TVGP-M01-0401-WED-B

TruVision 4MP, H.265+, Smart IP Wedge Camera, 30 m IR, 2.8 mm, black

Overview

The TruVision M-series IP wedge 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 and 4 Megapixel, 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: 4MP (2688 x 1520)
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 30 m IR illumination
- Audio & alarm I/O
- 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	1/3"
Max. resolution	4 MPX
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	850 nm

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 8 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520
Sub stream resolutions	640 x 360 (nHD), 640 x 480 (VGA)
Third stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Max. resolution @ fps	2688 x 1520 @ 25/30 fps

Lens

Lens type	Fast
Focal length	2.8 mm, horizontal FoV 104.3°, vertical FoV 55.9°, diagonal FoV 123.8°
f-stop	F1.6
Auto iris	No

DORI

Detection	64 m
Observation	25 m
Recognition	13 m
Identification	6 m

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	Built-in microphone, 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, 20 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, 0.45 A, PoE (802.3af, 36 to 57 V), 0.18 to 0.11 A
Power consumption	max. 6.5 W

Physical

Physical dimensions	Ø 110 mm × 57.4 mm Ø 4.3 x 2.3 in.
Net weight	380 g 0.8 lb.
Shipping weight	615 g 1.4 lb.
Colour	Sort
Material	Aluminium
Form Factor	Wedge

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Environmental

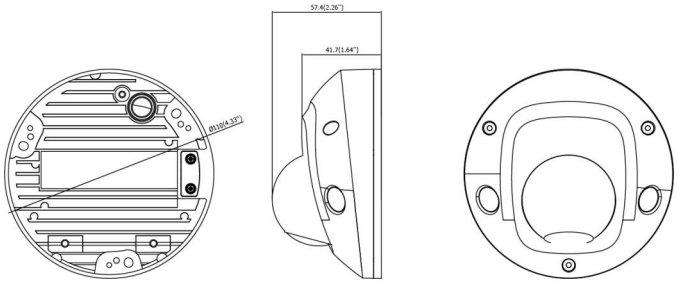
Vandal proof	Yes
Impact rating	IK08
Environment	Udendørs
Operating temperature	-30 to +60°C -22 to +140°F
Relative humidity	<95% noncondensing
IP rating	IP67

Regulatory

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

Compatible Accessories

None	Direct mount only



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