

DATASHEET



TVGP-M01-0402-BUL-B

TruVision 4MP

MAIN FEATURES

- TruVision 4MP
- H.265+
- Smart IP Bullet camera
- 60 m IR
- 2.8 to 12 mm lens
- black

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC, 1.08 A, PoE: (802.3at, 42.5 to 57 V), 0.36 to 0.27 A
Power consumption	max. 15 W

Inputs / outputs

Alarm inputs	1
Alarm outputs	1 (max. 12 VDC, 30 mA)

Physical characteristics

Sensor size	1/3"
Color sensitivity	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Physical dimensions	308.5 × 97.9 × 93 mm12.2 × 3.9 × 3.7 in.
Net weight	1390 g3.1 lb.
Shipping weight	1961 g4.3 lb.
Colour	Black

Environmental characteristics

Environment	Outdoor
Operating temperature	-30 to +60°C-22 to +140°F
Relative humidity	<95% noncondensing
IP rating	IP67

Other characteristics

Technology	IP
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TECHNICAL SPECIFICATIONS

Video standard	NTSC, PAL
Image settings	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 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 60 m
IR wavelength	850 nm
Video streams	3
Main stream compression	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	640 x 360 (nHD), 640 x 480 (VGA)
Third stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Max. resolution @ fps	2688 x 1520 @ 25/30 fps
Lens type	Varifocal motorized
Focal length	2.8 to 12 mm (Horizontal FoV 95.8° to 29.2°, vertical FoV 50.6° to 16.4°, diagonal FoV 114.6° to 33.4°)
f-stop	F1.6
Auto iris	No
Auto focus	Yes
Motorized zoom	Yes
Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	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

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Audio in	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω
Audio out	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω
Alarm I/O connection	Terminal block
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, Motion detection, Network disconnected, Video tampering
ROI	Support 1 fixed region for main stream and sub-stream
Smart event	Advanced motion detection, Face detection, Intrusion detection, Line crossing detection, Motion detection
Intelligence options	Person/vehicle detection on motion, line crossing and intrusion 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-PMA-SS-B