

## 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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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.

### **Technical Specifications**

Sersor Size	Camera		Lens	
Sensor Scan	Sensor Size	1/3"	Focal length	4.3-86.0mm
Sensor Type	Max. Resolution	6 MPX	F-stop	1.4 - 2.6
Total Pivels (H.x V)	Sensor Scan	Progressive	Auto-iris	Yes
Digital SN retar (dB)	Sensor Type	CMOS	Auto-focus	Yes
Description	Total Pixels (H x V)	1280x960	Don /+: +/=======	
Digital Zoom   16X		50 dB		
SD / MPX:    SMPx   Sensor scan:    Progressive Scan   Sensor type:    CMOS     Sensor type:    CMOS   H.264 / MLPEG Multiple streams:    Standard:    Surrounding Panoramic, 4 x PTZ     Maximum Resolution (@   3072 x2048 @25 fps   FPS):    Maximum Resolution (@   3072 x2048 @25 fps   FPS):    Maximum Real Time				
Sensor scan:   Progressive Scan   Sensor type:   CMOS   Sensor type:   CMOS   Supported Video   Standards   Surrounding Panoramic, 4 x PTZ   ONVIP:   2 2   ONVIP:   ONVIP:   2 2   ONVIP:   2 2   ONVIP:			Digital Zoom	16X
Sensor Scan:   Progressive Scan   Progressive Scan   Sensor type: CMGS   P. Compression /   H. 264 / M./PEG Multiple streams: Standard:   Surrounding Panoramic, 4 x PTZ   Maximum Resolution (@ FPS):   3072 x 2048 @25 fps   FSF   S072 x 2048   3072 x 2048   3072 x 2048   Sundards   Surrounding Panoramic, 4 x PTZ   FSF   F	SD / MPX:		Network	
The Compression	Sensor scan:	Progressive Scan		CGL ONVIE PSIA
P.Compression / Standard	Sensor type:			Cai, Oivii, FSIA
Standard:   Surrounding_Panoramic, 4 x P1/2	IP Compression /			22
Maximum Real Time   30/12 x/2048 w2c fps   FPS    Maximum Real Time   30/12 x/2048   Resolution:   Figh-frame mode   50Hz: 1 x fisheye (3072 x 2048, 25fps) or supports:   (2048 x 2048, 25fps) or 4 x PTZ (1024 x 768, 25fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 1 x panoramic (2048 x 768, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps)   Multi-channel mode   Solve: 1 x fisheye (1280 x 768, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps)   Audio   Internal Microphone   Audio Out   Internal Speaker   Storage   Local Storage Support   Yes   Local Storage Type   Built-in SD/SDHC Slot   Max Storage Capacity   Max Storage Capacity   Max Storage Capacity   Max Storage Capacity   Video intelligence   Basic Alarm Detection   Motion, Tamper   Intelligent Tracking   No				
Maximum Real Time	•	3072 x2048 @25 fps		
RTSP, PPPGE, SMTP, NTP, UPPR, SNMP				
HTTPS, FTP, 802.1x, Qos, IPv4/IPv6   Holph-frame mode   SOHz: 1 x fisheye (3072 x 2048, 25fps) or supports:		3072 x2048	Network Frotocols.	
Supports   2048 x 2048, 25fps   768, 25fps				
Multi-channel mode SDHz: 1 x fisheye (1280 x 1280,12.5fps) and 3 x PTZ (1024 x 768, 12.5fps) and 3 x PTZ (10	•			6,1, 662, 466, 11, 11
Multi-channel mode supports:  and 1 x panoramic (2048 x 1536, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 2 x PTZ (1024 x 768, 12.5fps) and 3 x PTZ (1024 x 1536, 12.5fps) and 3	supports:		Audio	
supports: and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps)  Lighting performance  Digital Noise Reduction Day/Night True Day/Night Motorized IR Cut Filter Color Sensitivity O.02 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity Digital noise reduction: Day/Night Wide Dynamic Range: DWDR WDR in dB: MA Digital noise reduction: Day/Night: True Day/Night Motorized IR Cut Filter Wes  Color Sensitivity Wide Dynamic Range: DWDR WDR in dB: MA Digital noise reduction: Day/Night: True Day/Night Motorized IR Cut Filter: Wes  Color sensitivity: Ol. 3 lux @ 12.8 AGC ON B/W sensitivity: Ol. 0.3 lux @ 12.8 AGC ON B/W sensitivity: Ol Lux with IR IR Range: Up to 10m IR Wavelength: