TVGP-M01-0801-DOM-W

TruVision 8MP/4K, H.265+, Smart IP Dome Camera, 30 m IR, 2.8 mm lens, white

Overview

The TruVision M-series IP dome 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)
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 30 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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Technical specifications

General

Technology	IP
Video standard	NTSC, PAL
Image settings	Visualização Corredor, Espelho, ROI (Região de interesse)
Privacy masking	Yes
Software compatibility	Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser

Camera

Sensor size	1/2.8"
Max. resolution	8 MPX (4K)
Sensor scan	Progressivo
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 with IR on
Infrared (IR)	Yes
IR range	Up to 30 m
IR wavelength	850nm

Encoding

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

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

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, 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

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	Erro HDD, HDD cheio, Login ilegal, Conflito de endereço IP, Deteção de movimento, Desligado da rede, Sabotagem de vídeo
ROI	Support 1 fixed region for main stream and sub-stream
Smart event	Deteção avançada de movimento, Deteção de face, Deteção de intrusão, Deteção cruzamento de linha, Motion detection
Intelligence options	Person/vehicle detection on motion, line crossing and intrusion detection

Electrical

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

Physical

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	Hvid
Material	Aluminium
Form Factor	Dome

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Environmental

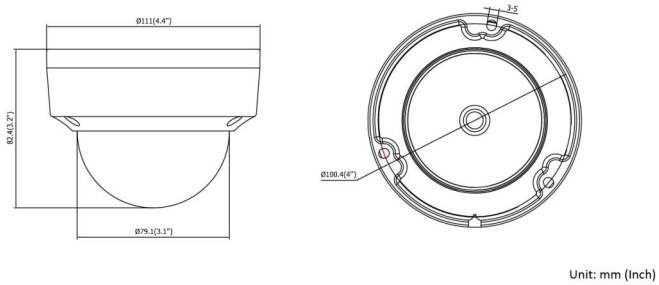
Vandal proof	Yes
Impact rating	IK10
Environment	Udendørs
Operating temperature	-30 to +60°C -22 to +140°F
Relative humidity	<95% noncondensing
IP rating	IP67

Regulatory

Compliancy	CE, FCC, REACH, RoHS, UL, WEEE

Compatible products

Category	Reference	Description
Brackets & Mounts	DR-RWM-AD	TruVision Adapter for the TruVision Dome to use on the DR wall-mount bracket
Brackets & Mounts	TVD-BB1-W	TruVision dome back box used with TVD-11xx/55xx/56xx series plastic mini domes, white
Brackets & Mounts	TVD-CB3B-W	TruVision Cup Base for M Series fixed lens white dome cameras, white
Brackets & Mounts	TVD-CBW-W	TruVision wall mount bracket compatible with white TruVision cup bases TVD-CBx-W
Brackets & Mounts	TVD-PPB-W	TruVision dome pendant ceiling mount bracket for TVD-CBx, TVF-CBM, white
Camera Housing	TVD-BS-2C	TruVision Dome Bubble Spare, Clear, for fixed lens domes



Unit: mm (Inch)

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