tours	4
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, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP
Simultaneous live view	Up to 20 channels
Audio compression	G.711, 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)/32-192 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	Audio exception detection, Face capture, Intrusion detection, Line crossing detection, Motion detection, Object removal detection, Region entrance detection, Region exiting detection, Unattended baggage detection
Intelligence options	Face capture: can detect up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of faces in motion, and generates the best face picture. Person/vehicle filtering: these options can be configured on line crossing, intrusion detection, region entry/exit detection.
Form Factor	PTZ
Mount	Corner mount (requires additional accessory), Flush mount (requires additional accessory), Pendant mount (requires additional accessory), Pole mount (requires additional accessory), Wall mount
Compliance	CE, EMC, FCC, RCM, REACH, RoHS 3, UKCA, UL, WEEE
Wall mount bracket	Included
Category	Reference
Brackets & Mounts	TVMI-PM