Product Data Sheet

UTC Fire & Security
A United Technologies Company

TVF-1101

TruVision™ 360 Degree Indoor IP Dome, 3.0 MPX, PAL, WDR

Overview

Ideally suited for a variety of applications including retail, commercial, law enforcement and education environments, the TruVision 360º 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 360º 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

Standard Features

- 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
- Indoor version
- Operating temperature range -30° to 60°C

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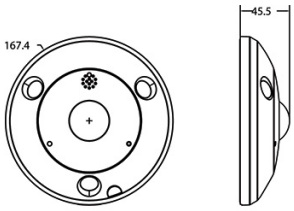
Specifications

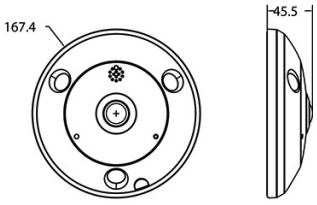
Camera	
Sensor Size:	1/3"
SD / MPX:	3MPx
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	H.264 / MJPEG Multiple streams: Surrounding, Panoramic, 4 x PTZ
Maximum Resolution (@ FPS):	2048 x 1536 @25 fps
Maximum Real Time Resolution:	2048 x 1536
High-frame mode supports:	50Hz: 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	
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 sensitivity:	0 Lux with IR
IR Range:	Up to 10m
IR Wavelength:	850nm
Housing	
Camera type:	360°
IP rating:	No
Outdoor:	Indoor
Rugged:	No
Lens	
Mount type:	M12
Control type:	NA
Optical zoom:	NA
Focal length:	1.19mm
F-stop:	2.0
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)
Network	
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
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 360º Dome Round Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/ Outdoor
TVF-WBM	TruVision 360º Dome Round Angled Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor/Outdoor
TVF-CBM	TruVision 360º Dome Cup Base (Use w/TVD-PPB for Pendant Mount or TVD-SNB for Wall Mount)

Ordering Information

Part No.	Description
TVF-1101	TruVision™ 360 Degree Indoor IP Dome, 3.0 MPX, PAL, WDR



Outdoor



Indoor

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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