BFORM Stream Main Stream Supported Resolutions Sub Stream Supported Resolutions Sub Stream Supported Resolutions Sub Stream Supported Resolutions Size Age Capacity Yideo Standard Video intelligence  Wideo Internal Speaker Audio Out Internal Speaker  Audio Out Internal Speaker Audio Out Internal Speaker  Audio Out Internal Speaker  Audio Out Internal Speaker  Audio Out Internal Speaker  Subcapacity Yes Local Storage Support Ves Wideo Internal Speaker  Sub storage Bullt-in SD/SDHC Slot Max Storage Capacity Video intelligence  Basic Alarm Detection Motion, Tamper Intelligent Tracking No  General  Technology IP Video Standard PAL  Departing voltage 12 V Power supply type PoE Power supply type PoE Power supply type PoE Power consumption 1 A  Physical dimensions 167 x 45 mm Physical dimensions 167 x 45 mm  Physical dimensions 167 x 45 mm  Stream Supported Resolutions Storage Support Ages Privated Video Compression Main Audio Out	Made abana da		Audio Compression	G.711, G.726
Lighting performance Digital Noise Reduction 3D DNR Day/Night True Day/Night Motorized IR Cut Filter Yes Cotor Sensitivity 0.002 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity 0.002 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity 0.002 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: ON, 0.3 lux @ f2.8 AGC ON B/W Sensitivity: ON, 0.3 lux @ f2.8 AGC ON B/W Sensitivity: ON, 0.4 lux with IR IR Range: Up to 10m IR Wavelength: 850nm  Encoding Video Compression Main Stream Wain Stream Supported Resolutions Sub Stream Supported Resolutions Sub Stream Supported T76 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolution @ fps 1280 x 960 @25 fps  Audio Out Internal Speaker Local Storage Support Yes Local Storage Vpor Built-in SD/SDHC Slot Max Storage Capacity Video Intelligence Basic Alarm Detection Motion, Tamper Intelligent Tracking No Intelligence Basic Alarm Detection Motion, Tamper Intelligence Basic Alarm Detection Motion		* * * * * * * * * * * * * * * * * * * *	Audio In	Internal Microphone
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 0.02 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: O Lux with IR IR sensitivity: O Lux with IR IR Range: Up to 10m IR Range: Up to 10m IR Wavelength: 850nm  Encoding Video Compression Main Stream Supported Age of Vaculations Sub Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions Sub Stream Supported 76 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions @ fps 1280x960 @25 fps	supports:		Audio Out	Internal Speaker
Digital Noise Reduction 3D DNR Day/Night True Day/Night Max Storage Support 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 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: O Lux with IR IR sensitivity: O Lux with IR IR Range: Up to 10m IR Wavelength: 850nm  Encoding Video Compression Main Stream Supported Associations Sub Stream Supported T76 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions Sub Stream Supported T280 x 720 (XVGA), 1280 x 960 (720p) Max. Resolution @ fps 1280 x 960 @25 fps		and 3 x F12 (1024 x 706, 12.51ps)	01	·
Digital Noise Reduction Day/Night True Day/Night Motorized IR Cut Filter Wes Color Sensitivity D.0.02 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity D.0.02 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity D.0.02 lux @ F1.4, 1/1s, AGC ON B/W Sensitivity D.0.02 lux @ F1.4, 1/1s, AGC ON B/W Trigger DWDR Wide Dynamic Range: DWDR WDR in dB: NA Digital noise reduction: Day/Night: True Day/Night Motorized IR Cut Filter: Yes Color sensitivity: ON, 0.3 lux @ f2.8 AGC ON B/W sensitivity: OLux with IR IR Range: Up to 10m IR Wavelength: BF ange: Video Compression Main Stream Main Stream Supported Max Resolution @ fps 1280 x 720 (XVGA), 1280 x 960 (720p) Max Resolution @ fps 1280 x 960 @25 fps  Local Storage Support Wax Storage Capacity Max Storage Support Max Storage Capacity Max Storage Support Max Storage Support Max Storage Support Max Storage Capacity Max Storage	Lighting performanc	е		
