

DATASHEET



TVGP-M01-0801-TUR-G

TruVision 8MP/4K

MAIN FEATURES

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

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC, 0.5 A, PoE (802.3af, 36 to 57 V), 0.2 to 0.13 A
Power consumption	max. 7.5 W

Physical characteristics

Sensor size	1/2.8"
Color sensitivity	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Physical dimensions	Ø127.3 × 95.9 mm Ø5.01 × 3.78 in.
Net weight	600 g 1.3 lb.
Shipping weight	816 g 1.8 lb.
Colour	Grey
Material	Aluminium

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
Video standard	NTSC, PAL
Image settings	Hallway View, Mirror, ROI (Region Of Interest)

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TECHNICAL SPECIFICATIONS

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 30 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	Fixed
Focal length	2.8 mm, horizontal FoV 107°, vertical FoV 57°, diagonal FoV 128°
f-stop	F1.6
Auto iris	No
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
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

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TECHNICAL SPECIFICATIONS

ROI

Smart event

Intelligence options

Form Factor

Compliance

Category

Brackets & Mounts

Support 1 fixed region for main stream and sub-stream

Advanced motion detection, Face detection, Intrusion detection, Line crossing detection, Motion detection

Person/vehicle detection on motion, line crossing and intrusion detection

Turret

CE, FCC, REACH, RoHS 3, WEEE

Reference

TVD-BB3