

# XNV-6010

2M Vandal-Resistant Network Dome Camera

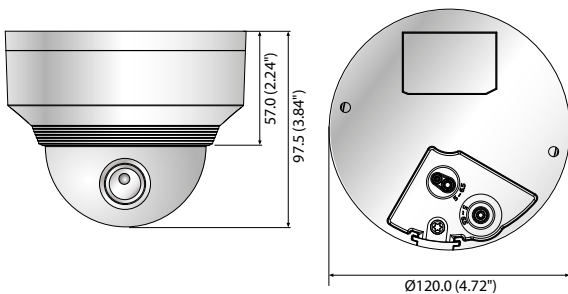


## Key Features

- Max. 2 megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support, IP67/IP66, IK10
- LDC support (Lens Distortion Correction)

## Dimensions

Unit: mm (inch)



## Accessories (Optional)



| XNV-6010                               |   |
|--|---|
| <b>VIDEO</b>                           |   |
| Imaging Device                         | 1/2.8" 2M CMOS  |
| Total Pixels                           | 1,945(H) x 1,109(V) 2.16M   |
| Effective Pixels                       | 1,945(H) x 1,097(V) 2.13M   |
| Scanning System                        | Progressive Scan  |
| Min. Illumination                      | Color: 0.005Lux (F2.0, 1/30sec), B/W: 0.0055Lux (F2.0, 1/30sec)   |
| S / N Ratio                            | 50dB  |
| Video Out                              | CVBS : 1.0Vpp / 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)              | 2.4mm fixed   |
| Max. Aperture Ratio                    | F2.0  |
| Angular Field of View                  | H: 139.0° / V: 73.0° / D: 167.0°  |
| Min. Object Distance                   | 0.4m (1.31ft)   |
| Focus Control                          | Manual  |
| Lens / Mount Type                      | Fixed / Board-in type   |
| <b>PAN / TILT / ROTATE</b>             |   |
| Pan / Tilt / Rotate Range              | 0° ~ 354° / 0° ~ 67° / 0° ~ 355°  |
| <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 (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution   |
| Day & Night                            | Auto (ICR) / Color / B/W / External / Schedule  |
| Backlight Compensation                 | Off / BLC / HLC (Masking / Dimming), 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  |
| Defog                                  | Off / Auto (Input from fog detection) / Manual  |
| Motion Detection                       | Off / On (8ea, 8point polygonal zones), Handover  |
| Privacy Masking                        | Off / On (32ea, Polygonal) - Color: Grey / Green / Red / Blue / Black / White, Mosaic   |
| Gain Control                           | Off / Low / Middle / High   |
| White Balance                          | ATW / AWC / Manual / Indoor / Outdoor (Included mercury & Sodium)   |
| Contrast                               | Level adjustment  |
| LDC (Lens Distortion Correction)       | Off / On (5 levels with min / max)  |
| Electronic Shutter Speed               | Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)  |
| Digital PTZ                            | 24x, Digital PTZ (Preset, Group)  |
| Flip / Mirror                          | Off / On, Hallway view: 90°/270°  |
| Video & Audio Analytics                | Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter / Exit, (Dis)Appear, Audio detection, Face detection, Motion detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management  |
| Alarm I/O                              | Input 1ea / Output 1ea  |
| Alarm Triggers                         | Alarm input, Motion detection, Video & Audio analytics, Network disconnect  |
| Alarm Events                           | File upload via FTP, E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at event triggers, External output, DPTZ preset   |
| Pixel Counter                          | Support   |
| <b>NETWORK</b>                         |   |
| Ethernet                               | RJ-45 (10/100BASE-T)  |
| Video Compression Format               | H.265 / H.264 (MPEG-4 part 10/AVC) : Main / Baseline / High, 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. Framerate                         | H.265 / H.264: Max. 60fps at all resolutions, MJPEG: Max. 30fps   |
| Smart Codec                            | Manual mode (Area-based: 5ea)   |
| WiseStream II                          | Support   |
| Video Quality Adjustment               | H.265 / H.264: Target bitrate level control, 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. 2K Ohm   |
| Audio Out                              | Line out, Max output level: 1Vrms   |
| Audio Compression Format               | G.711 u-law/G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps, AAC-LC: 48Kbps at 8/16/32/48KHz  |
| 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, PIM-SM, UPnP, Bonjour   |
| 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                           | SD/SDHC/SDXC 2slot (Up to 512GB) - Continuous recording (1st slot to 2nd slot)<br>NAS (Network Attached Storage), Local PC for instant recording  |
| Application Programming Interface      | ONVIF profile S/G, SUNAPI (HTTP API), Wisenet Open Platform   |
| Webpage Language                       | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek<br>Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Non-plugin Webviewer<br>- Supported Browser: Google Chrome 54, MS Edge 38, Mozilla Firefox 49 (Window 64bit only),<br>Apple Safari 9 * Mac OS X only |
| Web Viewer                             | Plug-in Webviewer<br>- Supported Browser: MS Explore 11, Apple Safari 9 * Mac OS X only   |
| Central Management Software            | SmartViewer, SSM  |
| <b>ENVIRONMENTAL</b>                   |   |
| Operating Temperature / Humidity       | -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH<br>* Start up should be done at above -20°C (-4°F)  |
| Storage Temperature / Humidity         | -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH   |
| Ingress Protection / Vandal Resistance | IP67, IP66 / IK10   |
| <b>ELECTRICAL</b>                      |   |
| Input Voltage / Current                | 12V DC ±10%, PoE (IEEE802.3af)  |
| Power Consumption                      | Max. 5.5W (12VDC), Max. 6W (PoE)  |
| <b>MECHANICAL</b>                      |   |
| Color / Material                       | Ivory / Metal   |
| Dimensions (WxH)                       | Ø120.0 x 97.5mm (Ø4.72" x 3.84")  |
| Weight                                 | 625g (1.38lb)   |

\* The latest product information / specification can be found at [hanwha-security.eu](http://hanwha-security.eu)  
\* Design and specifications are subject to change without notice.