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 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: O Lux with IR IR sensitivity: O Lux with IR IR Range: Up to 10m IR Wavelength: 850nm  Encoding Video Compression Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolution @ fps 1280x960 @25 fps  Local Storage Uppe Built-in SD/SDHC Max Storage Capacity 64GB  Max Storage Capacity 64GB  Wideo intelligence Basic Alarm Detection Motion, Tamper Intelligent Tracking No  Intelligent Tracking  Intelligent Tracking  Intelligent Tracking  Intelligent Tracking  Intelligent Tracking  Intelligent Tracking  Intelligent Track				
Motorized IR Cut Filter Yes  Color Sensitivity 0.02 lux @ F1.4, 1/1s, AGC ON BW Sensitivity 0.002 lux @ F1.4, 1/1s, AGC ON BW 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 BW sensitivity: OLux with IR IR sensitivity: O Lux with IR IR Range: Up to 10m IIR Wavelength: 850nm  Encoding Video Compression Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolution @ fps 1280x960 @25 fps  Max Storage Capacity 644B  Video intelligence Basic Alarm Detection Motion, Tamper Intelligent Tracking No  Motorized IR Cut Filter: Ves Ceneral  Technology IP Video Standard PAL  Technology IP Video Standard PAL  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		True Day/Night		
Color Sensitivity  Double 1.4, 1/1s, AGC ON BW Sensitivity  Double 2.1, 1/1s, AGC ON BW Trigger  1 lux InfraRed (IR) Wes Wide Dynamic Range: DWDR  WDR in dB: NA Digital noise reduction: 3D DNR Day/Night: True Day/Night Motorized IR Cut Filter: Color sensitivity: Dux with IR IR sensitivity: Up to 10m IR Wavelength: BS Sonm  Main Stream Video Compression Main Stream Supported Resolutions Sub Stream Supported Resolutions Motion, Tamper Basic Alarm Detection Motion, Tamper Intelligent Tracking No Intelligent			Max Storage Capacity	64GB
B/W Sensitivity  D/W Sensitivity  B/W Trigger  1 lux  InfraRed (IR)  Yes  Wide Dynamic Range:  D/WDR  WDR in dB:  D/Digital noise reduction:  Day/Night:  True Day/Night  Motorized IR Cut Filter:  Color sensitivity:  O/N 0.3 lux @ f2.8 AGC ON  B/W sensitivity:  O/N 0.4 ux with IR  IR Range:  U/D to 10m  IR Wavelength:  B/Sonm  Encoding  Video Compression Main Stream Supported  Sub Stream Supported  Amax. Resolutions  Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Basic Alarm Detection Motion, Tamper  Intelligent Tracking  No  General  Petchnology  IP  Video Standard PAL  Doperating voltage  Power consumption  12 V  Power supply type  PoE  Power consumption  12 W max.  Current consumption  1 A  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		0.02 lux @ F1.4, 1/1s, AGC ON	Video intelligence	
B/W Trigger 1 lux				Motion Tompor
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: O Lux with IR  IR sensitivity: O Lux with IR  IR Range: Up to 10m  IR Wavelength: 850nm  Encoding  Video Compression Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions  Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions  Max. Resolution @ fps 1280x960 @25 fps  Medical Dynamic Range: DWDR  Technology  IP  Video Standard PAL  Deprical Steadard 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		1 lux		
