

## HD-TVI 1080P (2MP) Outdoor IR PTZ Dome Camera w/ 30× Optical Zoom



TVI (Transport Video Interface) • 2MP (1080P) • 30 Optical Zoom f=4~120mm • Pelco D/P • up to 120m (approx. 394ft) IR Distance • High speed 300 rotation • Heater & Blower • UTC support • D-WDR • AC 24V • Wall and Ceiling mount sold separately

It can be widely applied to places requiring wide-area monitoring display, such as rivers, forests, highways, railways, airports, ports, sentries, squares, parks, scenic sites, streets, stations, large venues, outside of residential areas, etc., and the auto tracking function can be applied to the perimeter protection scenes, e.g., the perimeter of airport, harbor, and residential community.

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## FEATURES

- 0 Lux minimum illumination
- Up to 120m IR distance
- IR light MTBF reaching up to 30,000 hours
- 1/3" high performance CMOS, up to 1920 × 1080 resolution
- ±0.1° Preset Accuracy
- Self-adaptive to HIKVISION, Pelco-P/D protocol
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens status after reboot
- Built-in temperature sensor, with display of internal temperature
- Lightning protection, surge protection and voltage transient protection
- IP66 standard (outdoor dome)
- Impact Protection: IEC60068 ~ 2-75 test, Eh, 20J; EN50102, up to IK10
- RS-485 communication diagnosis
- Scheduled PTZ movement
- UTC (Up the Coax) function
- Auto focus, auto white balance, backlight compensation and auto/manual day & night switch
- Privacy masks programmable
- 3D DNR, digital WDR
- 360° endless pan range and -5° ~ 90° tilt range
- 300°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- 0.1° ~ 250°/s Manual Pan Speed and 0.1° ~ 150°/s Manual Tilt Speed
- 256 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol
- 4 patterns, with the total recording time not less than 10 minutes
- Proportional zoom function
- Park action: auto call up of PTZ movement, after a defined time of inactivity

## SPECIFICATIONS

Camera	
Image Sensor	1/3" CMOS
Max. Image Resolution	1920 × 1080
Frame Rate	50Hz:25fps(1280?1080) 60Hz:30fps(1280?1080)

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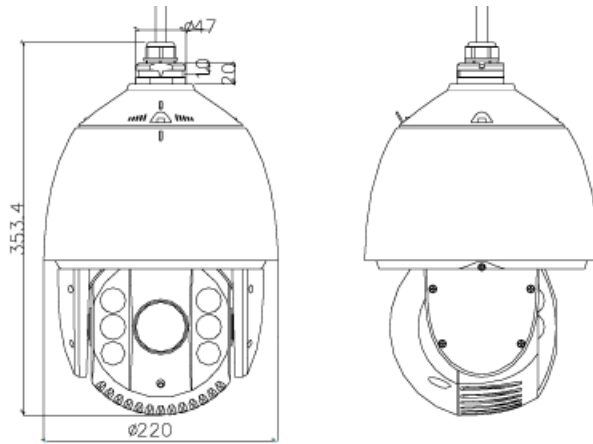
Min.Illumination	Color: 0.02Lux@(F1.6,AGC ON) B/W: 0.002Lux@(F1.6,AGC ON) 0 lux with IR
White Balance	Auto / Manual / ATW / Indoor / Outdoor
AGC	Auto / Manual
S/N Ratio	≥50dB
3D DNR	Support
Backlight Compensation	Support
WDR	Digital WDR
Shutter Time	PAL: 1 ~ 1/10,000s NTSC: 1 ~ 1/10,000s
Day & Night	IR Cut Filter
Digital Zoom	16x
Privacy Mask	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Focus Model	Auto / Semiautomatic / Manual
Lens	
Focal Length	4 ~ 120mm, 30×
Zoom Speed	Approx.3.0s(Optical Wide-Tele)
Angle of View	58 ~ 21.7 degree(Wide-Tele)
Min. Working Distance	10 ~ 1500mm (Wide-Tele)
Aperture	F1.6-F4.4
Pan & Tilt	
Pan Range	360° endless
Pan Speed	Pan Manual Speed: 0.1° ~ 160°/s Pan Preset Speed: 240°/s
Tilt Range	-15° ~ 90° (Auto Flip )
Tilt Speed	Tilt Manual Speed: 0.1° ~ 120°/s Tilt Preset Speed: 200°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of Preset	256

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Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the total recording time not less than 10 minutes
Power-off Memory	Support
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
PTZ Position Display	On / Off
Preset Freezing	Support
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
RS-485 communication diagnosis	Support
Infrared	
IR Distance	120m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Input / Output	
Monitor Output	1 turbo HD 1080p output 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
RS-485 Interface	Half-duplex mode, Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol
UTC function	HIKVISION_C *Need UTC controller if DVR does not support UTC function
General	
Menu Language	English, Chinese
Power	AC 24V Max. 30W(IR: 9W, Heater: 6W)
Working Temperature / Humidity	-30°C ~ 65°C(-22°F ~ 149°F)(outdoor dome) 90% or less
Protection Level	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	ø220 × 353.4mm (ø8.66" × 13.91")

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## DIMENSIONS



unit : mm