

Network Купольные

# XNV-6081R

## 2МП H.265 сетевая купольная камера с ИК-подсветкой

## Key Features

- Макс. разрешение 2 Мп
- 0,015 лк при F1.4 (цветн.), 0 лк (Ч/Б, ИК светодиод вкл.)
- Дневной и ночной (с выдвижным ИК фильтром) режимы, WDR (150/120 дБ)
- Функция обзора коридоров, поддержка WiseStream II
- Видео- и аудиоаналитика, воспроизведение аудио
- Цифровая стабилизация изображения и обнаружение ударов с помощью встроенного гироскопического датчика
- Модульная конструкция, технология PoE, 12 В пост. тока, 24 В перем. тока (по доп. заказу)
- IP66/IP67, 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) | 0.015 |
| | BW(1/30sec, 30IRE) | 0.0015 |
| **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)** | | 2.8~12 |
| **Zoom Ratio** | Optical | 4.3x |
| **Max Aperture Ratio (F number)** | Wide | 1.4 |
| | Tele | 3.6 |
| **Angular Field of View** | Horizontal | 119.5°~27.9° |
| | Vertical | 62.8°~15.7° |
| | Diagonal | 142.1°~32.0° |
| **Min. Object Distance** | | 0.5m(1.64ft) |
| **Focus Control** | | Simple focus, Manual |
| **Lens Type** | | DC auto iris(IR corrected), P iris(IR corrected) |

### Pan / Tilt / Rotate

| | | |
|---|---|---|
| **Pan / Tilt / Rotate Range** | Pan | 0°~360° |
| | Tilt | -45°~85° |
| | Rotate | 0°~355° |

### Operational

| | |
|---|---|
| **Day & Night** | Auto(ICR) |
| **Backlight Compensation** | BLC, HLC, WDR, SSDR |

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## Operational

| | | |
|---|---|---|
| **Wide Dynamic Range (dB)** | | 150 |
| **Digital Noise Reduction** | | SSNR V |
| **Digital Image Stabilization** | | Support(built-in gyro sensor) |
| **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 |
| **Digital PTZ** | | Support |
| **Video Rotation** | | Flip, Mirror, Hallway view(90°/270°) |
| **Alarm Interface** | In/Out | Input 1ea, Output 1ea |
| **Alarm Triggers** | | Analytics, Network disconnect, Alarm input |
| **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,Alarm output,<br>Handover: PTZ preset,send message by HTTP/HTTPS/TCP,Audio clip playback |
| **Audio In** | | Selectable(mic in/line in) |
| **Audio Out** | | Line out |
| **Light Type** | | IR LED |
| **Light Viewable Length** | IR | 50m(164.04ft) |
| **IR Wavelength** | | 850nm |

## Analytics

| | | |
|---|---|---|
| **Analytics Events** | Normal | Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Shock 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 |
| **Audio Compression** | G.711 u-law /G.726 selectable,G.726(ADPCM) 8kHz,G.711 8kHz,<br>G.726: 16kbps,24kbps,32kbps,40kbps,<br>AAC-LC: 48kbps at 16kHz |

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## Network

| | | |
|---|---|---|
| **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 |
| **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), SRTP |
| **Access Control** | IP-based access control |
| **Data Protect** | Encryption credentials, Encrypt compress for live recording file export |
| **Audit** | Access / System / Event Log management |
| **Device ID** | Device certificate(Hanwha Vision Root CA) |
| **Secure Storage** | SDcard partition encrypt(AES-256) |

## General

| | | |
|---|---|---|
| **Memory** | RAM | 1GB |
| | Flash | 256MB |
| **Edge Storage** | Micro SD/SDHC/SDXC | Max. 512GB x 2slot(Total 1TB) |

## Environmental & Electrical

| | | |
|---|---|---|
| **Operating Condition** | Temperature | -50°C~+60°C(-58°F~+140°F) |
| | Humidity | 0~90% RH(non-condensing) |
| | Others | Start up should be done at above -35°C |
| **Storage Condition** | Temperature | -50°C~+60°C(-58°F~+140°F) |
| | Humidity | 0~90% RH(non-condensing) |
| **Input Voltage** | | PoE(IEEE802.3af, Class3), 12VDC, 24VAC |
| **Power Consumption** | PoE | Max 12.95W, typical 10.30W |
| | 12VDC | Max 10.8W, typical 8.40W |
| | 24VAC | Max 13.3W, typical 10.40W |

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## Mechanical

| | |
|---|---|
| **Color** | White |
| **Material** | Aluminum |
| **RAL Code** | RAL9003 |
| **Product Dimensions** | ø180x125mm(7.09x4.92") |
| **Product Weight** | 1750g(3.86lb) |

## Certifications & Standards

| | |
|---|---|
| **Environment** | IEC 60529 IP66, IEC 60529 IP67, ISO 20653 IP6K9K, IEC 62262 IK10+, NEMA 250 type 4X |

