XNV-8082R
6MP Network IR Vandal Dome Camera

Key Features

- 6MP resolution
- 2.8~8.4mm (3x) motorized varifocal
- 0.05Lux@F1.2 (Color), 0Lux (B/W, IR LED on)
- 30fps@6MP (H.265/H.264)
- IR viewable length 131ft (40m)
- Day & Night (ICR), extreme WDR
- DIS with built-in Gyro sensor
- Video Analytics (Defocus detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection, Face/upper body detection, Fog detection, Motion detection, Digital auto tracking)
- Dual SD slots (Maximum total capacity 512GB)
- Modular structure, PoE support
- IP66/IP67/IP6K9K, IK10+, NEMA4X

Accessories (Optional)

SBP-187HMW  SBC-180B  SPB-VAN8SW  SBP-300WMW1  SBP-300CMW  SBP-300PMW  SBP-300KMW
SBP-300LMW  SBP-300NBW  SBP-300BW
### Video

**Imaging Device**
1/2.8” CMOS

**Resolution**
- 3328x1872, 3072x1728, 2592x1944, 2688x1520, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240

**Maximum Framerate**
- H.265/H.264: Maximum 30fps
- MJPEG: Maximum 15fps

**Minimum Illumination**
- Color: 0.05Lux(F1.2, 1/30sec)
- B/W: 0Lux(IR LED On)

**Video Out**
- CVBS: 1.0 Vp-p / 75Ω composite, 720x480 for installation
- USB: Micro USB Type B, 1280x720 for installation

### Lens

**Focal Length (Zoom Ratio)**
2.8~8.4mm(3x) motorized varifocal

**Maximum Aperture Ratio**
F1.2(Wide)~F2.8(Tele)

**Angular Field of View**
- H: 114°(Wide)~40.2°(Tele) / V: 62.0°(Wide)~22.5°(Tele) / D: 133.0°(Wide)~46.3°(Tele)

**Minimum Object Distance**
0.7m (2.23ft)

**Focus Control**
Simple focus

**Lens Type**
DC Auto Iris, P iris

### Pan / Tilt / Rotate

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

### Operational

**Camera Title**
Displayed up to 85 characters

**Day & Night**
Auto(ICR)

**Backlight Compensation**
BLC, HLC, WDR, SDDR

**Wide Dynamic Range**
extremeWDR

**Digital Noise Reduction**
SSNRV

**Digital Image Stabilization**
Support(built-in gyro sensor)

**Defog**
Support

**Motion Detection**
8ea, 8point Polygonal zones

**Privacy Masking**
32ea, polygonal zones
- Color : Gray, Green, Red, Blue, Black, White
- Mosaic

**Gain Control**
Support

**White Balance**
ATW / Narrow ATW / AWC / Manual / Indoor / Outdoor

**LDC**
Support

**Electronic Shutter Speed**
Minimum / Maximum / Anti flicker (1/5~1/12,000sec)

**Video Rotation**
Flip, Mirror, Hallway view(90°/270°)

**Analytics**
Defocus detection, Directional detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification, Shock detection, Face/upper body detection

**Business Intelligence**
People counting, Queue management, Heatmap

**Alarm I/O**
2 configurable I/O ports

**Alarm Triggers**
Analytics, Network disconnect, Alarm input
### Alarm Events
- File upload via FTP and e-mail
- Notification via e-mail
- SD/SDHC/SDXC or NAS recording at event triggers
- Alarm output
- PTZ Preset
- Handover
- Audio playback

### Audio In
- Selectable (microphone in/line in)
- Supply voltage: 2.5VDC (4mA), Input impedance: 2K Ohm

### Audio Out
- Line out, Maximum output level: 1Vrms

### IR Viewable Length
- 40m (131.23ft)

### Network
- Ethernet: Metal shielded RJ-45 (10/100/1000BASE-T)

### Video Compression
- H.265/H.264: Main/High, MJPEG

### Audio Compression
- 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

### Smart Codec
- Manual (Sea area), WiseStream II

### Bitrate Control
- H.264/H.265: CBR or VBR
- MJPEG: VBR

### Streaming
- Unicast (20 users) / Multicast
- Multiple streaming (Up to 10 profiles)

### Protocol
- IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast)

### Security
- HTTPS(SSL) Login Authentication
- Digest Login Authentication
- IP Address Filtering
- User access log
- 802.1X Authentication (EAP-TLS, EAP-LEAP)
- Device Certificate (Hanwha Techwin Root CA)

### Application Programming Interface
- ONVIF Profile S/G/T
- SUNAPI (HTTP API)
- Wisenet open platform

### General

#### Webpage Language
- English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek

#### Web Viewer
- Supported OS: Windows 8.1 or later, Mac OS X 10.13 or later
- Recommended Browser: Google Chrome
- Supported Browser: MS Internet Explorer 11, MS Edge, Mozilla Firefox (Windows 64-bit only), Apple Safari (Mac OS X only)

#### Edge Storage
- Micro SD/SDHC/SDXC 2 slot 512GB (256Gx2)

#### Memory
- 4GB RAM, 512MB Flash

### Environmental & Electrical

#### Operating Temperature / Humidity
- -50°C ~ +60°C (-58°F ~ +140°F) / Less than 95% RH (non condensing)
* Start up should be done at above -30°C

#### Storage Temperature / Humidity
- -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH

#### Certification
- IP66/IP67/IP6K9K, IK10+, NEMA4X

#### Input Voltage
- PoE (IEEE802.3af), 12VDC, 24VAC (Accessory)
### Power Consumption

<table>
<thead>
<tr>
<th></th>
<th>PoE : Maximum 12.95W, typical 10.7W</th>
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<tbody>
<tr>
<td></td>
<td>12VDC : Maximum 11.5W, typical 9.0W</td>
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<tr>
<td></td>
<td>24VAC : Maximum 13.5W, typical 11.0W</td>
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</tbody>
</table>

### Mechanical

<table>
<thead>
<tr>
<th>Color / Material</th>
<th>White / Aluminum</th>
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<tbody>
<tr>
<td>RAL Code</td>
<td>RAL9003</td>
</tr>
<tr>
<td>Product dimensions / weight</td>
<td>Ø180x125mm(7.09x4.92&quot;), 1.9kg(4.19 lb)</td>
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<tr>
<td>Gangbox Compatibility</td>
<td>Single, Double, 4&quot; Square, 4&quot; Octagon</td>
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#### DORI (EN62676-4 standard)

<table>
<thead>
<tr>
<th>Detect (25PPM/ 8PPF)</th>
<th>Wide: 49.9m(163.71ft) / Tele: 209.9m(688.65ft)</th>
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</thead>
<tbody>
<tr>
<td>Observe (63PPM/ 19PPF)</td>
<td>Wide: 19.9m(65.29ft) / Tele: 83.9m(275.26ft)</td>
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<tr>
<td>Recognize (125PPM/ 38PPF)</td>
<td>Wide: 10.0m(32.80ft) / Tele: 42.0m(137.80ft)</td>
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<tr>
<td>Identify (250PPM/ 76PPF)</td>
<td>Wide: 5.0m(16.40ft) / Tele: 21.0m(68.90ft)</td>
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- The lastest product information / specification can be found at hanwhasecurity.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.