



## Product Data Sheet

# TVP-1105

TruVision™ 2 MPX Full HD Surface Mount 20X PTZ dome, PAL

### Overview

TruVision IP Full HD 2 MPX PTZ gives you a full-functional dome that allows you to enjoy all the benefits of a PTZ solution in high definition.

### PTZ technology

This series of H.264 PTZ solutions makes use of the latest available technology that allows the dome to be installed in a wide range of applications and environmental conditions. They are available with IP66-rated standard outdoor pendant housings as well as flush and surface-mount indoor housings.

This latest PTZ solution is equipped with high quality progressive scan imaging technology.



### Compression & streaming

The TruVision Full HD IP PTZ camera uses H.264 compression technology with dual-streaming capability, making it easy to manage the camera's bandwidth usage. Fully designed to adhere to the ONVIF and PSIA open communication standards as well as supporting a CGI command set, the camera allows for simple integration into any IP system. Video streams can be set up for high or low bandwidth, and images can be streamed for live viewing or sent to a designated recording location.

### Additional Features

**ROI** - This feature helps you to optimize image bandwidth and storage. You can select an important area of detail or ROI (Region of interest) in a stream, such as a number plate or face. The ROI area will have a higher quality image and the non-ROI areas will have a lower image quality thereby saving bandwidth.

**Intelligent tracking** - This is used to track a moving object or person in a selected region.

### Standard Features

- 1/3" Progressive Scan CMOS
- 2 MPX Full HD sensor
- Full HD 1080p Real-Time
- H.264 Advanced compression technology
- ONVIF/PSIA/CGI compliant
- Models include 7 alarm inputs and 2 relay output
- 256 preset positions, 8 preset tours and 4 shadow tours
- 360° endless rotation
- 540°/s Pan Preset Speed and 400°/s Tilt Preset Speed
- Auto-flip image
- Intelligent tracking
- ROI encoding of a selected area in the image
- Built-in SDHC card slot
- For Surface Mount

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## Specifications

Camera		
Sensor Size:	1/3"	
SD / MPX:	2 MPX	
Sensor scan:	Progressive Scan	
Sensor type:	CMOS	
IP Compression/Standard:	Main stream: H.264 H.264/MJPEG	Sub stream:
Available Resolutions:	Main stream: 1920x1080,1280x960,1280x720 Sub stream: 704x576,352x288,176x144	
Maximum Resolution (@ FPS):	1920x1080 @25 fps	
Maximum Real Time Resolution:	1920x1080	
HD 720p:	Yes	
Full HD 1080p:	Yes	
Composite Output (BNC):	Yes, 1 BNC	
Digital S/N ratio:	50dB	
Electronic shutter:	1/25s to 1/100.000s	
Certification:	UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE	
Lighting performance		
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:	0.05 lux @ F1.6, 1/1s, AGC ON	
B/W sensitivity:	0.005 lux @ F1.6, 1/1s, AGC ON	
B/W trigger:	1lux	
Housing		
Camera type:	Surface mount	
IP rating:	IP54	
Outdoor:	No	
Vandal-Resistant	comes with (IK10) vandal proof bubble:	
PTZ		
Pan:	Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s	
Tilt:	Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s	
Endless Pan:	360°endless	
Auto-flip:	Auto Flip	
Optical zoom:	20X	
Digital zoom:	16X	
Presets:	256	
Lens		
Focal length:	4.7-94mm	
F-stop:	F1.6-F3.5	
Autoiris:	Yes	
Varifocal:	Yes	
Zoom lens:	20x	
Autofocus:	Yes	
Power consumption		
PSU included:	No	
Voltage Input:	24VAC	
Current:	PoE+: Max. 0.5A 24VAC: Max. 1A	
Power Consumption:	PoE+: Max. 25 W 24VAC: Max. 25 W	
PoE:	PoE+(802.3at)	
Network		
ONVIF:	2.2	
PSIA:	1.1	
CGI:	Yes	
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Local Storage		
Media:	Built-in SD/SDHC Slot	
Capacity:	up to 32GB	



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