

# XNP-6321H/6321

2MP 32x Network PTZ Dome Camera



XNP-6321H



XNP-6321

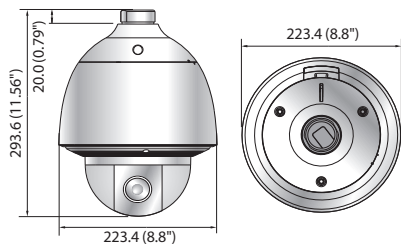
## Key Features

- 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
- Intelligent video analytics
- Dual SD Memory slots (Max. 512GB)
- IP66, IK10 (XNP-6321H),

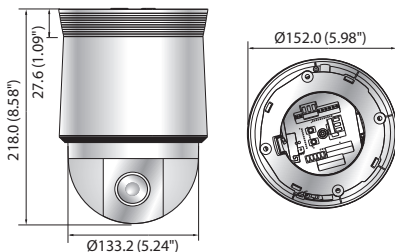
## Dimensions

Unit : mm (inch)

XNP-6321H



XNP-6321



## Accessories (Optional)



|  | XNP-6321H   | XNP-6321 |
|--|---|----------|
| <b>VIDEO</b>                           |   |          |
| Imaging Device                         | 1/2.8" 2.4M CMOS  |          |
| Total / Effective Pixels               | 1,981 (H) x 1,288(V), 2.55M / 1,944(H) x 1,212(V), 2.35M  |          |
| Scanning System                        | Progressive   |          |
| Min. Illumination                      | Color : 0.05Lux (F1.6), B/W : 0.005Lux (F1.6)   |          |
| S / N Ratio                            | 50dB  |          |
| Video Output                           | CVBS : 1.0 Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for installation<br>USB : Micro USB type B, 1280 x 720, for installation  |          |
| <b>LENS</b>                            |   |          |
| Focal Length (Zoom Ratio)              | 4.44 ~ 142.6mm (Optical 32x)  |          |
| 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 : 2m (6.56ft)  |          |
| Focus Control                          | Auto / Manual / One shot AF   |          |
| Lens / Mount Type                      | DC Auto Iris / Board-in type  |          |
| <b>PAN / TILT / ROTATE</b>             |   |          |
| Pan / Tilt Range                       | 360° Endless / 210° (-15° ~ 195°)   |          |
| Pan / 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 / Azimuth              | ±0.2° / Yes (E / W / S / N / NE / NW / SE / SW)   |          |
| <b>OPERATIONAL</b>                     |   |          |
| Camera Title                           | Off / On (Displayed up to 85 characters)<br>- W/W : English / Numeric / Special characters<br>- China : English / Numeric / Special / Chinese characters<br>- Common : Multi-line (Max. 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution                         |          |
| Day & Night                            | Auto (ICR) / Color / B/W / Schedule   |          |
| Backlight Compensation                 | Off / BLC / HLC / WDR   |          |
| Wide Dynamic Range                     | 150dB   |          |
| Contrast Enhancement                   | SSDR (Off / On)   |          |
| Digital Noise Reduction                | SSNRV (2D + 3D Noise filter) (Off / On)   |          |
| Digital Image Stabilization            | Off / On (Built-in Gyro sensor)   |          |
| Defog                                  | Off / Auto / Manual   |          |
| Motion Detection                       | Off / On (8ea, Polygonal)   |          |
| Privacy Masking                        | Off / On (24 zones of rectangle zone)<br>- Color : Gray / Green / Red / Blue / Black / White<br>- Zoom ratio option for mask mode - Mosaic option   |          |
| Gain Control                           | Off / Low / Middle / High   |          |
| White Balance                          | ATW / AWC / Manual / Indoor / Outdoor (included mercury & Sodium)   |          |
| Electronic Shutter Speed               | Minimum / Maximum / Anti flicker (1 ~ 1/12,000sec)  |          |
| Digital Zoom                           | 32x   |          |
| Flip / Mirror                          | Off / On  |          |
| Intelligent video analytics            | Tampering, Loitering, Directional detection, Fog detection, Virtual line, Enter/Exit, (Dis) Appear, Audio detection, Face detection, Motion detection, Sound classification   |          |
| Alarm I/O                              | Input 4ea / Output 2ea (Relay)  |          |
| Remote Control Interface               | RS-485- Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell  |          |
| Alarm Triggers                         | Alarm input, Motion detection, Video & Audio analytics, Network disconnect  |          |
| Alarm Events                           | File upload Via FTP and E-mail, Notification Via E-mail, TCP and HTTP<br>Local storage (SD/SDHC/SDXC) or NAS recording at alarm triggers, External output, Preset Support   |          |
