

DATASHEET

TVGP-P01-0402-BUL-G

TruVision™ 4MP

MAIN FEATURES

- TruVision™ 4MP
- Extreme Low Light
- IP Bullet Camera
- 8-32 mm Lens
- grey

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 25%, 1.20 A, 24 VAC $\pm$ 20%, 1.03 A, max. 14 W, two-core terminal block, PoE: 802.3at, Class 4, 42.5 V to 57 V, 0.4 A to 0.3 A, max. 17 W
Power consumption	12 VDC, 1.20 A, max. 14 W, 24 VAC, 1.03 A, max. 14 W, PoE: 802.3at, max. 17 W

Inputs / outputs

Alarm inputs	3
Alarm outputs	3 outputs (24 VAC/VDC, 1 A max.)

Physical characteristics

Sensor size	1/1.8"
Color sensitivity	Color: 0.0014 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Physical dimensions	Ø105 mm $\times$ 340.7 mm (Ø4.1 $\times$ 13.4 in.)
Net weight	1455 g (2.9 lb.)
Shipping weight	2256 g (4.9 lb.)
Colour	Grey

Environmental characteristics

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

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Other characteristics

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	4 MP
Sensor scan	Progressive
Sensor type	CMOS
Shutter time	1/3 s to 1/100,000 s
WDR type	True WDR
WDR	140 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Infrared (IR)	Yes
IR range	Up to 80 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 8 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520
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	2688 x 1520 @ 25/30 fps
Lens type	Varifocal motorized
Focal length	8 to 32 mm: horizontal FoV 42.5 to 15.2°, vertical FoV 23.4 to 8.7°, diagonal FoV 49.7 to 17.3°
P-iris	Yes
Auto focus	Yes
Motorized zoom	Yes
Detection	150.3 to 400 m

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Observation	59.7 to 158.7 m
Recognition	30.1 to 80 m
Identification	15 to 40 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
Storage options	NAS (NFS, SMB/CIFS)
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	Bullet
Vandal proof	Yes
Impact rating	IK10
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Back Box	Included with camera
Category	Reference
Brackets & Mounts	TVD-M-CMA