



Network

Dome

# XNV-L6080

2M H.265 Dome Camera



## Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IP66, IK10, PoE support

## XNV-L6080

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### Specifications

| Video                         |                       |                                                                                                                                 |
|-------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Imaging Device                | Size                  | 1/2.8"                                                                                                                          |
|                               | Type                  | CMOS                                                                                                                            |
| Resolution                    |                       | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240               |
| Max. Framerate                | H.265/H.264           | 60fps/50fps(60Hz/50Hz)                                                                                                          |
|                               | MJPEG                 | 30fps                                                                                                                           |
| Min. Illumination (Lux)       | Color(1/30sec, 30IRE) | 0.03                                                                                                                            |
|                               | BW(1/30sec, 30IRE)    | 0.003                                                                                                                           |
| Video Out                     |                       | CVBS: 1.0 Vp-p / 75Ω composite for installation,<br>USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle. |
| Lens                          |                       |                                                                                                                                 |
| Focal Length (mm)             |                       | 3.2~10                                                                                                                          |
| Zoom Ratio                    | Optical               | 3.1x                                                                                                                            |
| Max Aperture Ratio (F number) | Wide                  | 1.6                                                                                                                             |
|                               | Tele                  | 2.9                                                                                                                             |
| Angular Field of View         | Horizontal            | 109.0°~33.2°                                                                                                                    |
|                               | Vertical              | 57.4°~18.7°                                                                                                                     |
|                               | Diagonal              | 132.0°~38.0°                                                                                                                    |
| Min. Object Distance          |                       | 0.5m(1.64ft)                                                                                                                    |
| Focus Control                 |                       | Simple focus, Manual                                                                                                            |
| Lens Type                     |                       | DC auto iris                                                                                                                    |
| Pan / Tilt / Rotate           |                       |                                                                                                                                 |
| Pan / Tilt / Rotate Range     | Pan                   | 0°~354°                                                                                                                         |
|                               | Tilt                  | 0°~67°                                                                                                                          |
|                               | Rotate                | 0°~355°                                                                                                                         |
| Operational                   |                       |                                                                                                                                 |
| Day & Night                   |                       | Auto(ICR)                                                                                                                       |
| Backlight Compensation        |                       | BLC, HLC, WDR, SSDR                                                                                                             |

## Operational

|                                          |                |                                                                                                                                                                                 |
|------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wide Dynamic Range (dB)                  |                | 120                                                                                                                                                                             |
| Digital Noise Reduction                  |                | SSNR V                                                                                                                                                                          |
| Digital Image Stabilization              |                | Support                                                                                                                                                                         |
| Defog                                    |                | Support                                                                                                                                                                         |
| Motion Detection                         | Quantity       | 8ea                                                                                                                                                                             |
|                                          | Shape          | 8point Polygonal zones                                                                                                                                                          |
| Privacy Masking                          | Quantity       | 32ea                                                                                                                                                                            |
|                                          | Shape          | Polygonal zones                                                                                                                                                                 |
|                                          | Color / Option | Gray, Green, Red, Blue, Black, White, Mosaic                                                                                                                                    |
| Gain Control                             |                | Low, Middle, High                                                                                                                                                               |
| White Balance                            |                | ATW, AWC, Manual, Indoor, Outdoor                                                                                                                                               |
| LDC                                      |                | Support                                                                                                                                                                         |
| Electronic Shutter                       | Mode           | Minimum, Maximum, Anti flicker                                                                                                                                                  |
|                                          | Speed Range    | 2~1/12,000sec                                                                                                                                                                   |
| Video Rotation                           |                | Flip, Mirror, Hallway view(90°/270°)                                                                                                                                            |
| Alarm Triggers                           |                | Analytics, Network disconnect                                                                                                                                                   |
| Alarm Events When Alarm Trigger Occurred |                | File upload(image): e-mail/FTP,<br>Notification: e-mail,<br>Recording: SD/SDHC/SDXC or NAS recording at event triggers,<br>Handover: PTZ preset, send message by HTTP/HTTPS/TCP |

## Analytics

|                  |        |                                                |
|------------------|--------|------------------------------------------------|
| Analytics Events | Normal | Defocus detection, Motion detection, Tampering |
|------------------|--------|------------------------------------------------|

## Network

|                                   |                    |                                                                                                                                                                                        |
|-----------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          |                    | RJ-45(10/100BASE-T)                                                                                                                                                                    |
| Video Compression                 |                    | H.265/H.264: Main/Baseline/High, MJPEG                                                                                                                                                 |
| Smart Codec                       |                    | Manual, WiseStream II                                                                                                                                                                  |
| Bitrate Control                   |                    | H.265/H.264: CBR or VBR,<br>MJPEG: VBR                                                                                                                                                 |
| Streaming                         | Unicast            | Up to 20 users                                                                                                                                                                         |
|                                   | Multicast          | Support                                                                                                                                                                                |
|                                   | Multiple Streaming | Up to 5 profiles                                                                                                                                                                       |
| Protocol                          |                    | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, PIM-SM |
| Application Programming Interface | ONVIF              | S, G                                                                                                                                                                                   |
|                                   | Others             | SUNAPI(HTTP API), Hanwha Vision Open Platform                                                                                                                                          |
| Direct Cloud Connection           |                    | Optional (needs gateway)                                                                                                                                                               |

## Security

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| OS / Firmware Protect  | Encrypted firmware, Secure boot, Signed firmware                        |
| User authentication    | Digest authentication                                                   |
| Network authentication | IEEE 802.1X(EAP-TLS, EAP-LEAP)                                          |
| Secure Communication   | HTTPS, WSS(WebSocket Secure)                                            |
| Access Control         | IP-based access control                                                 |
| Data Protect           | Encryption credentials, Encrypt compress for live recording file export |
| Audit                  | Access / System / Event Log management                                  |
| Secure Storage         | SDcard partition encrypt(AES-256)                                       |

## General

|              |                    |                    |
|--------------|--------------------|--------------------|
| Memory       | RAM                | 1GB                |
|              | Flash              | 512MB              |
| Edge Storage | Micro SD/SDHC/SDXC | Max. 256GB x 1slot |

## Environmental & Electrical

|                     |             |                           |
|---------------------|-------------|---------------------------|
| Operating Condition | Temperature | -40°C~+55°C(-40°F~+131°F) |
|                     | Humidity    | 0~90% RH(non-condensing)  |
| Storage Condition   | Temperature | -50°C~+60°C(-58°F~+140°F) |
|                     | Humidity    | 0~90% RH(non-condensing)  |
| Input Voltage       |             | PoE(IEEE802.3af, Class3)  |
| Power Consumption   | PoE         | Max. 11W, typical 5W      |

## Mechanical

|                    |                          |
|--------------------|--------------------------|
| Color              | Ivory                    |
| Material           | Aluminum                 |
| Product Dimensions | ø160x118.5mm(6.30x4.67") |
| Product Weight     | 940g(2.1lb)              |

## Certifications & Standards

|             |                                |
|-------------|--------------------------------|
| Environment | IEC 60529 IP66, IEC 62262 IK10 |
|-------------|--------------------------------|

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**CAD**

**Unit:** mm [inch]