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  BW sensitivity: O Lux with IR  IR sensitivity: O Lux with IR  IR Range: Up to 10m  IR Wavelength: 850nm  Fincoding  Video Compression Main Stream Supported Resolutions  Sub Stream Supported Resolutions  Sub Stream Supported T76 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolution @ fps 1280x960 @25 fps  Technology IP  Video Standard PAL  Deprating 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		Yes	intelligent tracking	INO
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: O Lux with IR  IR sensitivity: O Lux with IR  IR Range: Up to 10m  IR Wavelength: 850nm  Forcoding  Video Compression Main Stream  Video Compression Main Stream Supported Assolutions  Sub Stream Supported T76 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions  Max. Resolution @ fps 1280x960 @25 fps  Technology IP  Video Standard PAL  Delectrical  Operating voltage 12 V  Power supply type POE  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	Wide Dynamic Range:	DWDR	General	
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: O Lux with IR  IR sensitivity: O Lux with IR  IR Range: Up to 10m  IR Wavelength: 850nm  Fincoding  Video Compression Main Stream Supported Resolutions  Sub Stream Supported Resolutions  Sub Stream Supported Resolutions  Max. Resolution @ fps 1280x960 @25 fps  Video Capy Pack Stream Supported Pack Stream Supported Pack Stream Supported Resolutions  Max. Resolution @ fps 1280x960 @25 fps  Video Standard PAL  Video Standard PAL  Video Congresion Pack Stream Supported Pack Stream Pac		NA	Technology	IP
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 Supported Resolutions  Sub Stream Supported Resolutions  Sub Stream Supported Resolutions  Max. Resolution @ fps 1280x960 @25 fps  Electrical  Operating voltage 12 V  Power supply type POE  Power consumption 12 W max.  Current consumption 1 A  Physical  Physical  Form Factor 360 Degrees  Rugged IK10  Environmental  Vandal proof Yes  Operating temperature -30 to 60°C  Environment Indoor	Digital noise reduction:	3D DNR		PAL
Color sensitivity: ON, 0.3 lux @ f2.8 AGC ON  BW sensitivity: 0 Lux with IR  IR sensitivity: 0 Lux with IR  IR Range: Up to 10m  IR Wavelength: 850nm  Physical  Physical dimensions 167 x 45 mm  Video Compression Main Stream Supported Resolutions  Sub Stream Supported Resolutions  Sub Stream Supported Resolutions  Max. Resolution @ fps 1280x960 @25 fps  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 voltage 12 V  Power supply type POE  Power supply type POE  Power consumption 12 W max.  Current consumption 1 A  Environmental  Value Current consumption 1 A  Environmental  Vandal proof Yes  Operating temperature -30 to 60°C  Environment Indoor	Day/Night:	True Day/Night		
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 Supported Resolutions Sub Stream Supported Resolutions Sub Stream Supported Resolutions Max. Resolution @ fps  B/W sensitivity: 0 Lux with IR Power supply type POE Power consumption 12 W max. Current consumption 1 A  Physical Physical Physical Physical Physical Physical Physical Form Factor 360 Degrees Rugged IK10  Environmental Vandal proof Yes Operating temperature -30 to 60°C Environment Indoor	Motorized IR Cut Filter:	Yes	Electrical	
IR sensitivity: 0 Lux with IR IR Range: Up to 10m IR Wavelength: 850nm  Physical  Physical dimensions 167 x 45 mm  Net weight 767 g Form Factor 360 Degrees  Main Stream Supported Resolutions Sub Stream Supported Resolutions 576 (4CIF) Max. Resolution @ fps 1280 x 960 @25 fps  Power consumption 12 W max.  Current consumption 1 A  Physical  Physical  Physical  Physical  Physical  If 76 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	Color sensitivity:	ON, 0.3 lux @ f2.8 AGC ON	Operating voltage	
