**HNP1A14-IR/25X**

**4 MP 25× Network IR PTZ Camera**



   

   

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| HNP1A14-IR/25X 4 MP 25× Network IR PTZ Camera adopts 1/2.5" progressive scan CMOS chip. With the 25× optical zoom lens, the camera offers more details over expansive areas.This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc. | **Key Features*** 1/2.5" progressive scan CMOS
* Up to 2560 × 1440 resolution
* Min. illumination:

Color: 0.005 Lux @(F1.6, AGC ON)B/W: 0.001 Lux @(F1.6, AGC ON)0 Lux with IR* 25× optical zoom, 16× digital zoom
* 120 dB WDR, 3D DNR, HLC, BLC
* Up to 50 m IR distance
* 12 VDC & PoE+ (802.3 at, class4)
* Support H.265+/H.265 video compression
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**Specification**

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| **Camera Module** |
| Image Sensor | 1/2.5" progressive scan CMOS |
| Min. Illumination | Color: 0.005 Lux @(F1.6, AGC ON)B/W: 0.001 Lux @(F1.6, AGC ON)0 Lux with IR |
| White Balance | Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp |
| AGC | Auto/Manual |
| Shutter Time | 1/1 s to 1/30,000 s |
| Day & Night | IR Cut Filter |
| Digital Zoom | 16× |
| Privacy Mask | 24 programmable privacy masks |
| Focus Mode | Auto/Semi-automatic/Manual |
| WDR | 120 dB WDR |
| **Lens** |
| Focal Length | 4.8 mm to 120 mm, 25× optical |
| Zoom Speed | Approx. 3.2 s (optical lens, wide-tele) |
| FOV | Horizontal field of view: 57.6° to 2.5° (wide-tele)Vertical field of view: 34.4° to 1.4° (wide-tele)Diagonal field of view: 64.5° to 2.9° (wide-tele) |
| Working Distance | 10 mm to 1500 mm (wide-tele) |
| Aperture Range | F1.6 to F3.5 |
| **IR** |
| IR Distance | 50 m |
| Smart IR | Support |
| **PTZ** |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 300°/sPreset Speed: 350°/s |
| Movement Range (Tilt) | From -5° to 90° (auto-flip) |
| Tilt Speed | Configurable, from 0.1°/s to 160°/sPreset Speed: 200°/s |
| Proportional Zoom | Support |
| Presets | 300 |
| Patrol Scan | 8 patrols, up to 32 presets for each patrol |
| Pattern Scan | 4 pattern scans, record time over 10 minutes for each scan |
| Power-off Memory | Support |
| Park Action | Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan |
| PTZ Position Display | Support |
| Preset Freezing | Support |
| Scheduled Task | Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output |
| **Compression Standard** |
| Video Compression | Main Stream: H.265+/H.265/H.264+/H.264Sub-Stream: H.265/H.264/MJPEGThird Stream: H.265/H.264/MJPEG |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.264+ | Support |
| H.265 Type | Main Profile  |
| H.265+ | Support |
| Video Bitrate | 32 Kbps to 16384 Kbps |
| Audio Compression | G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM |
| Audio Bitrate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps (MP2L2) |
| SVC | Support |
| **Smart Feature**  |
| Basic Event Detection | Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output, Exception |
| Smart Detection | Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection |
| Smart Tracking | Manual Tracking, Auto Tracking, Event Tracking |
| ROI encoding | Main stream, sub-stream, and third stream respectively support four fixed areas. |
| Smart Record | ANR (Automatic Network Replenishment), Dual-VCA |
| **Image** |
| Max. Resolution | 2560 × 1440 |
| Main Stream | 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)50fps (1920 × 1080, 1280 × 960, 1280 × 720)60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)60fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) |
| Third Stream | 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus |
| **Network** |
| Network Storage | Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR |
| Alarm Linkage | Alarm actions, such as Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour |
| API | Open-ended, support ONVIF, ISAPI, support SDK and Third-Party Management Platform |
| Simultaneous Live View | Up to 20 channels |
| User/Host | Up to 32 users. 3 levels: Administrator, Operator and User |
| Security Measures | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering |
| Client | CMS, Guarding Vision |
| Web Browser | IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51 |
| **Interface** |
| Audio Interface | 1-ch audio input and 1-ch audio output |
| Alarm Interface | 2-ch alarm input and 2-ch alarm input |
| Network Interface | 1 RJ45 10 M/100 M Ethernet Interface; PoE+ (802.3 at, class4) |
| **General** |
| Power | 12 VDC & PoE+ (802.3 at, class4), Max.:18 W (IR Max.5 W) |
| Working Temperature | -30°C to 65°C (-22°F to 149°F) |
| Working Humidity | ≤ 90% |
| Protection Level | IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Material | ADC12, PC, PC+ABS, SUS304, POM |
| Dimensions | Φ 169 mm × 161 mm (Φ 6.65" × 6.34") |
| Weight | Approx. 2.45 kg (5.40 lb) |

**Order Model**

HNP1A14-IR/25X, 12 VDC & PoE+ (802.3 at, class4)

**Dimensions**



**Accessories**

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|  | 1605ZJ | Wall Mounting Bracket |
|  | 1671ZJ-SD11 | In-ceiling Mounting Bracket |
|  | 1280ZJ-SD11 | Junction Box |
|  | 1691ZJ-(M)(L) | Pendant Mounting Bracket |
|  | 1100KI | Network Keyboard |
|  | 1005KI | USB Joy-stick |