

# PTZH213X23/PTZH213X23-C

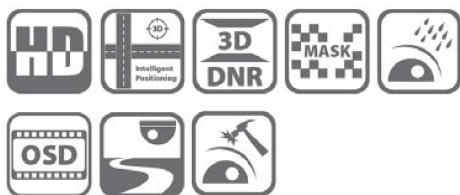
## 720P TVI PTZ Dome Camera



PTZH213X23



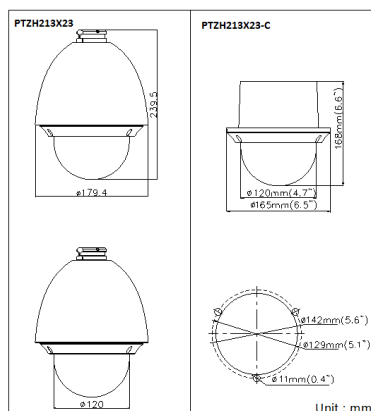
PTZH213X23-C



### Key features

- 1.3MP CMOS Image Sensor
- 720P Video Output
- Adopts HDTVI Technology
- 23X optical zoom, 16X digital zoom
- OSD Menu via UTC technology
- Privacy Masking, 3D DNR, D-WDR, EIS
- 3D intelligent positioning
- True Day&Night
- 4-inch bubble

### Dimensions



|                                | PTZH213X23/PTZH213X23-C                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>                  |                                                                                                                    |
| Image Sensor                   | 1 / 3" Sensor                                                                                                      |
| Effective Pixel                | 1400K                                                                                                              |
| Max. Image Resolution          | 1280×720                                                                                                           |
| Resolution                     | 50Hz: 50fps(1280×720), 25fps(1280×720) ; 60Hz: 60fps(1280×720), 30fps(1280×720)                                    |
| Min. Illumination              | Color: 0.05Lux@( F1.6,AGC ON) ; B/W: 0.01Lux@( F1.6,AGC ON)                                                        |
| White Balance                  | Auto / Manual / ATW / Indoor / Outdoor                                                                             |
| AGC                            | Auto / Manual                                                                                                      |
| S / N Ratio                    | ≥ 50dB                                                                                                             |
| 3D DNR                         | Support                                                                                                            |
| Digital WDR                    | Support                                                                                                            |
| EIS                            | Support                                                                                                            |
| Backlight Compensation         | Support                                                                                                            |
| Shutter Time                   | 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                                                                                      |
| <b>Lens</b>                    |                                                                                                                    |
| Focal Length                   | 4-92mm, 23X                                                                                                        |
| Zoom Speed                     | Approx.3s(Optical Wide-Tele)                                                                                       |
| Angle of View                  | 49-2.2 degree(Wide-Tele)                                                                                           |
| Min. Working Distance          | 10-1000mm (Wide-Tele)                                                                                              |
| Aperture                       | F1.6-F3.7                                                                                                          |
| <b>Pan and Tilt</b>            |                                                                                                                    |
| Pan Range                      | 360° endless                                                                                                       |
| Pan Speed                      | Pan Manual Speed: 0.1° -160° /s , Pan Preset Speed: 160° /s                                                        |
| Tilt Range                     | 0° -90° (Auto Flip)                                                                                                |
| Tilt Speed                     | Tilt Manual Speed: 0.1° -120° /s , Tilt Preset Speed: 120° /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 / 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                                                                                                            |
| <b>Input / Output</b>          |                                                                                                                    |
| Monitor Output                 | 1 HD TVI output , (1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC)                                                  |
| CVBS Output                    | 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC                                                                      |
| Alarm Input                    | 2                                                                                                                  |
| Alarm Output                   | 1                                                                                                                  |
| RS-485 Interface               | Half-duplex mode , Pelco-P, Pelco-D protocol                                                                       |
| UTC function                   | Self-adaptive PELCO _C                                                                                             |
| <b>General</b>                 |                                                                                                                    |
| Menu Language                  | English                                                                                                            |
| Power                          | 24 VAC , PTZH213X23: Max.18 W(heater: 6W) , PTZH213X23-C: Max.12W                                                  |
| Working Temperature / Humidity | -22° F-149° F(-30° C-65° C)(PTZH213X23) /14° F-122° F(-10° C-50° C)(PTZH213X23-C) ; 90% or less                    |
| Protection Level               | IP66 standard (PTZH213X23) ;<br>TVS 4,000V lightning protection, surge protection and voltage transient protection |
| Dimensions                     | Φ 7.06" × 9.43" (Φ 179.4×239.5mm)(PTZH213X23)<br>Φ 6.50" × 6.61" (Φ 165× 168mm) (PTZH213X23-C)                     |
| Weight (approx.)               | 4.41lbs (2Kg) (PTZH213X23)<br>4.41lbs(2Kg) (PTZH213X23-C)                                                          |