Product data sheet



TVGP-M01-0802-BUL-G

TruVision 8MP/4K, H.265+, Smart IP Bullet Camera, 60 m IR, 2.8 to 12 mm lens, grey

Overview

The TruVision M-series IP bullet cameras leverages the latest H.265+ video compression technology to bring state of-the-art, high-definition pictures to the mass video surveillance market. With video resolutions from 2 Megapixel to 4K, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

The cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line detection, intrusion detection and face detection features. With its smart person/vehicle feature the camera can ignore irrelevant motion or VCA events which will automatically lead to less storage consumption and faster retrieval of relevant video events.

TruVision cameras utilize H.265+ and/or H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.



Details

- Maximum resolution: 8MP/4K (3840 × 2160)
- Motorized zoom lens 2.8 to 12 mm
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 60 m IR illumination
- H.265+ compression
- ONVIF Profile G, S, T open standards
- Edge recording up to 256 GB SDHC card

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TruVision 8MP/4K, H.265+, Smart IP Bullet Camera, 60 m IR, 2.8 to 12 mm lens, grey

Technical specifications

Technology IP Video standard NTSC, PAL Image settings Hallway View, Mirror, ROI (Region Of Interes Privacy masking Yes Software compatibility Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser Camera Camera Sensor size 1/2.8" Max. resolution 8 MP (4K) Sensor scan Progressive Sensor type CMOS Shutter time 1/3 to 1/100,000 s Lighting performance WDR type True WDR WDR 120 dB Digital noise reduction 3D DNR Day/night True Day/Night Motorized IR cut filter Yes Color sensitivity Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux wion Infrared (IR) Yes IR range Up to 60 m IR wavelength 850nm Encoding Video streams 3 Main stream H.264, H.265, H.265+ compression Video bit rate 32 to 8 Mbps Main stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2 x 1520, 3200 x 1800, 3840 x 2160 Sub stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 6 360 (nHD), 640 x 480 (VGA) Third stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 6 360 (nHD), 640 x 480 (VGA) Third stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 6 360 (nHD), 640 x 480 (VGA) Third stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 6 360 (nHD), 640 x 480 (VGA) Third stream resolutions 1280 x 720 (XVGA), 1920 x 1080 (1080p), 6 360 (nHD), 640 x 480 (VGA) Max. resolution @ fps 3840 x 2160 @ 20 fps Lens 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 15.550 p F1.6 Auto iris No Motorized zoom Yes	General	
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Auto focus Yes		
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Network	
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	
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 $\mbox{K}\Omega$
Audio out	1 output (line out), two-core terminal block, max output amplitude: 3.3 vpp, output impedance: 100 Ω
Alarm I/O	
Alarm inputs	1
Alarm outputs	1 output (max. 12 VDC, 30 mA)
Alarm I/O connection	Terminal block
Storage	
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	256 GB
Video intelligence	
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 substream
Video analytics	Advanced motion detection, Face detection, Intrusion detection, Line crossing detection, Motion detection
Intelligence options	Person/vehicle detection on motion, line crossing and intrusion detection
Electrical	
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
Physical	
Physical dimensions	$308.5 \times 97.9 \times 93 \text{ mm}$ $12.2 \times 3.9 \times 3.7 \text{ in.}$
Net weight	1390 g 3.1 lb.
Shipping weight	1961 g 4.3 lb.
Colour	Grey
Form Factor	Bullet

TVGP-M01-0802-BUL-G

TruVision 8MP/4K, H.265+, Smart IP Bullet Camera, 60 m IR, 2.8 to 12 mm lens, grey

Environmental

Vandal proof	Yes
Impact rating	IK10
Environment	Outdoor
Operating temperature	-30 to +60°C -22 to +140°F
Relative humidity	<95% noncondensing
IP rating	IP67
Regulatory	
Compliancy	CE, FCC, REACH, RoHS, UL, WEEE
-	



