



# HD-TVI Video Surveillance Solutions



## HIS-HDXTP2230X

**HD**max Series 1080p 30x PTZ Sped Dome Camera

### Features

1/3" high performance CMOS HD-TVI 1080P Outdoor 30x PTZ dome Camera

- 1/3" high performance CMOS, up to 1920×1280 resolution
- ±0.1° Preset Accuracy
- Self-adaptive to 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)
- RS-485 communication diagnosis
- Scheduled PTZ movement
- UTC(Up the Coax) function
- 360° endless pan range and -5°-90° tilt range
- 24VAC

| Specifications        |   |
|-----------------------|---|
| Model Number          | HIS-HDXPT2230X  |
| Image Sensor          | 1/3" CMOS   |
| Max. Image Resolution | 1920 x 1080   |
| Frame Rate            | 60Hz:30fps(1920 x1080)                                    |
| Min. Illumination     | Color: 0.02Lux@(F1.6,AGC ON), B/W: 0.002Lux@(F1.6,AGC ON) |
| HD Video Output       | 1 HD-TVI out (up to 1200ft with RG59U 95%)                |
| White Balance         | Auto / Manual / ATW / Indoor / Outdoor                    |
| AGC                   | Auto / Manual   |

| Specifications                 |  |
|--------------------------------|--|
| S / N Ratio                    | ≥ 50dB   |
| 3D DNR                         | Support  |
| Backlight Compensation         | Support  |
| WDR                            | Digital WDR  |
| Shutter Time                   | NTSC: 1-1/10,000s  |
| Day & Night                    | IR Cut Filter  |
| Optical Zoom                   | 30X  |
| Digital Zoom                   | 16x  |
| Alarm I/O                      | 2/1  |
| Focus Model                    | Auto / Semiautomatic / Manual  |
| 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 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,  |
| Tilt Speed                     | Tilt Manual Speed: 0.1°-150°/s, 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  |
| Park Action                    | Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan /<br>Random scan / Panorama scan |
| PTZ Position Display           | On / Off   |
| Preset Freezing                | Support  |
| Scheduled Task                 | Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan /<br>Random scan / Panorama scan |
| Monitor Output                 | 1 HD-TV1080p output<br>1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC                           |
| RS-485 Interface               | Half-duplex mode<br>Self-adaptive Pelco-P, Pelco-D protocol                                    |
| RS-485 communication diagnosis | Pelco-P, Pelco-D, OSD (UTC control) via DVR  |
| Menu Language                  | English, Chinese   |

| Specifications                 |  |
|--------------------------------|--|
| Power                          | 24VAC<br>Outdoor dome: Max. 20W (Heater On), Max. 12W(Heater Off)<br>Indoor dome: Max.12W                          |
| Working Temperature / Humidity | -30 °C-65°C(-22°F-149°F)(outdoor dome) / -10°C-50°C(14°F-122°F)(indoor dome )<br>90% or less                       |
| Protection Level               | IP66 standard (outdoor dome)<br>TVS 4,000V lightning protection, surge protection and voltage transient protection |
| Impact Protection              | IK10   |
| Dimension                      | Ø220 x 353.4mm(8.66" x13.91")  |
| Weight                         | 12.13lbs   |