

DATASHEET

TVFC-M01-0403-BUL-G

TruVision 4MP Full color

MAIN FEATURES

- TruVision 4MP Full color
- IP
- 2.8 to 12 mm lens
- Bullet Camera
- 60 m white light



TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 25%, 1.21 A, max. 14.5 W, two-core terminal block, reverse polarity protection, PoE: 802.3at, Class 4, 42.5 to 57 V, 0.43 to 0.32 A
Power consumption	max. 18 W

Inputs / outputs

Alarm inputs	1
Alarm outputs	1 output (max. 24 VDC / 24 VAC, 1 A)

Physical characteristics

Sensor size	1/1.8"
Color sensitivity	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Physical dimensions	298 x 97.9 x 95.7 mm 11.7 x 3.9 x 3.8 in.
Net weight	1465 g 3.2 lb.
Shipping weight	2097 g 4.6 lb.
Colour	Grey
Material	Aluminium

Environmental characteristics

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

Other characteristics

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TECHNICAL SPECIFICATIONS

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.
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
WDR	130 dB
White light	Yes
White light range	Up to 60 m
Digital noise reduction	3D DNR
Infrared (IR)	No
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 type	Varifocal motorized
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
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

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TECHNICAL SPECIFICATIONS

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 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 connection	Terminal block
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	256 GB
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)
Form Factor	Bullet
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Category	Reference
Brackets & Mounts	TVD-M-CMA