# XNP-6320H

2M H.265 NW 32x PTZ Camera




## Key Features

- Max. 2MP (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Day & Night (ICR), WDR (150dB)
- DIS with Built-in Gyro sensor
- Auto tracking, Intelligent video analytics
- Memory slot (Max. 512GB)
- IP66, IK10

## Accessories (Optional)


SPB-PTZ7


SBP-303HF


SBP-300WM1


SBP-300WM


SBP-300NB


SBP-300KM


SBP-300CM


SBP-300LM


SBP-300PM


SBP-300B

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|---|---|
| **Video** | |
| Imaging Device | 1/2.8" 2MP CMOS |
| Effective Pixels | 1944(H)x1212(V) |
| Min. Illumination | Color: 0.05Lux(F1.6, 1/30sec)<br>B/W: 0.005 Lux(F1.6, 1/30sec) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation<br>USB: Micro USB Type B, 1280x720 for installation |
| **Lens** | |
| Focal Length (Zoom Ratio) | 4.44~142.6mm(32x) zoom |
| Max. Aperture Ratio | F1.6(Wide)~F4.4(Tele) |
| Angular Field of View | H: 61.8°(Wide)~2.19°(Tele) / V: 36.2°(Wide)~1.24°(Tele) |
| Min. Object Distance | Wide: 1.5m(4.92ft) / Tele: 2.0m(6.56ft) |
| Focus Control | Oneshot AF |
| Lens Type | DC auto iris |
| **Pan / Tilt / Rotate** | |
| Pan Range | 360˚ Endless |
| Pan Speed | Preset: 700˚/sec, Manual: 0.024˚/sec~200˚/sec |
| Tilt Range | 210˚(-15˚~195˚) |
| Tilt Speed | Preset: 700˚/sec, Manual: 0.024˚/sec~200˚/sec |
| Sequence | Preset(300ea), Swing, Group(6ea), Trace, Tour(1ea), Auto Run, Schedule |
| Preset Accuracy | ±0.2˚ |
| Azimuth | Support |
| Auto Tracking | Support |
| **Operational** | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSDR |
| Wide Dynamic Range | 150dB |
| Digital Noise Reduction | SSNR V |
| Digital Image Stabilization | Support(built-in gyro sensor) |
| Defog | Support |
| Motion Detection | 8ea, 8point polygonal zones |
| Privacy Masking | 24ea, polygonal zones<br>- Color: Grey/Green/Red/Blue/Black/White<br>- Mosaic |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror |
| Analytics | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection |
| Serial Interface | RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell) |

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|---|---|
| Alarm I/O | Input 4ea / Output 2ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Alarm output<br>PTZ Preset |
| Audio In | Selectable(mic in/line in)<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| **Network** | |
| Ethernet | RJ-45 (10/100BASE-T), SFP(Optional) |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps/50fps(60Hz/50Hz)<br>MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Smart Codec | Manual(5ea area), WiseStream Ⅱ |
| Bitrate Control | H.264/H.265: CBR or VBR<br>MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast<br>Multiple streaming(Up to 10 profiles) |
| Audio Compression | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps<br>AAC-LC: 48Kbps at 16KHz |
| Protocol | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, SRTP(Unicast) |
| Security | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access log<br>802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB |
| Application Programming Interface | ONVIF Profile S/G<br>SUNAPI(HTTP API)<br>Wisenet open platform |
| Web Viewer | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Memory | 1024MB RAM, 256MB Flash |
| **Environmental** | |
| Operating Temperature / Humidity | 24VAC: -50°C~+55°C(-58°F~+131°F) / Less than 90% RH<br>PoE+: -35°C~+55°C(-31°F~+131°F) / Less than 90% RH |
| Storage Temperature / Humidity | -30°C~+60°C(-22°F ~ +140°F) / Less than 90% RH |
| Certification | IP66, IK10 |
| **Electrical** | |
| Input Voltage | PoE+(IEEE802.3at, Class4), 24VAC |
| Power Consumption | 24VAC: Max 65W |

