



Product Data Sheet

TVP-2104

TruVision™ 36X, 700 TVL, PAL, Outdoor, Pan/Tilt/Zoom Camera, Pendant mount

Overview

The TruVision™ 960H PTZ line comes with new, full-featured camera options that help you choose the best PTZ for your application. The dome works with multiple vendor systems and can easily be added to an existing system. Available housings are among the most durable in the industry and permit the installation of a dome in a wide range of applications. Choose from two camera modules that feature day/night, digital wide dynamic range and image stabilization.

Two camera options are available in a 23X optical zoom and 36X optical zoom. Both cameras feature true day/night, DWDR, 16X digital zoom and EIS. The DWDR feature is ideal for use in highcontrast lighting conditions and intelligently adjusts the amount of compensation that is required for an ideal image. Digital zoom extends the range of the cameras beyond standard optical zoom lenses. This EIS stabilization feature offers additional image improvements when the camera is installed in areas subject to vibration.

Cameras are mounted into housings featuring alarms and relays for direct wiring to nearby sensors. Indoor and outdoor housings are designed to hold up in a variety of environmental conditions, with standard outdoor housings achieving an IP66 environmental rating, and can operate down to – 30° degrees.

TruVision™ PTZ allows the user to do preset up to 256 positions, repeatable to within ± 0.1 degree. Set areas, privacy masks, and preset and Shadow Tours for maximum surveillance. Set specific operations when the camera is powered on.



Standard Features

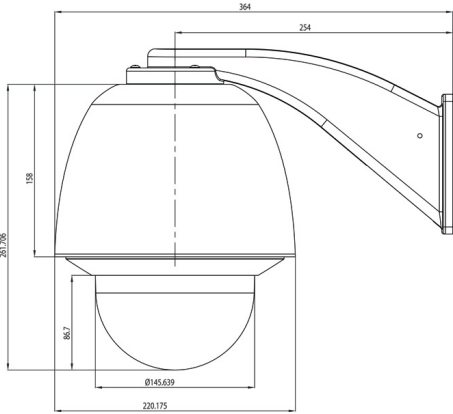
- 1/4inch CCD Interlaced scan
- 960H (700 TVL) resolution
- 24 Privacy Masks
- Models include 7 alarm inputs and 2 relay output
- 256 preset positions, 8 preset tours, and 4 shadow tours
- 360° Endless Rotation
- 540°/s Pan Preset Speed and 400°/s Tilt Preset Speed
- Auto-Flip image
- Compatible with GEA and UVP accessories
- Wall bracket to be ordered separately
- Intelligent tracking

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Specifications

Camera		
Sensor Size	1/4"	
Sensor Scan:	Interlaced	
Sensor Type:	CCD	
Total pixels (H x V):	PAL: 1020 × 596 / NTSC:1020 × 508	
Effective pixels (H x V):	PAL: 976 × 582 / NTSC:976 × 494	
Resolution (color):	700 TVL	
Resolution (B&W):	700 TVL	
Synchronization system:	Internal	
Electronic shutter:	1/3 to 1/10,000s	
Digital S/N ratio:	52 dB (AGC OFF)	
Video signal:	1.0Vp-p	
Certification:	UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE	
Lighting performance		
Wide Dynamic Range:	DWDR	
WDR in dB:	128X	
Digital noise reduction:	3D DNR	
Highlight compensation (HLC):	No	
Day/Night:	True Day/Night	
Motorized IR Cut Filter:	Yes	
Color sensitivity:	0.2Lux @(F1.4,AGC ON)	
B/W sensitivity:	0.02Lux @(F1.4,AGC ON)	
IR sensitivity:	NA	
IR Range:	No	
IR Wavelength:	850 nm	
B/W trigger:	9.5 lux	
IR trigger:	No	
Housing		
Camera type:	Pendant	
IP rating:	IP66	
Outdoor:	Yes	
Rugged:	Yes	
Vandal proof:	Yes	
Cable management:	Yes	
PTZ		
Pan:	Pan Manual Speed: 0.1° to 300°/s	Pan Preset Speed: 540°/s
Tilt:	Tilt Manual Speed: 0.1° to 240°/s Tilt Preset Speed: 400°/s	
Endless Pan:	Yes	
Auto-flip:	Yes	
Optical zoom:	36X	
Digital zoom:	16X	
Presets:	256	
PTZ Protocol:	Interlogix-485, Pelco-P, Pelco-D	
Lens		
Mount type:	Camera Block	
Control type:	Zoom Lens	
Focal length:	3.3 to 119 mm	
F-stop:	F1.4 to F4.2	
Autoiris:	Yes	
Varifocal:	Yes	
Zoom lens:	No	
Autofocus:	Yes	
Power consumption		
PSU included:	No	
Voltage Input:	24 VAC	
Current:	Max. 1.5A	
Power Consumption:	Max. 35W	
Audio		
Audio:	Two-way	
Built-in microphone:	No	
Audio compression:	No	
Camera Analytics		
Motion Detection:	No	
Privacy Masking:	24	
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IPS-Motion Vp-21	7	
Alarm Output:	2	
Mechanical/ Environmental		



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