

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
- EIS (Electronic Image Stabilization)

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Specifications

Camera		Digital zoom: 16X	
Max. Resolution	2 MPX	Presets:	256
Lighting performance		Lens	
Digital Noise Reduction	3D DNR	Focal length:	4.7-94mm
Day/Night	True Day/Night	F-stop:	F1.6-F3.5
Motorized IR Cut Filter	Yes	Autoiris:	Yes
InfraRed (IR)	No	Varifocal:	Yes
Network		Zoom lens:	20x
Supported Video Standards	CGI, ONVIF, PSIA	Autofocus:	Yes
Storage		Power consumption	
Max Storage Capacity	64GB	PSU included:	No
Local Storage Support	No	Voltage Input:	24VAC
General		Current:	PoE+: Max. 0.5A 24VAC: Max. 1A
Technology	IP	Power Consumption:	PoE+: Max. 25 W 24VAC: Max. 25 W
Video Standard	PAL	PoE:	PoE+(802.3at)
Physical		Network	
Form Factor	PTZ	ONVIF:	2.2
Environmental		PSIA:	1.1
Environment	Indoor	CGI:	Yes
Standards & regulation		Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4/IPv6
Camera		Local Storage	
Sensor Size:	1/3"	Media:	Built-in SD/SDHC Slot
SD / MPX:	2 MPX	Capacity:	up to 64GB
Sensor scan:	Progressive Scan	Audio	
Sensor type:	CMOS	Audio:	2-way Audio
IP Compression/Standard:	Main stream: H.264 Sub stream: H.264/MJPEG	Built-in microphone:	No
Available Resolutions:	Main stream: 1920x1080,1280x960,1280x720 Sub stream: 704x576,352x288,176x144	Audio compression:	G.711/G.726
Maximum Resolution (@ FPS):	1920x1080 @25 fps	Camera Analytics	
Maximum Real Time Resolution:	1920x1080	Motion Detection:	Yes
HD 720p:	Yes	Privacy Masking:	24
Full HD 1080p:	Yes	Alarm	
Composite Output (BNC):	Yes, 1 BNC	Alarm Input:	7
Digital S/N ratio:	= 50dB	Alarm Output:	2
Electronic shutter:	1/25s to 1/100.000s	Mechanical/ Environmental	
Certification:	UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE	Part No. Description	
Lighting performance		TVP-1105 TruVision 2 MPX PAL Pan/Tilt/Zoom Dome Surface Mount Indoor, CMOS, True Day/Night, 20X optical zoom, SDHC card slot, PoE+/24Vac	
Wide Dynamic Range:	DWDR	Operating Temperature: PoE+: -10°C (-14°) 24VAC: -10°C (-14°)	
WDR in dB:	NA	Accessories	
Digital noise reduction:	3D DNR	Brackets:	No
Day/Night:	True Day/Night	Power Supplies:	ATD-6814-PSU
Motorized IR Cut Filter:	Yes	Ordering Information	
Color sensitivity:	0.02 lux @ F1.6, 1/1s, AGC ON		
B/W sensitivity:	0.002 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		