

DATASHEET



TVGP-M01-0802-TUR-G

TruVision 8MP/4K

MAIN FEATURES

- TruVision 8MP/4K
- H.265+
- Smart IP Turret Camera
- 40 m IR
- 2.8 to 12 mm lens
- grey

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC, 0.92 A, PoE: (802.3af, 36 to 57 V), 0.35 to 0.22 A
Power consumption	max. 12.5 W

Inputs / outputs

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

Physical characteristics

Sensor size	1/2.8"
Color sensitivity	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Physical dimensions	Ø138.3 × 126 mm Ø5.4 × 5.0 in.
Net weight	830 g 1.8 lb.
Shipping weight	1115 g 2.5 lb.
Colour	Grey

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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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	8 MP (4K)
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 40 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 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	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)
Max. resolution @ fps	3840 x 2160 @ 20 fps
Lens type	Varifocal motorized
Focal length	2.8 to 12 mm, horizontal FoV 108° to 30°, vertical FoV 56° to 17°, diagonal FoV 131° to 35°
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

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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
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	Turret
Vandal proof	Yes
Impact rating	IK10
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Category	Reference
Brackets & Mounts	TVD-BB3