

XNP-6120H

2M H.265 12x PTZ Camera

Network



FC | | CE | EAC

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 5.2 ~ 62.4mm (12x) optical zoom, 32x digital zoom
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night (ICR), WDR (150dB), Intelligent video analytics
- SD/SDHC/SDXC memory slot (Max.512GB)
- IP66, IK10, Bi-directional audio support

Compatible Accessories (Optional)



| Video | |
|-----------------------------|--|
| Imaging Device | 1/2.8" 2.16MP CMOS |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps at all resolutions Motion JPEG: Max. 30fps at all resolutions |
| Min. Illumination | Color: 0.05 Lux (1/30sec, F1.6, 50IRE) B/W: 0.005 Lux (1/30sec, F1.6, 50IRE) Color: 0.03 Lux (1/30sec, F1.6, 30IRE) B/W: 0.003 Lux (1/30sec, F1.6, 30IRE) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 5.2~62.4mm(12x) zoom |
| Max. Aperture Ratio | F1.6(Wide)~F3.0(Tele) |
| Angular Field of View | H: 54.58°(Wide) ~ 5.30°(Tele) / V: 32.19°(Wide) ~ 3.00°(Tele) |
| Min. Object Distance | Wide: 1.5m(4.92ft) / Tele: 2.0m(6.56ft) |
| Focus Control | Auto / Manual / One Shot AF |
| Lens Type | DC auto iris |
| Pan / Tilt / Rotate | |
| Pan Range | 360° Endless |
| Pan Speed | Preset: 350°/sec, Manual: 0.024°/sec ~ 200°/sec |
| Tilt Range | 190°(-5° ~ 185°) |
| Tilt Speed | Preset: 350°/sec, Manual: 0.024°/sec ~ 200°/sec |
| Sequence | Preset (300 ea), Swing, Group (6 ea), Trace, Tour (1 ea), Auto Run, Schedule |
| Preset Accuracy | ±0.2° |
| Operational | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR |
| Wide Dynamic Range | 150dB |
| Digital Noise Reduction | SSNR V |
| Digital Image Stabilization | Support(built-in gyro sensor) |
| Defog | Support |
| Motion Detection | 8ea, polygonal |
| Privacy Masking | 24ea, rectangular zones |
| 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 |

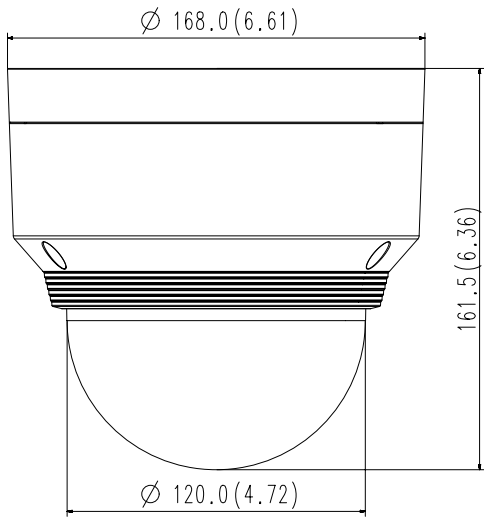
| | |
|--|---|
| Analytics | Tampering, Loitering, Directional Detection, Virtual Line, Enter/Exit, Appear / Disappear, Audio Detection, Sound classification, Auto Tracking, Fog detection - with Metadata |
| Serial Interface | RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell) |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output Preset |
| Audio In | Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| Auto Tracking | Support |
| Coaxial Protocol | Support |
| Network | |
| Ethernet | RJ-45 (10/100BASE-T) |
| Video Compression | H.264 (MPEG-4 Part 10/AVC), H.265, Motion JPEG |
| Audio Compression | G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz |
| Smart Codec | Manual(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Multiple streaming(Up to 10 profiles) |
| 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 |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Application Programming Interface | ONVIF Profile S/G SUNAPI 2.0(HTTP API) Wisenet open platform |
| General | |
| Web Viewer | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB |
| Memory | 1024MB RAM, 256MB Flash |
| Environmental & Electrical | |

| | |
|----------------------------------|---|
| Operating Temperature / Humidity | -30°C ~ +55°C (-22°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 |
| Input Voltage | 12VDC, PoE |
| Power Consumption | Max 12W |

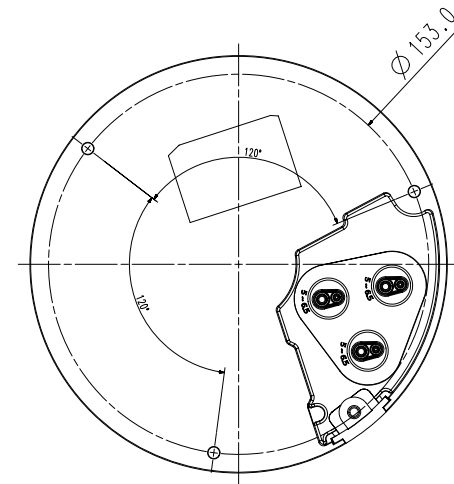
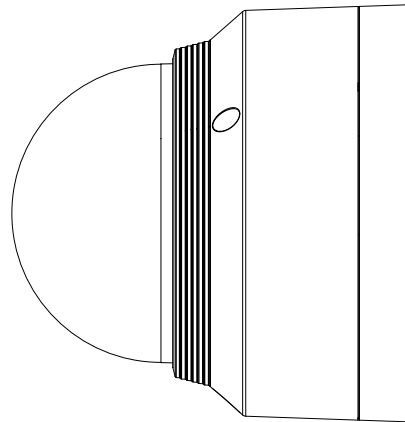
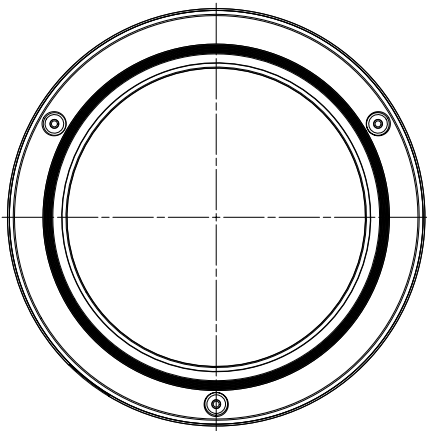
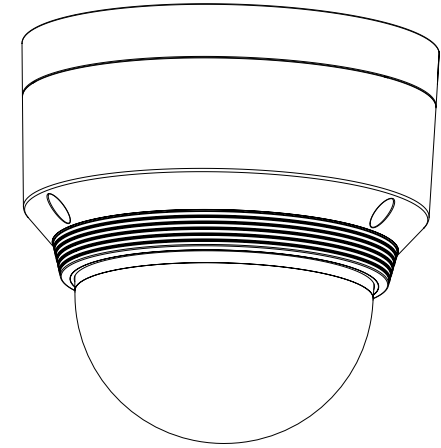
Mechanical

| | |
|-----------------------------|--|
| Color / Material | Ivory / Aluminum |
| Product Dimensions / Weight | Ø168 x 161.5mm(6.61 x 6.36"), 1.9kg(4.19 lb) |

- The latest 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.



XNP-6120H
Unit : mm(inch)



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| MODEL NAME | XNP-6120 |
| CODE NO. | |

Hanwha Techwin