

# 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

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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

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- 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	50 dB
Shutter time	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 x 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

Main stream compression	H.264
Main stream resolutions	1280 x 720 (XVGA), 1280 x 960 (720p)
Sub stream resolutions	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)
Max. resolution @ fps	1280x960 @25 fps

### Lens

Lens type	Fixed
Focal length	4.3-86.0mm
f-stop	1.4 - 2.6
Auto iris	Yes
Auto focus	Yes

### 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
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### General

Technology	IP
Video standard	PAL

### Electrical

Operating voltage	12 V
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	Indoor
IP rating	54

### Regulatory

Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE
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## Housing

Camera type:	360°
IP rating:	NA
Outdoor:	Indoor
Rugged:	NA

## 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

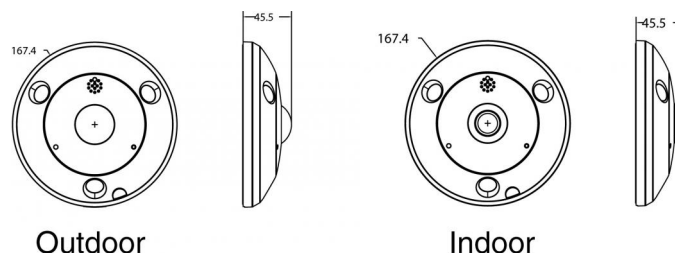
Alarm Input:	NA
Alarm Output:	NA

## Mechanical / Environmental

Dimensions:	Ø 167 × 45 mm (Ø 6.6 × 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)



As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

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