

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



TVI (Transport Video Interface) • 2MP (1080P) • 30 Optical Zoom  $f=4\sim 120\text{mm}$  • Pelco D/P • 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

- 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)<br>60Hz:30fps(1280~1080)              |
| Min.Illumination      | Color: 0.02Lux@(F1.6,AGC ON)<br>B/W: 0.002Lux@(F1.6,AGC ON) |
| White Balance         | Auto / Manual / ATW / Indoor / Outdoor                      |

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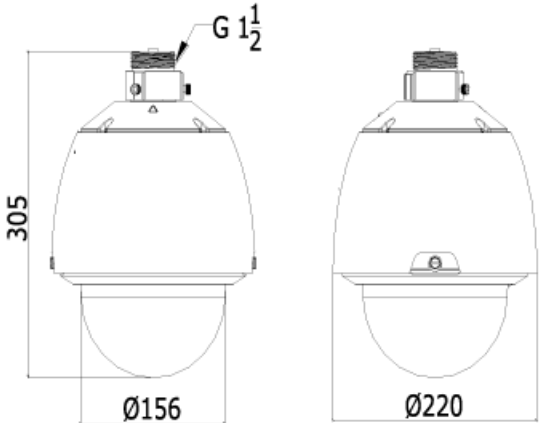
|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| AGC                    | Auto / Manual                                                                                            |
| S/N Ratio              | ≥50dB                                                                                                    |
| 3D DNR                 | Support                                                                                                  |
| Backlight Compensation | Support                                                                                                  |
| WDR                    | Digital WDR                                                                                              |
| Shutter Time           | PAL: 1 ~ 1/10,000s<br>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, 30X                                                                                           |
| Zoom Speed             | Approx.3.0s(Optical Wide-Tele)                                                                           |
| Angle of View          | 58 ~ 1.7 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° ~ 250°/s<br>Pan Preset Speed: 300°/s                                              |
| Tilt Range             | -5° ~ 90° (Auto Flip )                                                                                   |
| Tilt Speed             | Tilt Manual Speed: 0.1° ~ 150°/s<br>Tilt Preset Speed: 200°/s                                            |
| Proportional Zoom      | Rotation speed can be adjusted automatically according to zoom multiples                                 |
| Number of Preset       | 256                                                                                                      |
| 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                                                                                                  |

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|                                |                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------|
| 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                                                                                             |
| Input / Output                 |                                                                                                     |
| Monitor Output                 | 1 turbo HD 1080p output<br>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<br>*Need UTC controller if DVR does not support UTC function                            |
| General                        |                                                                                                     |
| Menu Language                  | English, Chinese                                                                                    |
| Power                          | AC 24V<br>Outdoor dome: Max. 20W (Heater On), Max. 12W(Heater Off)                                  |
| Working Temperature / Humidity | -30°C ~ 65°C(-22°F ~ 149°F)(outdoor dome) / -10°C ~ 50°C(14°F ~ 122°F)(indoor dome ) 90% or less    |
| Protection Level               | IP66 standard<br>TVS 4,000V lightning protection, surge protection and voltage transient protection |
| Impact Protection              | Outdoor: IEC60068 ~ 275Eh, 20J; EN50102, up to IK10                                                 |
| Mounting                       | Various mounting modes optional                                                                     |
| Dimensions                     | ø220 × 305mm (ø8.66" × 12.00")(Outdoor)                                                             |

## DIMENSIONS

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unit : mm