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## Mechanical

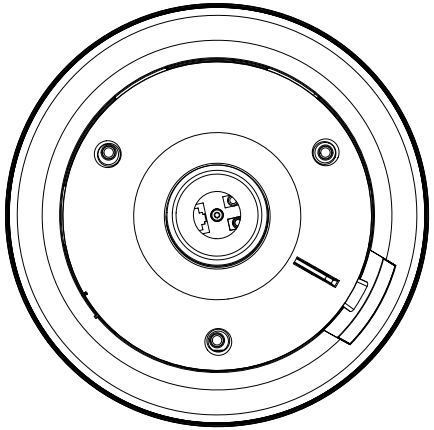
| | |
|---|---|
| Color / Material | Ivory / Plastic+Aluminum |
| Product dimensions / weight | Ø220x293.6mm(8.66x11.56"), 3.3Kg(7.28 lb) |

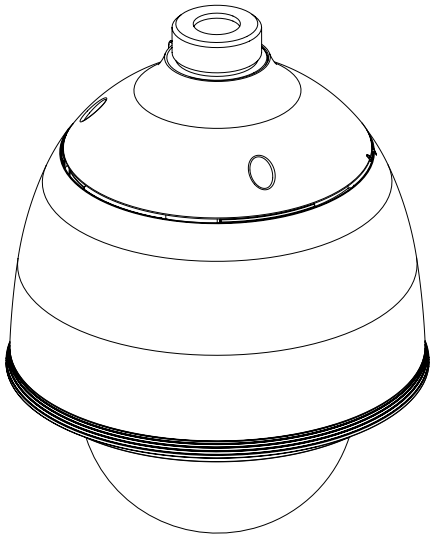
- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

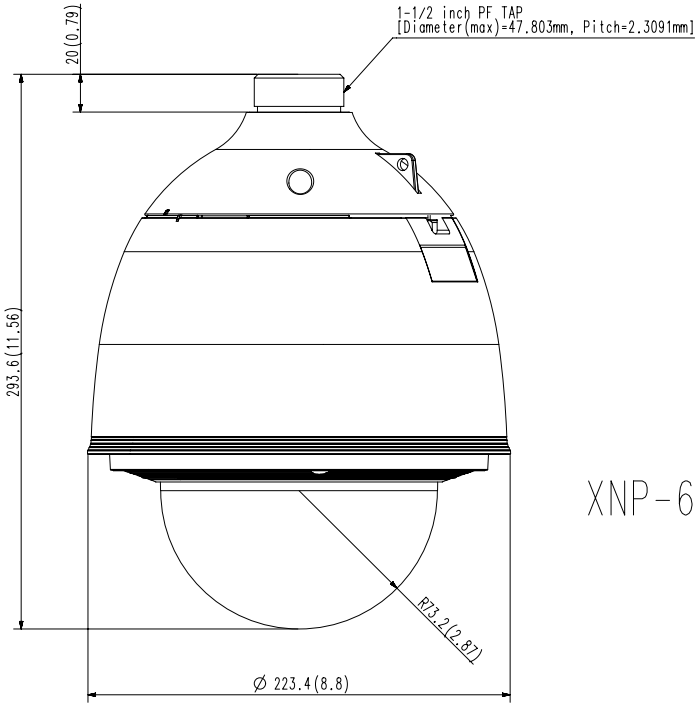
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This parts should not contain any substances which are specified in AH60-0033K

| NO | PART NAME | CODE NO. | MATERIAL | Q'TY | REMARK |
|---|---|---|---|---|---|
| 1 | XNP-6320H | 011657 | MATERIAL | 1 | REMARK |

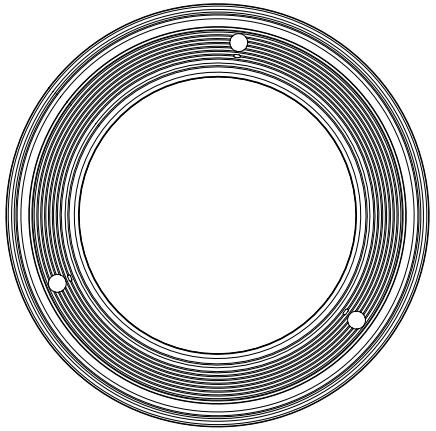







# XNP-6320H / QNP-6230H

Unit : mm(inch)



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|---|---|---|---|---|---|---|
| A2 CHANGE | | | | | | |
| UNIT | mm | DESIGN | CHECK | APPROVAL | PART NAME | XNP-6320H |
| SCALE | 1/1 | Design | Check | Approval | MODEL NAME | MODEL NAME |
| | | 15.08.01 | 15.08.01 | 15.08.01 | | |
| Hanwha Techwin | | | | | CODE NO. | 011657 |