TVF-1103

TruVision 360 Degree IP Dome, 6.0 MPX, PAL, DWDR, 1.27mm fisheye lens, true D/N, 10m IR, 2 way audio (built-in mic & speaker), SD/SHDC slot, POE (803.af) /12VDC.

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

- 6MPx 1/1.8" Progressive Scan CMOS
- Up to 3072 x 2048 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
- Indoor version
- Operating temperature range -30° to 60°C

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Technical Specifications

Camera

Sensor Size	1/3"
Max. Resolution	6 MPX
Sensor Scan	Progressive
Sensor Type	CMOS
Total Pixels (H x V)	1280x960
Digital S/N ratio (dB)	50 dB
Electronic Shutter	1/25s to 1/100.000s
Sensor Size:	1/1.8"
SD / MPX:	6MPx
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	H.264 / MJPEG Multiple streams: Surrounding,Panoramic, 4 x PTZ
Maximum Resolution (@ FPS):	3072 x2048 @25 fps
Maximum Real Time Resolution:	3072 x2048
High-frame mode supports:	50Hz: 1 x fisheye (3072 x 2048, 25fps) or (2048 x 2048, 25fps) or 4 x PTZ (1024 x 768, 25fps)
Multi-channel mode supports:	50Hz: 1 x fisheye (1280 × 1280,12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps)

Lighting performance

Digital Noise Reduction	3D DNR
Day/Night	True Day/Night
Motorized IR Cut Filter	Yes
Color Sensitivity	0.02 lux @ F1.4, 1/1s, AGC ON
B/W Sensitivity	0.002 lux @ F1.4, 1/1s, AGC ON
B/W Trigger	1 lux
InfraRed (IR)	Yes
Wide Dynamic Range:	DWDR
WDR in dB:	NA
Digital noise reduction:	3D DNR
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	ON, 0.3 lux @ f2.8 AGC ON
B/W sensitivity:	0 Lux with IR
IR sensitivity:	0 Lux with IR
IR Range:	Up to 10m
IR Wavelength:	850nm

Encoding

Video Compression Main Stream	H.264
Main Stream Supported Resolutions	1280 x 720 (XVGA), 1280 x 960 (720p)
Sub Stream Supported Resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)
Max. Resolution @ fps	1280x960 @25 fps

Lens

Focal length	4.3-86.0mm
F-stop	1.4 - 2.6
Auto-iris	Yes
Auto-focus	Yes

Pan/tilt/zoom

Optical Zoom	20X
Digital Zoom	16X

Network

Supported Video Standards	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

Basic Alarm Detection	Motion, Tamper
Intelligent Tracking	No

General

Technology	IP
Video Standard	PAL

Electrical

Operating voltage	12 V
Power supply type	POE
Power consumption	12 W max.
Current consumption	1 A

Physical

Physical dimensions	167 x 45 mm
Net weight	767 g
Form Factor	360 Degrees
Rugged	IK10

Environmental

Vandal proof	Yes
Operating temperature	-30 to 60°C
Environment	Indoor
IP-rating	54

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Lens

Mount type:	M12
Control type:	NA
Optical zoom:	NA
Focal length:	1.27mm
F-stop:	2.8
Autoiris:	NA
Varifocal:	Fixed
Zoom lens:	NA
Autofocus:	NA

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

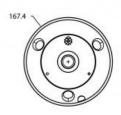## Mechanical / Environmental

Dimensions:	Ø 167 × 45 mm (Ø 6.6 x 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)

Outdoor

Indoor

United Technologies

Climate | Controls | Security