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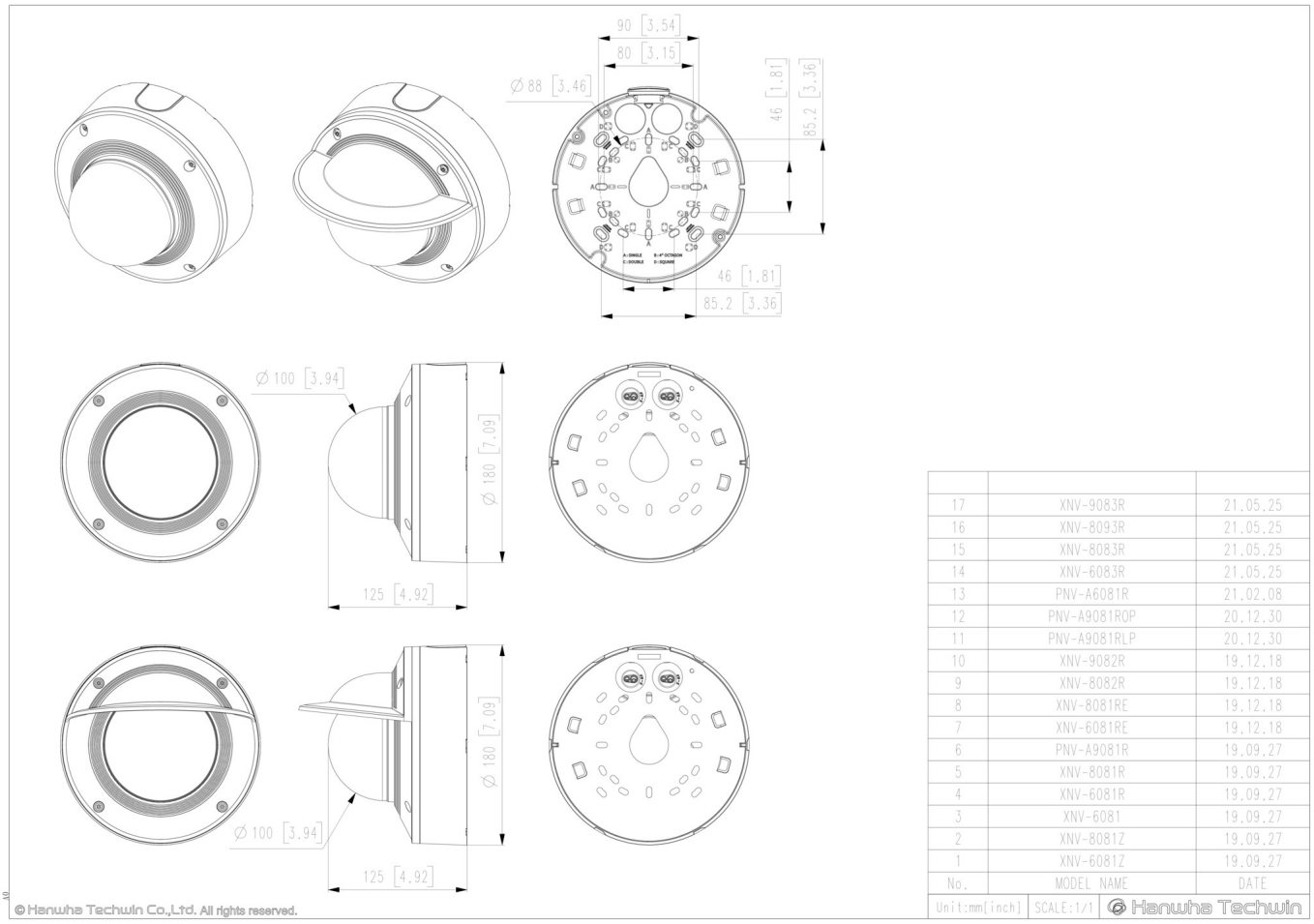
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## CAD

**Unit:** mm [inch]




| No. | MODEL NAME | DATE |
|---|---|---|
| 17 | XNV-9083R | 21.05.25 |
| 16 | XNV-8093R | 21.05.25 |
| 15 | XNV-8083R | 21.05.25 |
| 14 | XNV-6083R | 21.05.25 |
| 13 | PNV-A6081R | 21.02.08 |
| 12 | PNV-A9081ROP | 20.12.30 |
| 11 | PNV-A9081RLP | 20.12.30 |
| 10 | XNV-9082R | 19.12.18 |
| 9 | XNV-8082R | 19.12.18 |
| 8 | XNV-8081RE | 19.12.18 |
| 7 | XNV-6081RE | 19.12.18 |
| 6 | PNV-A9081R | 19.09.27 |
| 5 | XNV-8081R | 19.09.27 |
| 4 | XNV-6081R | 19.09.27 |
| 3 | XNV-6081 | 19.09.27 |
| 2 | XNV-8081Z | 19.09.27 |
| 1 | XNV-6081Z | 19.09.27 |

Unit:mm[inch] | SCALE:1/1 | Hanwha Techwin

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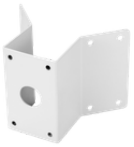
## Compatible Devices



SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-300WMW



SBP-390WMW2



SPB-VAN85W



SBP-300NBW



SBP-300CMW



SBP-187HMW

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