

# XNV-6085

2M Vandal-Resistant Network Dome Camera (extraLUX)

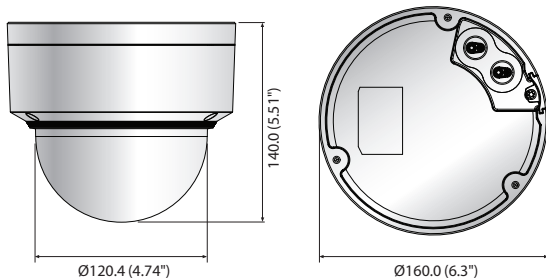


## Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- 0.004 Lux@F0.94 (Color), 0.0004 Lux@F0.94 (B/W)
- Max.60fps@all resoluotns (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, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC / 12V DC, Bi-directional audio Support
- IP67 / IP66, NEMA 4X, IK10 support

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



## XNV-6085

<b>VIDEO</b>	Imaging Device: 1/2" 2.17M CMOS Total Pixels: 1,952(H) X 1,113(V) approx 2.17M pixels Effective Pixels: 1,945(H) X 1,097(V) approx 2.13M pixels Scanning System: Progressive Scan Min. Illumination: Color : 0.004 Lux (1/30sec, F0.94), B/W : 0.0004 Lux (1/30sec, F0.94) S / N Ratio: 50dB Video Out: CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for Installation USB : Micro USB Type B, 1280 x 720 for Installation
<b>LENS</b>	Focal Length (Zoom Ratio): 4.1 ~ 16.4mm (Optical 4x) Max. Aperture Ratio: F0.94(Wide) ~ F2.4(Tele) Angular Field of View: H : 100°(Wide) ~ 26.2°(Tele) / V : 54°(Wide) ~ 14.8°(Tele) / D : 116°(Wide) ~ 30°(Tele) Min. Object Distance: 0.7m (2.30ft) Focus Control: Simple Focus (motorized V/F) / Manual Lens / Mount Type: DC Auto Iris / Board-in Type
<b>PAN / TILT / ROTATE</b>	Pan / Tilt / Rotate Range: ±175° / ±73° / ±175° PTR Control: Remote adjustment (Max. 200 cycles)
<b>OPERATIONAL</b>	Camera Title: Off / On (Displayed up to 85 Characters) - W/W : English / Numeric / Special Characters - China : English / Numeric / Special Characters - Common : Multi-line (Max. 5), Color (Gray / Green / Red / Blue / Black / White), Transparency, Auto scale by Resolution Day & Night: Auto (ICR) / Color / B/W / External / 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) Digital PTZ: 24x, Digital PTZ (Preset, Group) Defog: Off / Auto / Manual Motion Detection: Off / On (Bea, 8point polygonal zones), Handover Privacy Masking: Off / On (32ea, polygonal zones) - Color : Gray / Green / Red / Blue / Black / White - Mosaic Gain Control: Off / Low / Middle / High White Balance: ATW / AWC / Manual / Indoor / Outdoor (Included mercury & Sodium) 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 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 (10/100 BASE-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 : Sea) 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 : 2.5VDC (4mA), Input impedance : approx. 2K Ohm 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 (TCP), RTP (UDP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour Security: HTTPS (SSL) login authentication, Digest login authentication 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) - Motion Images recorded in the SD/SDHC/SDXC memory card can be downloaded. 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, French, German, Spanish, Italian, Chinese, Russian, Japanese, Swedish, Portuguese, Turkish, Polish, Czech, Dutch, Hungary, Greek Supported OS : Windows 7, 8, 10, Mac OS X 10.10, 10.11, 10.12 Non-plugin Webviewer Web Viewer: - Supported Browser : Google Chrome 56, MS Edge 39, Mozilla Firefox 61 (Window 64bit only), Apple Safari 10 (Mac OS X only) Plug-in Webviewer - Supported Browser : MS Explore 11, Apple Safari 10 (Mac OS X only) Central Management Software: SmartViewer, SSM
<b>ENVIRONMENTAL</b>	Operating Temperature / Humidity: -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH * Start up should be done at above -35°C (-31°F) Storage Temperature / Humidity: -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH Ingress Protection / Vandal Resistance: IP67 / IP66, NEMA 4X / IK10
<b>ELECTRICAL</b>	Input Voltage / Current: 24V AC, 12V DC, PoE (IEEE802.3af, Class3) Power Consumption: Max. 13.5W (24V AC), Max. 11.1W (12V DC), Max. 12.1W (PoE)
<b>MECHANICAL</b>	Color / Material: Ivory / Aluminum Dimensions (WxH): Ø160.0 x 140.0mm (Ø6.30" x 5.51") Weight: 1.40kg (3.09 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.