

## TVF-1102

TruVision 360 Degree IP Dome, 3.0MP, PAL, WDR, 1.19mm fisheye lens,

### 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



### Standard Features

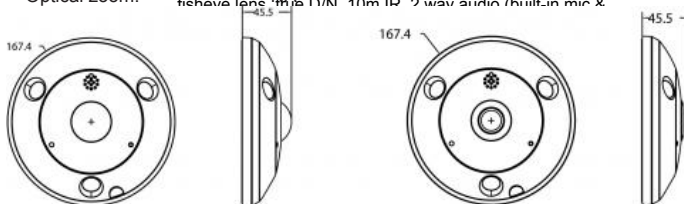
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- 3MPx 1/3" progressive scan CMOS
- Up to 2048 x 1536 real-time streaming
- 360° view angle
- Multiple viewing modes
- Multiple ePTZ streams with preset and patrol functions
- Up to 10m IR range
- 2-way audio, built-in mic and speaker
- Built-in SD/SDHC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

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## Specifications

Camera		Audio compression	G.711, G.726				
Sensor size	1/3"	Audio in	Internal Microphone				
Max. resolution	3 MPX	Audio out	Internal Speaker				
Sensor scan	Progressive	<b>Storage</b>					
Sensor type	CMOS	Local storage support	Yes				
Total Pixels (H x V)	2048 x 1536	Local storage type	Built-in SD/SDHC Slot				
Digital S/N ratio	50 dB	Max. storage capacity	64GB				
Shutter time	1/25s to 1/100.000s	<b>Video intelligence</b>					
Sensor Size:	1/3"	Alarm trigger	Motion detection, Video tampering				
SD / MPX:	3MPx	<b>General</b>					
Sensor scan:	Progressive Scan	Technology	IP				
Sensor type:	CMOS	Video standard	PAL				
IP Compression / Standard:	H.264 / MJPEG Multiple streams: Surrounding, Panoramic, 4 x PTZ	<b>Electrical</b>					
Maximum Resolution (@ FPS):	2048 x 1536 @25 fps	Operating voltage	12 VDC				
Maximum Real Time Resolution:	2048 x 1536	Power supply type	PoE in				
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)	Power consumption	12 W max.				
Multi-channel mode supports:	50Hz: 1 x fisheye (1536 x 1536, 20fps) and 1 x panoramic (1600 x 1200, 20fps) and 3 x PTZ (800 x 600, 20fps)	Current consumption	1 A				
Digital S/N ratio:	50dB	<b>Physical</b>					
Electronic shutter:	1/25s to 1/100.000s	Physical dimensions	167 x 45 mm				
Certification:	FCC, CE, UL, WEEE, RoHS, REACH	Net weight	767 g				
<b>Lighting performance</b>		Colour	Grey				
WDR	120 dB	Form Factor	360 Degrees				
Digital noise reduction	3D DNR	<b>Environmental</b>					
Day/night	True Day/Night	Operating temperature	-30 to 60°C				
Motorized IR cut filter	Yes	Environment	Outdoor				
Color sensitivity	0.28lux @(F2.0, AGC ON)	IP rating	IP66				
B/W sensitivity	0 lux with IR	Impact rating	IK10				
Infrared (IR)	Yes	<b>Regulatory</b>					
IR sensitivity	0 lux with IR	Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE				
IR range	10 m	<b>Housing</b>					
IR wavelength	850 nm	Camera type:	360°				
Wide Dynamic Range:	WDR	IP rating:	IP66				
WDR in dB:	120 dB	Outdoor:	Yes				
Digital noise reduction:	3D DNR	Rugged:	IK10				
Day/Night:	True Day/Night	<b>Lens</b>					
Motorized IR Cut Filter:	Yes	<table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>TVF-1102</td> <td>TruVision 360 Degree IP Dome, 3.0MP, PAL, WDR, 1.19mm fisheye lens, 10m D/N, 10m IR, 2 wav audio (built-in mic &amp; speaker)</td> </tr> </tbody> </table>		Part No.	Description	TVF-1102	TruVision 360 Degree IP Dome, 3.0MP, PAL, WDR, 1.19mm fisheye lens, 10m D/N, 10m IR, 2 wav audio (built-in mic & speaker)
Part No.	Description						
TVF-1102	TruVision 360 Degree IP Dome, 3.0MP, PAL, WDR, 1.19mm fisheye lens, 10m D/N, 10m IR, 2 wav audio (built-in mic & speaker)						
Color sensitivity:	0.28lux @(F2.0, AGC ON)						
B/W sensitivity:	0 Lux with IR	<p><b>Outdoor</b>                      <b>Indoor</b></p>					
IR Range:	Up to 10m	<b>Local Storage</b>					
IR Wavelength:	850nm	Media:	Built-in Micro SD/SDHC/SDXC card slot				
<b>Encoding</b>		Capacity:	64GB				
Main stream compression	H.264	<b>Audio G.711/G.726</b>					
Max. resolution @ fps	2048 x 1536 @25 fps	Input:	Internal Microphone				
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)	Output	Internal Speaker				
<b>Lens</b>		<b>Camera Analytics</b>					
Lens type	Fixed	Motion Detection:	Yes				
Focal length	1.19mm	Tamper-proof:	Yes				
f-stop	1.4	<b>Alarm</b>					
<b>Network</b>		Alarm Input:	NA				
Integration	CGI, ONVIF, PSIA	Alarm Output:	NA				
ONVIF:	2.2	<b>Mechanical / Environmental</b>					
PSIA:	1.1	Dimensions:	Ø 167 x 45 mm (Ø 6.6 x 1.77 in)				
CGI:	Yes						
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4/IPv6						
<b>Audio</b>							

## Ordering Information