

DATASHEET

TVFC-M01-0802-TUR-G

TruVision 4K/8MP Full color

MAIN FEATURES

- TruVision 4K/8MP Full color
- IP
- 2.8 mm lens
- Turret Camera
- 30 m white light
- mic
- speaker
- strobe light

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 25%, 0.63 A, max. 8.5 W, PoE: 802.3af, Class 3, 36 to 57 V, 0.24 to 0.15 A
Power consumption	max. 8.5 W

Inputs / outputs

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

Physical characteristics

Sensor size	1/1.2"
Color sensitivity	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Physical dimensions	Ø138.3 x 120.1 mm Ø5.4 x 4.7 in.
Net weight	900 g 2 lb.
Shipping weight	1190 g 2.6 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	8 MP (4K)
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 30 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 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	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Third stream resolutions	1024 x 768 (XGA), 1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA)
Max. resolution @ fps	3840 x 2160 @ 25/30 fps
Third stream limitation	Supports only up to 10 fps
Lens type	Fixed
Focal length	2.8 mm, horizontal FoV 102°, vertical FoV 52°, diagonal FoV 124°
f-stop	F1.0
Auto iris	No
Detection	96 m
Observation	38 m
Recognition	19 m
Identification	9 m

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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	Built-in microphone and 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium
Audio out	Built-in 1.5 W speaker and 1 output (line out), two-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 strobe light	Yes
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	Turret
Compliance	CE, FCC, REACH, RoHS, UL, WEEE
Category	Reference
Brackets & Mounts	TVD-BB3