| Pixel counter                          | Support   |          |
| <b>NETWORK</b>                         |   |          |
| Ethernet                               | RJ-45 (10/100 BASE-T)   |          |
| Video Compression Format               | H.265 / H.264 (MPEG-4 part 10/AVC), MJPEG   |          |
| Resolution                             | 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240   |          |
| Max. Frame rate                        | H.265 / H.264 : Max. 60fps at all resolutions, MJPEG : Max. 30fps at all resolutions  |          |
| Smart Codec                            | Manual mode (Area-based : 5ea)  |          |
| WiseStreamII                           | Support   |          |
| Video Quality Adjustment               | H.265 / H.264 / MJPEG : Target bitrate level control  |          |
| Bitrate Control Method                 | H.265 / H.264 : CBR or VBR, MJPEG : VBR   |          |
| Streaming Capability                   | Multiple streaming (Up to 10 profiles)  |          |
| Audio In                               | Selectable (Mic in / Line in), Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2KΩ  |          |
| Audio Out                              | Line out (3.5mm mono jack), Max output level : 1 Vrms   |          |
| Audio Compression Format               | 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  |          |
| Audio Communication                    | Bi-directional (2-way)  |          |
| IP                                     | IPv4, IPv6  |          |
| Protocol                               | TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, SRTP (TCP, UDP Unicast)  |          |
| Security                               | HTTPS(SSL) login authentication, Digest login authentication<br>IP address filtering, User access log, 802.1x authentication (EAP-TLS, EAP-LEAP)  |          |
| Streaming Method                       | Unicast / Multicast   |          |
| Max. User Access                       | 20 users at Unicast mode  |          |
| Edge Storage                           | Micro SD/SDHC/SDXC 2slot (up to 512 GB) - Continuous recording (1st slot to 2nd slot)<br>- Motion images recorded in the SD/SDHC/SDXC memory card can be downloaded.<br>NAS (Network Attached Storage), Local PC for instant recording  |          |
| Application Programming Interface      | ONVIF Profile S/G, SUNAPI 2.0 (HTTP API), Wisenet open platform   |          |
| Webpage Language                       | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek   |          |
| Web Viewer                             | Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Plug-in Free Webviewer<br>- Supported Browser : Google Chrome, MS Edge, Mozilla Firefox (Window 64bit only), Apple Safari 10 (Mac OS X only)<br>Plug-in Webviewer<br>- Supported Browser : MS Explorer 11, Apple Safari 10 (Mac OS X only) |          |
| Central Management Software            | Wisenet WAVE, SmartViewer, SSM  |          |
| <b>ENVIRONMENTAL</b>                   |   |          |
| Operating Temperature / Humidity       | 24V AC : -50°C ~ +55°C (-58°F ~ +131°F)<br>/ Less than 90% RH<br>PoE+ : -35°C ~ +55°C (-31°F ~ +131°F)<br>/ Less than 90% RH<br>* Start up should be done at above -30°C (-22°F)  |          |
| Storage Temperature / Humidity         | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH   |          |
| Ingress Protection / Vandal Resistance | IP66 / IK10   |          |
| <b>ELECTRICAL</b>                      |   |          |
| Input Voltage / Current                | 24V AC ±10%, PoE+ (IEEE802.3at, Class4)   |          |
| Power Consumption                      | Max. 24W (Heater Off), Max. 65W (Heater on, 24V AC) / Max. 20W  |          |
| <b>MECHANICAL</b>                      |   |          |
| Color / Material                       | Ivory / Plastic + Metal   |          |
| Dimensions (WxH)                       | Ø223.4 x 293.6mm (8.8" x 11.56")  |          |
| Weight                                 | 3.3Kg (7.28 lb)   |          |

\* The latest product information / specification can be found at hanwhasecurity.com  
\* Design and specifications are subject to change without notice.  
\* Wisenet is the proprietary brand of Hanwha Techwin.