

TVP-1101

TruVision 1.3 MPX, PAL, Pan/Tilt/Zoom Dome Pendant Outdoor, CMOS, True D/N, DWDR, Motorized IR Cut Filter, H.264, ONVIF/PSIA, 20X optical zoom, SDHC card slot, PoE+/24Vac

Overview

TruVision IP HD 1.3 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 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.



Details

- 1/3" Progressive Scan CMOS
- 1.3 MPX HD sensor
- HD 960p 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 pendant mount
- · Bracket is not included
- IP66 rated
- Compatible with GEA and UVP accessories
- EIS (Electronic Image Stabilization)

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Technical Specifications

Camera	
Sensor Size	1/3"
Max. Resolution	1.3 MPX
Sensor Scan	Progressive
Sensor Type	CMOS
Total Pixels (H x V)	1280 X 960
Digital S/N ratio (dB)	50 dB
Electronic Shutter	1/25s to 1/100.000s
Sensor Size:	1/3"
SD / MPX:	1.3 MPX
Sensor scan:	Progressive Scan
Sensor type:	CMOS
* *	Main stream: H.264 Sub stream:
ii Compression/Standard.	H.264/MJPEG
Available Resolutions:	Main stream: 1280x960,1280x720 Sub
, wanasio moderatione.	stream: 704x576,352x288,176x144
Maximum Resolution (@ FPS):	1280x960 @25 fps
Maximum Real Time	1280x960
Resolution:	
HD 720p:	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	Digital WDR
(WDR)	OD DND
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	0.002 lux @ F1.4, 1/1s, AGC ON
B/W Trigger	1 lux
InfraRed (IR)	No
Wide Dynamic Range:	DWDR
WDR in dB:	NA 2D DND
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:	0.002 lux @ F1.4, 1/1s, AGC ON
B/W trigger:	1lux
Encoding	11.004
Video Compression Main	H.264
Stream Video Compression Sub	H 264 M IPEG
Video Compression Sub Stream	H.264, M-JPEG
Main Stream Supported	1280 x 720 (XVGA), 1280 x 960 (720p)
Resolutions	470 444 (00)[5] 050 000 (0)[5] 701
Sub Stream Supported	176 x 144 (QCIF), 352 x 288 (CIF), 704 x
Resolutions Max. Resolution @ fps	576 (4CIF) 1280x960 @25 fps
max. Hesolution & Ips	12000000 WZJ IPO

Lens		
Focal length	4.3 - 86.0mm	
F-stop	1.4 - 2.6	
Auto-iris	Yes	
Auto-focus	Yes	
Focal length:	4.3-86.0mm	
F-stop:	F1.4 - F2.6	
Autoiris:	Yes	
Varifocal:	Yes	
Zoom lens:	20x	
Autofocus:	Yes	

Pan/tilt/zoom	
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	Yes
Optical Zoom	20X
Digital Zoom	16X
Preset Positions	256

Network			
Supported Video Standards	CGI, ONVIF, PSIA		
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, Oos, IPv4/IPv6		

	HTPS, FTP, 802.1x, Qos, IPv4/IPv6
Audio	
Audio Compression	G.711, G.726
Audio In	No
Audio Out	2-way audio
Audio:	2-way Audio
Built-in microphone:	No
Audio compression:	G.711/G.726
Alarm I/O	
Alarm Inputs	7
Alarm Outputs	2
Storage	
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Storage			
	Local Storage Support	Yes	
	Local Storage Type	Built-in SD/SDHC Slot	
	Max Storage Capacity	64GB	

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Basic Alarm Detection	Motion
Intelligent Tracking	Yes
General	
Technology	IP
Video Standard	PAL
Electrical	
Operating voltage	24 VAC
Power consumption	PoE+: Max. 25 W
	24VAC: Max. 65 W
Current consumption	PoE+: Max. 0.5A
	24VAC: Max. 2.7A
Physical	
Physical dimensions	220 x 266 mm
Net weight	3.5 kg
Form Factor	PTZ
Rugged	IK10
Environmental	
Operating temperature	PoE+: -30 to +65°C
	24VAC: -40 to +65°C
Cold Start Temperature	PoE+: -30°C
F :	24VAC: -40°C
Environment	Outdoor
Environment IP-rating	
IP-rating Standards & regulati	Outdoor 66 ion
IP-rating	Outdoor 66
IP-rating Standards & regulati	Outdoor 66 ion
IP-rating Standards & regulati Compliancy	Outdoor 66 ion
IP-rating Standards & regulati Compliancy Housing	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE
IP-rating Standards & regulati Compliancy Housing Camera type:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount
IP-rating Standards & regulati Compliancy Housing Camera type: IP rating:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66
IP-rating Standards & regulati Compliancy Housing Camera type: IP rating: Outdoor:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes
IP-rating Standards & regulati Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan
IP-rating Standards & regulation Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant PTZ Pan:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s
IP-rating Standards & regulati Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°-240°/s, Tilt Preset
IP-rating Standards & regulatic Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant PTZ Pan: Tilt:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s
IP-rating Standards & regulatic Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant PTZ Pan: Tilt: Endless Pan:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s 360°endless
IP-rating Standards & regulatic Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant PTZ Pan: Tilt: Endless Pan: Auto-flip:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s 360°endless Auto Flip
IP-rating Standards & regulatic Compliancy Housing Camera type: IP rating: Outdoor: Vandal-Resistant PTZ Pan: Tilt: Endless Pan:	Outdoor 66 ion C-tick, CE, FCC, REACH, RoHS, UL, WEEE Pendant mount IP66 Yes comes with (IK10) vandal proof bubble: Pan Manual Speed: 0.1° -300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s 360°endless

Local Storage

Media:	Built-in SD/SDHC Slot
Capacity:	up to 64GB
Camera Analytics	
Intelligent tracking	Yes
Motion Detection:	Yes
Privacy Masking:	24

Alarm

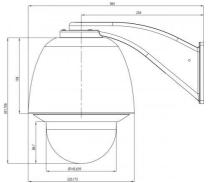
Alarm Input:	7	
Alarm Output:	2	

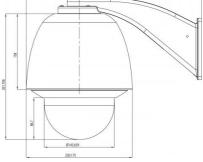
Mechanical/ Environmental

Dimensions:	Ø 220 × 266 mm (Ø 8.66 ×10.5 in)
Weight:	3.5 kg (7.7lb.)
Operating Temperature:	PoE+: -30 to +65°C 24VAC: -40°C~65°C
Cold start Temperature:	PoE+: -30°C 24VAC: -40°C

Accessories

40063501165		
Brackets:	GEA, UVP	
Power Supplies:	ATD-6814-PSU	







No

24VAC

PoE+(802.3at)

PoE+: Max. 0.5A 24VAC: Max. 2.7A

PoE+: Max. 25 W 24VAC: Max. 65 W

Power consumption PSU included:

Power Consumption:

Voltage Input:

Current:

PoE:

