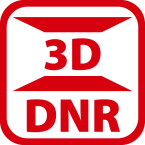
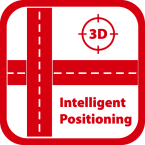
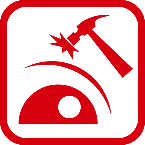
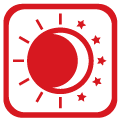
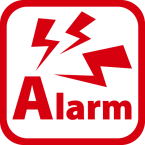
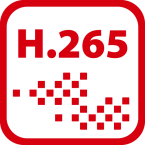
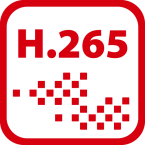
**HNP514A-IR/36X**

**2MP 36× Network IR Speed Dome**



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| --- | --- |
| NP512A-IR/36X 2MP 50× Network IR Speed Dome adopts 1/1.8" progressive scan CMOS chip. With the 36× 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**   * 1/1.8" progressive scan CMOS * Up to 1920 × 1080 resolution * Min. illumination:   Color: 0.005 Lux @(F1.8, AGC ON)  B/W: 0.001 Lux @(F1.8, AGC ON)  0 Lux with IR   * 36× Optical Zoom, 16× Digital Zoom * 120dB WDR, 3D DNR, HLC, BLC * Optical Image Stabilization * Up to 200 m IR distance * 24 VAC &Hi-PoE * Support H.265+/H.265 video compression * Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection * IP67 |

**Specification**

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| --- | --- |
| **Camera Module** | |
| Image Sensor | 1/1.8" progressive scan CMOS |
| Min. Illumination | Color: 0.005 Lux @(F1.8, AGC ON)  B/W: 0.001Lux @(F1.8, 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 polygon privacy masks |
| Focus Mode | Auto/Semi-automatic/Manual |
| Image Stabilization | Optical Image Stabilization |
| WDR | 120dB |
| OIS | Support |
| **Lens** | |
| Focal Length | 36× Optical |
| Zoom Speed | Approx. 4.5 s (optical lens, wide-tele) |
| FOV | Horizontal field of view: 41.3° to 1.1° (wide-tele)  Vertical field of view: 23.6° to 0.6° (wide-tele)  Diagonal field of view: 47.4° to 1.3° (wide-tele) |
| Working Distance | 10 mm to 1500 mm (wide-tele) |
| Aperture Range | F1.8 to F5.5 |
| **IR** | |
| IR Distance | Up to 200 m |
| **PTZ** | |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s |
| Movement Range (Tilt) | From -20° to 90° |
| 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 Position Display | ON/OFF |
| 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.264  Sub-Stream: H.265/H.264/MJPEG  Third 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.722.1/G.726/MP2L2/PCM |
| Audio Bitrate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2) |
| **Smart Feature** | |
| Perimeter Protection | Intrusion, Line Crossing, Region Entrance, Region Exiting  Support alarm triggering by specified target types (human and vehicle)  Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. |
| Event Detection | Face Detection, Audio Exception Detection |
| Smart Tracking | Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking |
| Smart Record | ANR (Automatic Network Replenishment), Dual-VCA |
| ROI | Support |
| **Image** | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)  50fps (1920 × 1080, 1280 × 960, 1280 × 720)  60Hz: 30fps (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) |
| Image Enhancement | HLC/BLC/3D DNR/Defog/ Optical Image Stabilization /Regional Exposure/Regional Focus/Optical Defog |
| SVC | Support |
| **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 Preset, Patrol Scan, Pattern Scan, 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, DHCP, PPPoE, Bonjour |
| API | Open-ended, support ONVIF, and CGI, 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** | |
| Alarm Interface | 7-ch alarm input/2-ch alarm output |
| Audio Interface | 1-ch audio input (applicable microphone, plug-in power type), 2 to 2.4 V[p-p], 1 KΩ ± 10%  1-ch audio output, line level, impedance: 600 Ω |
| Network Interface | 1 RJ45 10 M/100 M Ethernet Interface, Hi-PoE |
| RS-485 | Half duplex, Pelco-P, Pelco-D, self-adaptive |
| BNC | 1.0 V [p-p]/75 Ω, NTSC (or PAL) composite, BNC |
| **General** | |
| Power | 24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W) |
| Working Environment | Temperature: -40°C to 70°C (-40°F to 158°F)  Humidity: ≤ 90% |
| Protection Level | IP67 Standard, IK10 (only supported by camera without wiper), TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Material | Aluminum alloy |
| Dimensions | Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14") |
| Weight | Approx. 8 kg (17.64 lb) |

**Available Model**

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| NP512A-IR/50X |
|  |
| **Dimensions** |



**Accessories**

|  |  |  |
| --- | --- | --- |
|  | 1602ZJ | Wall Mounting Bracket |
|  | 1602ZJ-corner | Corner Mounting Bracket |
|  | 1602ZJ-pole | Vertical Pole Mounting Bracket |
|  | 1602ZJ-box | Wall Mounting Bracket with Junction Box |
| http://www.hikvision.com/uploadfile/image/product/big/20140704153548402.png | 1663ZJ | Ceiling Mounting Bracket |
| http://www.hikvision.com/uploadfile/image/product/big/20121224191322306841.jpg | 1661ZJ | Pendant Mounting Bracket |
| http://www.hikvision.com/uploadfile/image/product/big/20121224191340251082.jpg | 1662ZJ | Pendant Mounting Bracket |
|  | 1619ZJ | Gooseneck Mounting Bracket |
|  | 1100KI | Network Keyboard |
|  | 1005KI | USB Joy-stick |