

DATASHEET



TVGP-M01-0801-DOM-G

TruVision 8MP/4K

MAIN FEATURES

- TruVision 8MP/4K
- H.265+
- Smart IP Dome 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 0.15 A
Power consumption	max. 7.5 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	Ø110.8 × 84.7 mm Ø4.4 × 3.3 in.
Net weight	530 g 1.1 lb.
Shipping weight	720 g 1.6 lb.
Colour	Grey
Material	Aluminium
Camera Housing	TVD-BS-2C

Environmental characteristics

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

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Other characteristics

Technology	IP
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 30 m
IR wavelength	850nm
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

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Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM
Audio in	1 input (line in), two-core terminal block , max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ
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	Dome
Vandal proof	Yes
Impact rating	IK10
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Category	Reference
Brackets & Mounts	DR-RWM-AD