TVFC-M01-0402-DOM-G

TruVision 4MP Full color, IP, 2.8 mm lens, Dome Camera, 30 m white light, mic, audio I/O

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
- Built-in white light up to 30 m
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, entry/exit detection, face capture
- Built-in microphone
- 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, Hallway View, Mirror, ROI (Region Of Interest)
Privacy masking	Yes
Software compatibility	Milestone XProtect, TruVision Navigator, TVRmobile, Web Browser
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 MP
Sensor scan	Progressive
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 30 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	Fixed
Focal length	2.8 mm, horizontal FoV 112°, vertical FoV 61°, diagonal FoV 134°
f-stop	F1.0
Auto iris	No

DORI

Detection	58 m
Observation	23 m
Recognition	11 m
Identification	2 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, 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	Built-in microphone and 1 input (line in), max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium
Audio out	1 output (line out), max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound
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. 12 VDC, 30 mA)

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	Advanced motion detection, Face capture, Intrusion detection, Line crossing detection, Motion detection, Region entrance detection, Region exiting detection, Scene change detection
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, 0.4 A, max. 5 W PoE (802.3af, 36 to 57 V), 0.20 to 0.15 A, max. 6.5 W
Power consumption	max. 6.5 W

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Physical

Physical dimensions	Ø121.4 x 100.1 mm (Ø4.8 x 3.9 in.)
Net weight	580 g (1.2 lb.)
Shipping weight	820 g (1.6 lb.)
Colour	Grey
Material	Aluminium
Form Factor	Dome

Environmental

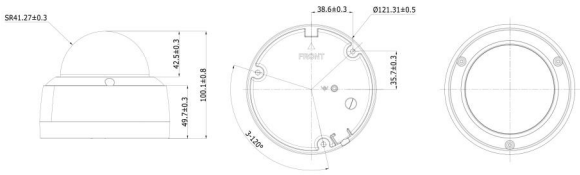
Impact rating	IK10
Environment	Outdoor
Operating temperature	-30 to +60°C (-22 to +140°F)
Relative humidity	<95% noncondensing
IP rating	IP67

Regulatory

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

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
Brackets & Mounts	TVW-BB1	TruVision Wedge camera back box (used with S6 series of wedge cameras)



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