TVFC-M01-0403-DOM-G

TruVision 4MP Full color, IP, 2.8 to 12 mm lens, Dome Camera, 40 m white light

Overview

TruVision Full Color IP cameras offer a number of advantages over traditional IP cameras. The cameras available in 4 and 8 megapixel, capture full color video, allowing for clearer and more accurate identification of people and objects in the field of view. This is especially useful in low light conditions, where traditional IP cameras may produce footage that is difficult to interpret due to the lack of color.

The built-in supplemental white light availabe on most models, ensures that even in complete darkness, the cameras are able to capture clear and usable footage. This makes them ideal for use in a variety of settings, including outdoor areas or poorly lit indoor spaces.

Overall, this new range of TruVision Full Color IP Surveillance cameras are a reliable and advanced choice for any surveillance system, providing high quality, full color video footage that can aid in the identification and detection of potential threats or incidents.



Details

- Maximum resolution: 4MP (2688 x 1520)
- 24/7 color images
- Varifocal motorized 2.8 to 12 mm lens
- Built-in supplemental white light up to 40 m
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, entry/exit detection, face capture
- 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 Full Color
Video standard	NTSC, PAL
Image settings	De-Fog, Flur-Ansicht, Spiegel, ROI (Region Of Interest)
Privacy masking	Yes
Software compatibility	Milestone XProtect, TruVision Navigator, TVRmobile, Webbrowser
Note regarding VCA resource mode	Third stream and Hallway View are not available in Smart Event and Face Capture mode. Standard Event mode supports these features but also disables the person/vehicle classification options for certain events.

Camera

Sensor size	1/1.8"
Max. resolution	4 MPX
Sensor scan	Progressiv
Sensor type	CMOS
Digital S/N ratio	≥52 dB
Shutter time	1/3 to 1/100,000 s

Lighting performance

WDR	130 dB
White light	Yes
White light range	Up to 40 m
Digital noise reduction	3D DNR
Color sensitivity	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Infrared (IR)	No

Encoding

Video streams	3
Main stream compression	H.264, 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 Kbps to 8 Mbps
Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520
Sub stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Third stream resolutions	1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA)
Max. resolution @ fps	2688 x 1520 @ 25/30 fps
Third stream limitation	Supports only up to 10 fps

Lens

Lens type	Varifokal motorisiert
Focal length	2.8 to 12 mm, horizontal FoV 105.4 to 56.4°, vertical FoV 53.9 to 31.6°, diagonal FoV 131.8 to 65.1°
f-stop	F1.0
Auto iris	Yes

DORI

Detection	66.8 to 110.4 m
Observation	26.5 to 43.8 m
Recognition	13.4 to 22.1 m
Identification	6.7 to 11 m

Network

Network interface	RJ-45 10/100 Mbit / s selbstanpassende Ethernet-Schnittstelle
Integration	ONVIF Profil G, ONVIF Profil S, ONVIF Profile T
Supported network protocols	802.1x, ARP, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTCP, RTP, RTSP, SMTP, SNMP, SSL/TLS, TCP/IP, UPnP

Audio

Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio in	1 input (line in), 2-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium
Audio out	1 output (line out), 2-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Audio bit rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps

Alarm I/O

Alarm inputs	1
Alarm outputs	1 output (max. 24 VDC / 24 VAC, 1 A)
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
Smart event	Erweiterte Bewegungserkennung, Face capture, Einbruchmeldetechnikserkennung, Line crossing detection, Motion detection, Erkennung eines Bereichseintritts, Region exiting detection, Bildwechsel
Intelligence options	Person/vehicle detection on motion, line crossing, intrusion detection and entry/exit detection only (when VCA resource mode Smart Event is enabled)

Electrical

Operating voltage	12 VDC ± 25%, 0.9 A, max. 10.8 W, Ø 5.5 mm coaxial power plug,reverse polarity protection, PoE: 802.3af, Class 3, 36 to 57 V, 0.36 to 0.23 A, max. 12.9 W
Power consumption	max. 12.9 W

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Physical

Physical dimensions	Ø 155 x 152 mm (Ø 6.1 x 6.0 in.)
Net weight	1600 g (3.4 lb.)
Shipping weight	2150 g (4.6 lb.)
Colour	Grau
Material	Aluminium
Form Factor	Dome

Environmental

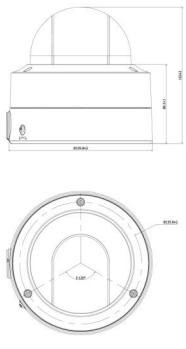
Impact rating	IK10
Environment	Draussen
Operating temperature	-30 to +60°C (-22 to +140°F)
Relative humidity	<95% noncondensing
IP rating	IP67

Regulatory

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

Compatible products

Category	Reference	Description
Brackets & Mounts	TVD-CBW	TruVision wall mount bracket compatible with TruVision Cup Bases TVx-CBx
Brackets & Mounts	TVD-PPB	TruVision Dome Pendant Ceiling mount bracket for TVD-CBx, TVF-CBM





Unit: mm

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