



# HNP112-IR-25X



## FEATURES

### 2MP 25X Mini Network IR PTZ Dome Camera

- 1/2.8" Progressive Scan CMOS
- 1080P Full HD resolution
- 25X Optical zoom, 16X digital zoom
- Up to 300ft IR distance
- Day/Night, D WDR , 3D DNR
- 3D intelligent positioning
- 12VAC power supply and POE
- Compact-sized design

| Specifications          |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| Model Number            | HNP112-IR/25X                                                                  |
| Image sensor            | 1/2.8" Progressive Scan CMOS                                                   |
| Effective pixel         | 1920(H) ×1080(V)                                                               |
| Min. illumination       | Color: 0.005 Lux@(F1.6, AGC On) ; B/W: 0.001Lux@(F1.6, AGC On) ; 0 lux with IR |
| White balance           | Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp                       |
| AGC                     | Auto / Manual                                                                  |
| S / N ratio             | ≥ 52dB                                                                         |
| Digital noise reduction | 3D DNR                                                                         |
| Backlight compensation  | HLC/BLC                                                                        |
| Wide Dynamic Range      | Digital WDR                                                                    |
| Shutter speed           | 1/1 ~ 1/10,000s                                                                |
| Day & Night             | IR Cut Filter                                                                  |

| Specifications          |                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Digital zoom            | 16X                                                                                                                                   |
| Focus mode              | Auto / Semiautomatic / Manual                                                                                                         |
| Privacy Mask            | 2 privacy masks programmable                                                                                                          |
| Focal length            | 4.8 ~ 120mm, 25X                                                                                                                      |
| Zoom speed              | Approx.1s (Optical Wide-Tele)                                                                                                         |
| Angle of view           | 57.6~2.5 degree (Wide-Tele)                                                                                                           |
| Min. working distance   | 10 ~ 1500mm (Wide-Tele)                                                                                                               |
| Aperture range          | F1.6 ~ F3.5                                                                                                                           |
| Pan / Tilt range        | Pan: 360° endless; Tilt: -10° ~ 90°(Auto Flip)                                                                                        |
| Pan / Tilt speed        | Pan manual speed: 0.1° ~ 160°/s, Pan preset speed: 160°/s 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                                                                                                |
| Park action             | Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan                                                                       |
| Power-off memory        | Support                                                                                                                               |
| PTZ position display    | Support                                                                                                                               |
| Preset freezing         | Support                                                                                                                               |
| Scheduled task          | Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Alarm output |
| Video output            | 1.0V[p-p] / 75Ω, PAL or NTSC composite, BNC                                                                                           |
| Audio input             | 1 Mic in/Line in interface, Line input: 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%                                                    |
| Audio output            | 1 Audio output interface, Line level, impedance: 600Ω                                                                                 |
| IR distance             | Up to 300 ft                                                                                                                          |
| IR intensity            | Automatically adjusted, depending on the zoom ratio                                                                                   |
| Ethernet                | 10Base-T / 100Base-TX, RJ45 connector                                                                                                 |
| Max. image resolution   | 1920×1080                                                                                                                             |
| Frame rate              | 50Hz: 25 fps (1920×1080), 25 fps (1280×720); 60Hz: 30 fps (1920×1080), 30 fps (1280×720)                                              |
| Image compression       | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                               |
| Audio compression       | G.711u / G.711a / G.726 / MP2L2                                                                                                       |
| Protocols               | IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE              |
| Simultaneous live view  | Up to 6                                                                                                                               |
| Streams                 | Dual streams                                                                                                                          |
| SD memory card          | Built-in micro SD card slot, up to 128GB                                                                                              |
| User/Host Level         | Up to 32 users, 3 Levels: Administrator, Operator, User                                                                               |
| Security measures       | User authentication (ID and PW), Host authentication (MAC address), IP address filtering                                              |
| Application programming | Open-ended API, support Onvif, PSIA and CGI                                                                                           |
| Web Browser             | IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+                                                                                         |

| Specifications      |                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------|
| Power               | 12 VDC / POE, Max 20W                                                                                    |
| Working temperature | -30°C ~ 65°C (-22°F ~ 149°F)                                                                             |
| Humidity            | 95% or less                                                                                              |
| Protection level    | IP66 (outdoor model); TVS 4,000V lightning protection, surge protection and voltage transient protection |
| Dimensions          | Φ155×235mm (Φ6.10"×9.25")                                                                                |
| Weight              | 4.41 Lbs                                                                                                 |
| Wall, Pendant Mount | W: HTH-602ZJ, P: HTH-661ZJ, HTH-662ZJ                                                                    |
| Pole, Corner Mount  | P: HTH-602ZJ-POLE, C: HTH-602ZJ-CORNER                                                                   |