

Network Dome

# XNV-6011

## 2M H.265 Dome Camera

## Key Features

- Built-in 2.8mm fixed Lens, Max. 60fps (H.265 / H.264)
- WDR (150dB), Defog
- Loitering, Directional detection, Fog detection
- Defocus detection, Digital auto tracking, Heatmap
- People counting, Queue management, Tampering
- Motion Detection, Handover
- microSD / SDHC / SDXC memory slot (Max. 256GB)
- Hallway View, WiseStreamII, IP66, IK10, NEMA4X

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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) | 0.055 |
| | BW(1/30sec, 30IRE) | 0.055 |
| **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)** | | 2.8 |
| **Max Aperture Ratio (F number)** | Wide | 2.0 |
| **Angular Field of View** | Horizontal | 112° |
| | Vertical | 62° |
| | Diagonal | 130° |
| **Min. Object Distance** | | 0.2m(0.66ft) |
| **Lens Type** | | Fixed iris |

### Pan / Tilt / Rotate

| | | |
|---|---|---|
| **Pan / Tilt / Rotate Range** | Pan | 0°~353° |
| | Tilt | 0°~59° |
| | Rotate | 0°~353° |

### Operational

| | |
|---|---|
| **Day & Night** | Auto(Electrical) |
| **Backlight Compensation** | BLC, HLC, WDR, SSDR |
| **Wide Dynamic Range (dB)** | 150 |
| **Digital Noise Reduction** | SSNR V |

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## Operational

| | | |
|---|---|---|
| **Digital Image Stabilization** | | Support |
| **Defog** | | Support |
| **Motion Detection** | Quantity | 8ea |
| | Shape | 8point Polygonal zones |
| **Privacy Masking** | Quantity | 32ea |
| | Shape | 4point Quadrangle 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, Fog detection, Face detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) , Digital auto tracking |
| **Business Intelligence** | Normal | People counting, Queue management, Heatmap |

## Network

| | | |
|---|---|---|
| **Ethernet** | | RJ-45(10/100BASE-T) |
| **Video Compression** | | H.265: Main,<br>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 10 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, LLDP, SRTP(TCP, UDP Unicast), PIM-SM |
| **Application Programming Interface** | ONVIF | S, G, T |
| | Others | SUNAPI(HTTP API), Hanwha Vision Open Platform |

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## 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, SRTP |
| 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 | 256MB |
| Edge Storage | Micro SD/SDHC/SDXC | Max. 256GB x 1slot |

## Environmental & Electrical

| | | |
|---|---|---|
| Operating Condition | Temperature | -30°C~+55°C(-22°F~+131°F) |
| | Humidity | 0~90% RH(non-condensing) |
| | Others | Start up should be done at above -20°C |
| 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. 6.5W |

## Mechanical

| | |
|---|---|
| Color | Ivory |
| Material | Metal |
| Product Dimensions | ø112.8x63.7mm(4.44x2.51") |
| Product Weight | 420g(0.93lb) |

## Certifications & Standards

| | |
|---|---|
| Environment | IEC 60529 IP66, IEC 62262 IK10, NEMA 250 type 4X |

## DORI (EN62676-4 standard)

| | | |
|---|---|---|
| Detect (25PPM/ 8PPF) | Wide | 25.9m(84.98ft) |
| Observe (63PPM/ 19PPF) | Wide | 10.4m(33.99ft) |
| Recognize (125PPM/ 38PPF) | Wide | 5.2m(17.00ft) |
| Identify (250PPM/ 76PPF) | Wide | 2.6m(8.50ft) |

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## CAD

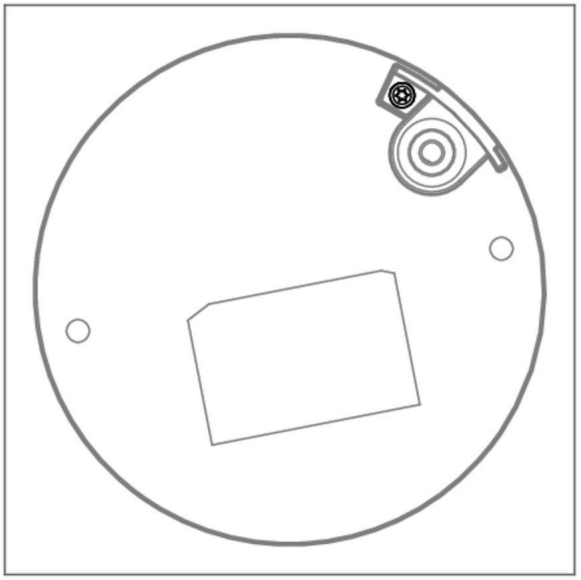
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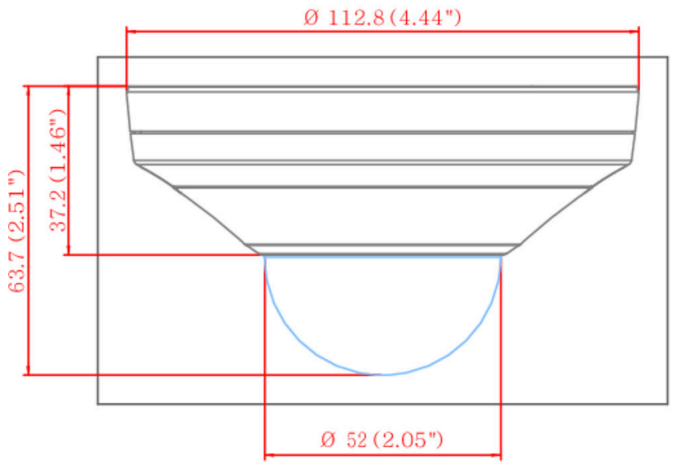
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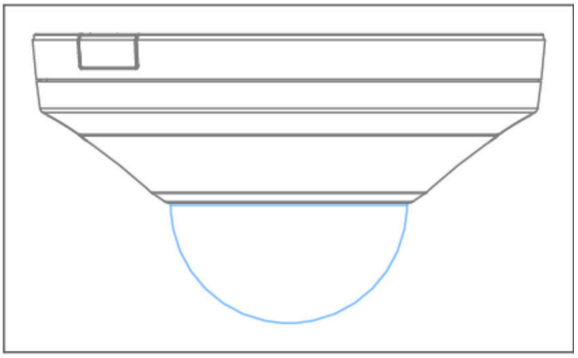
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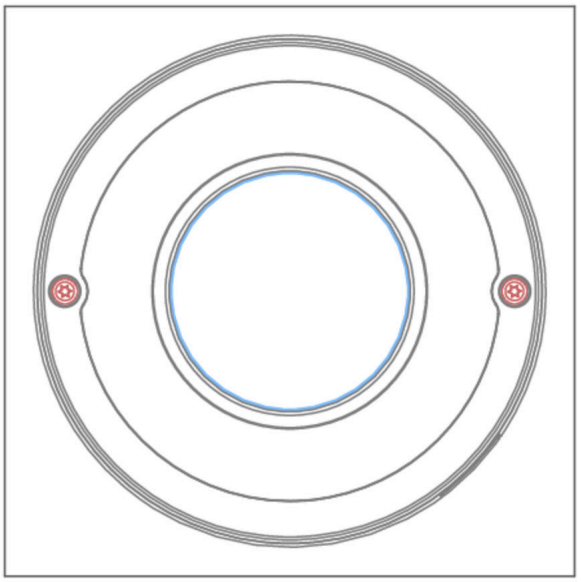
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