**HNP315-IR/30X**

**E Series 5MP 30× IR Network Speed Dome**



   

 

|  |  |
| --- | --- |
| HNP315-IR/30X 5MP 30× IR Network Speed Domes adopt 1/1.9" progressive scan CMOS chip. With the 30× 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*** 1/1.9" progressive scan CMOS
* Up to 2592 × 1944 resolution
* Min. illumination:

Color: 0.005 Lux @(F1.5, AGC ON)B/W: 0.002 Lux @(F1.5, AGC ON)0 Lux with IR* 30× Optical Zoom, 16× Digital Zoom
* Defog, EIS, 3D DNR, BLC, HLC, Digital WDR
* IR distance up to 150 m
* 24 VAC & Hi-PoE
* Support H.265+/H.265 video compression
 |

**Specification**

|  |  |
| --- | --- |
| **Camera Module** | **HNP315-IR/30X** **E Series 4MP 30× IR Network Speed Dome** |
| Image Sensor | 1/1.9" progressive scan CMOS |
| Min. Illumination | Color: 0.005 Lux @(F1.5, AGC ON)B/W: 0.002 Lux @(F1.5, AGC ON)0 Lux with IR |
| Shutter Time | 50Hz: 1/1 s to 1/30,000 s60Hz: 1/1 s to 1/30,000 s |
| White Balance | Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp |
| AGC | Auto/Manual |
| Day & Night | IR cut filter |
| Digital Zoom | 16× |
| Privacy Mask | 8 programmable privacy masks |
| Focus Mode | Auto/Semi-automatic/Manual |
| 3D DNR | Support |
| BLC | Support |
| HLC | Support |
| Digital WDR | Support |
| Defog | Support |
| EIS | Support |
| Regional Exposure | Support |
| Regional Focus | Support |
| **Lens** |
| Focal Length | 5.9 mm to 177 mm, 30× Optical Zoom |
| Zoom Speed | Approx. 4.8 s (Optical Lens, Wide-Tele) |
| Horizontal FOV | 51.3° to 2.7° (Wide-Tele) |
| Working Distance | 10 mm to 1500 mm (Wide-Tele) |
| Aperture Range | F1.5 to F3.4 |
| **PTZ** |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s |
| Movement Range (Tilt) | From -15° to 90° (Auto Flip) |
| Tilt Speed | Configurable, from 0.1°/s to 120°/s, Preset 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 Status 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 |
| **Smart Features** |
| Basic Event Detection | Motion Detection, Video Tampering, Alarm Input, Alarm Output, Exception |
| Smart Event Detection | Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection |
| Auto-tracking | Support |
| Smart Record | ANR (Automatic Network Replenishment), Dual-VCA |
| **Infrared** |
| IR Distance | 150 m |
| Smart IR | Support |
| IR Control | IR brightness and angle are intelligently adjustable according to the scenes. |
| **Network** |
| Max. Resolution | 2592 × 1944 |
| Main Stream | 50Hz: 25fps (2592 × 1944, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720)60Hz: 30fps (2592 × 1944, 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 (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| SVC | Support |
| ROI | Main stream, sub-stream and third stream respectively support four fixed areas. |
| Video Compression | Main Stream: H.265+/H.265/H.264+/H.264Sub-Stream: H.265/H.264/MJPEGThird Stream: H.265/H.264/MJPEGH.264 with Baseline/Main/High Profile |
| Audio Compression | G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour |
| Simultaneous Live View | Up to 20 channels |
| User/Host | Up to 32 users, 3 levels: Administrator, Operator and User |
| Security Measures | User Authentication (User ID and Password), Host Authentication (MAC address), HTTPS Encryption, IEEE 802.1x Port-Based Network Access control, IP address Filtering |
| **System Integration** |
| Alarm Input | 2-ch alarm input |
| Alarm Output | 1-ch alarm output |
| Alarm Linkage | Preset, Patrol Scan, Pattern Scan, Memory Card Video Recording, Trigger Recording, E-Map, VCA Capture, Upload to FTP, Send Email, etc. |
| Audio Input | 1-ch audio input |
| Audio Output | 1-ch audio output |
| Network Interface | 1 RJ45 10 M/100 M Ethernet Interface, Hi-PoE |
| Storage | Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NPS, SMB/ CIPS), ANR |
| API | Open-ended, support ONVIF, ISAPI, and CGI, support Third-Party Management Platform |
| Client | CMS, Guarding Vision |
| Web Browser | IE 8+, Chrome 31+, Firefox 30+, Safari 8.0+ web browser |
| **General** |
| Power | 24 VAC & Hi-PoE, Max.: 40 WIR: 19 W |
| Working Temperature | Outdoor: -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 |
| Dimensions | Φ 220 mm × 353.4 mm (Φ 8.66" × 13.91") |
| Weight | Approx. 4.5 kg (9.92 lb) |

**Order Model**

|  |
| --- |
| HNP315-IR/30X |
|  |
| **Dimensions** |