IR Range: Up to 10m  IR Wavelength: 850nm  Physical  Physical  Physical dimensions 167 x 45 mm  Net weight 767 g  Form Factor 360 Degrees  Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p)  Resolutions  Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x  Resolutions 576 (4CIF)  Max. Resolution @ fps 1280x960 @25 fps  Current consumption 1 A  Current consumption 1 A  Physical  Form Factor 360 Degrees  Rugged IK10  Environmental  Vandal proof Yes  Operating temperature -30 to 60°C  Environment Indoor	B/W sensitivity:	0 Lux with IR	Power supply type	POE
IR Wavelength: 850nm  Physical  Physical dimensions 167 x 45 mm  Video Compression Main Stream  Video Compression Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p)  Resolutions  Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions 576 (4CIF)  Max. Resolution @ fps 1280x960 @25 fps  Physical  Physical  Physical  Form Factor 360 Degrees  Rugged IK10  Environmental  Vandal proof Yes  Operating temperature -30 to 60°C  Environment Indoor	IR sensitivity:	0 Lux with IR	Power consumption	12 W max.
Physical dimensions   167 x 45 mm	IR Range:	Up to 10m	Current consumption	1 A
Encoding  Video Compression Main H.264 Stream  Main Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions  Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions  Max. Resolution @ fps 1280x960 @25 fps  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	IR Wavelength:	850nm	Physical	
Video Compression Main Stream Supported Stream Supported 1280 x 720 (XVGA), 1280 x 960 (720p) Resolutions Sub Stream Supported 176 x 144 (QCIF), 352 x 288 (CIF), 704 x Resolutions 576 (4CIF)  Max. Resolution @ fps 1280x960 @25 fps Supported 1280x960 @25 fps Suppor	Encodina			407 45
Stream         Form Factor         360 Degrees           Main Stream Supported Resolutions         1280 x 720 (XVGA), 1280 x 960 (720p)         Rugged         IK10           Sub Stream Supported Resolutions         176 x 144 (QCIF), 352 x 288 (CIF), 704 x         Environmental         Vandal proof         Yes           Max. Resolution @ fps         1280x960 @25 fps         Operating temperature         -30 to 60°C           Environment         Indoor				
Main Stream Supported Resolutions  Sub Stream Supported Presolutions  Sub Stream Supported Resolutions  Sub Stream Supported Stream Supported Resolutions  Resolutions From Supported Presolutions Stream Supported Rugged IK10  Environmental Vandal proof Yes  Operating temperature -30 to 60°C  Environment Indoor	•	H.264		
Resolutions Sub Stream Supported Resolutions 576 (4ClF) Max. Resolution @ fps 1280x960 @25 fps  Environmental  Vandal proof Yes Operating temperature -30 to 60°C Environment Indoor		1000 700 (10/04) 1000 000 (700 )		-
Sub Stream Supported Resolutions 576 (4CIF) 176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF) 1280x960 @25 fps 576 (4CIF) 280x960 @25 fps 576 (4CIF) 280x9		1280 x 720 (XVGA), 1280 x 960 (720p)	Ruggea	IK1U
Resolutions 576 (4CIF) Vandal proof Yes  Max. Resolution @ fps 1280x960 @25 fps Operating temperature -30 to 60°C  Environment Indoor		176 v 144 (OCIE) 250 v 200 (OIE) 704 ··	Environmental	
Max. Resolution @ fps 1280x960 @25 fps Operating temperature -30 to 60°C Environment Indoor				Yes
Environment Indoor				
	max. Hesolution & 1ps	1200/200 @20 100		
IF = (AIIIII) . 14			IP-rating	54

## TVF-1103

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

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

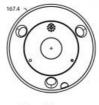
Alaitti	
Alarm Input:	NA
Alarm Output:	NA

#### Mechanical / Environmental

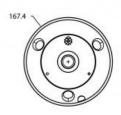
Dimensions:	Ø 167 $\times$ 45 mm (Ø 6.6 $\times$ 1.77 in)
Weight:	767g (1.43lb)
Operating Temperature:	-30° to 60°C (-22° to 140°F) (-22°F to 140°F)

#### Accessories

710003301103	
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

