

TVF-1102

TruVision 360 Degree IP Dome, 3.0MP, PAL, WDR, 1.19mm fisheye lens, true D/N, 10m IR, 2 way audio (built-in mic & speaker),SD/SHDC slot,

Overview

Ideally suited for a variety of applications including retail, commercial, law enforcement and education environments, the TruVision 360° network dome camera provides high-quality image capture, that delivers a complete view of indoor or outdoor areas for exceptional security coverage. Supporting 3MPx sensors, these cameras are PoE 802.3af powered making installation as easy as running a Category 5e cable to the camera location. Particularly effective in areas where a wide area needs to be covered, such as intersecting corridors, parking garages, counters and warehouses. The 360° camera can also be used in a wall-mount configuration to capture panoramic scenes. With an IR range of up to 10m, they can also be used in low-light environments and for 24/7 exterior surveillance. Extra mounting accessories are available for pendant mount and wall mount installation. The cameras can be used with our TruVision NVRs and Prism



Details

- 3MPx 1/3" progressive scan CMOS
- Up to 2048 x 1536 real-time streaming
- 360° view angle
- Multiple viewing modes
- Multiple ePTZ streams with preset and patrol functions
- Up to 10m IR range
- 2-way audio, built-in mic and speaker
- Built-in SD/SDHC card slot
- Ceiling, wall and desk mount options
- Outdoor version
- Operating temperature range -30 to 60°C

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Technical specifications

Camera	
Sensor size	1/3"
Max. resolution	3 MPX
Sensor scan	Progressive
Sensor type	CMOS
Total Pixels (H x V)	2048 x 1536
Digital S/N ratio	50 dB
Shutter time	1/25s to 1/100.000s
Sensor Size:	1/3"
SD / MPX:	3MPx
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	H.264 / MJPEG Multiple streams: Surrounding,Panoramic, 4 x PTZ
Maximum Resolution (@ FPS):	2048 x 1536 @25 fps
Maximum Real Time Resolution:	2048 x 1536
High-frame mode supports:	50Hz: 1 x fisheye (2048 x 1536, 25fps) or (1536 x 1536, 25fps) or 4 x PTZ (800 x 600, 25fps)
Multi-channel mode supports:	50Hz: 1 x fisheye (1536 × 1536, 20fps) and 1 x panoramic (1600 x 1200, 20fps) and 3 x PTZ (800 x 600, 20fps)
Digital S/N ratio:	50dB
Electronic shutter:	1/25s to 1/100.000s
Certification:	FCC, CE, UL, WEEE, RoHS, REACH
Lighting performance	
WDR	120 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.28lux @(F2.0, AGC ON)
B/W sensitivity	0 lux with IR
Infrared (IR)	Yes
IR sensitivity	0 lux with IR
IR range	10 m
IR wavelength	850 nm
Wide Dynamic Range:	WDR
WDR in dB:	120 dB
Digital noise reduction:	3D DNR
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.28lux @(F2.0, AGC ON)
B/W sensitivity:	0 Lux with IR
IR Range:	Up to 10m
IR Wavelength:	850nm
Encoding	
Main stream compression	H.264
Max. resolution @ fps	2048 x 1536 @25 fps
High frame mode support	50Hz: 1 x fisheye (2048 x 1536, 25fps) or (1536 x 1536, 25fps) or 4 x PTZ (800 x 600, 25fps)

Lens	
Lens type	Fixed
Focal length	1.19mm
f-stop	1.4
Network	
Integration	CGI, ONVIF, PSIA
ONVIF:	2.2
PSIA:	1.1
CGI:	Yes
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4/IPv6
Audio	
Audio compression	G.711, G.726
Audio in	Internal Microphone
Audio out	Internal Speaker
Storage	
Local storage support	Yes
Local storage type	Built-in SD/SDHC Slot
Max. storage capacity	64GB
Video intelligence	
Alarm trigger	Motion detection, Video tampering
General	
Technology	IP
Video standard	PAL
Electrical	
Operating voltage	12 VDC
Power supply type	PoE in
Power consumption	12 W max.
Current consumption	1 A
Physical	
Physical dimensions	167 x 45 mm
Net weight	767 g
Colour	Grey
Form Factor	360 Degrees
Environmental	
Operating temperature	-30 to 60°C
Environment	Outdoor
IP rating	IP66
Impact rating	IK10
Regulatory	
Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE

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Housing

Camera type:	360°
IP rating:	IP66
Outdoor:	Yes
Rugged:	IK10

Lens

Mount type:	M12
Control type:	NA
Optical zoom:	NA
Focal length:	1.19mm
F-stop:	2.0
Autoiris:	NA
Varifocal:	Fixed

Power consumption

Voltage Input:	12VDC± 10%
Current:	Max. 1A
Power Consumption:	Max. 12W
PoE:	PoE(802.3af)

Local Storage

Media:	Built-in Micro SD/SDHC/SDXC card slot
Capacity:	64GB

Audio G.711/G.726

Input:	Internal Microphone
Output:	Internal Speaker

Camera Analytics

Motion Detection:	Yes
Tamper-proof:	Yes

Alarm

Alarm Input:	NA
Alarm Output:	NA

Mechanical / Environmental

Dimensions:	Ø 167 × 45 mm (Ø 6.6 × 1.77 in)
Weight:	767g (1.43lb)
Operating Temperature:	-30° to 60°C (-22° to 140°F) (-22°F to 140°F)

Accessories

TVF-BBM	TruVision 360° Dome Round Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVF-WBM	TruVision 360° Dome Round Angled Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVF-CBM	TruVision 360° Dome Cup Base (Use w/TVD-PPB for Pendant Mount or TVD-SNB for Wall Mount)

