

DATASHEET

TVGP-P01-0801-DOM-G

TruVision™ 8MP

MAIN FEATURES

- TruVision™ 8MP
- Extreme Low Light
- IP Dome Camera
- 2.8-12 mm Lens
- grey

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 25%, 0.9 A, 24 VAC $\pm$ 20%, 0.75 A, two-core terminal block, PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A
Power consumption	12 VDC, 0.9 A, max. 10.8 W, 24 VAC, 0.75 A, max. 10.8 W, PoE: 802.3at, max. 12.9 W

Inputs / outputs

Alarm inputs	2
Alarm outputs	2 outputs (24 VAC/VDC, 1A max)

Physical characteristics

Sensor size	1/1.8"
Color sensitivity	Color: 0.004 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Physical dimensions	Ø162 × 141.8 mm Ø6.4 × 5.6 in.
Net weight	1420 g 3.1 lb.
Shipping weight	2058 g 4.5 lb.
Colour	Grey

Environmental characteristics

Environment	Outdoor
Operating temperature	-40 to +60°C -40 to +140°F
Relative humidity	<95% noncondensing
IP rating	IP67

Other characteristics

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TECHNICAL SPECIFICATIONS

Technology	IP
Video standard	NTSC, PAL
Image settings	De-Fog, Hallway View, Mirror, ROI (Region Of Interest)
Privacy masking	Yes
Software compatibility	Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser
Max. resolution	8 MP (4K)
Sensor scan	Progressive
Sensor type	CMOS
Shutter time	1/3 s to 1/100,000 s
WDR type	True WDR
WDR	120 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Infrared (IR)	Yes
IR range	Up to 40 m
IR wavelength	850 nm
Video streams	4
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
Video bit rate	32 to 16 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520, 3200 x 1800, 3840 x 2160
Sub stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Third stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA)
4th stream compression	H.265, H.264, MJPEG
4th stream resolutions	1280 x 720 (XVGA), 640 x 480 (VGA), 640 x 360 (nHD)
Max. resolution @ fps	3840 x 2160 @ 25/30 fps
Lens type	Varifocal motorized
Focal length	2.8 to 12 mm: horizontal FoV 112 to 41°, vertical FoV 58 to 23°, diagonal FoV 137 to 47°
Auto focus	Yes
Motorized zoom	Yes
Auto-iris	P-iris
Detection	87 to 216 m
Observation	34.5 to 85 m

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Recognition	17.4 to 43.2 m
Identification	8.7 to 21.6 m
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP
Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM
Audio in	1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω ,
Audio out	1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω
Local storage support	Yes
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	256 GB
Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Network disconnected, Video tampering
ROI	5 fixed regions for main stream and sub-stream
Smart event	Advanced motion detection, Audio exception detection, Defocus, Face capture, Intrusion detection, Line crossing detection, Object removal detection, People counting, People management, Region entrance detection, Region exiting detection, Scene change detection, Unattended baggage detection
Intelligence options	Person/vehicle detection on motion, line crossing, intrusion detection, region entrance detection and region exit detection
Form Factor	Dome
Vandal proof	Yes
Impact rating	IK10
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Category	Reference
Brackets & Mounts	TVD-CB9