

ANV-L6082R



Network

Dome

# ANV-L6082R

2MP IR Outdoor Dome Camera



## Key Features

- 2 Megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm varifocal lens
- 30fps@all resolutions (H.265/H.264)
- H.265/H.264, MJPEG codec support, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Virtual Line Crossing/Directional Detection, Enter/Exit, Tampering, Motion detection
- Micro SD/SDHC memory slot (Max. 32GB), PoE
- Hallway View, WiseStream II support
- IR viewable length 30m
- IP66, IK10 support
- White camera body

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2MP IR Outdoor Dome Camera



## Specifications

### Video

|                         |                       |                                                                                     |
|-------------------------|-----------------------|-------------------------------------------------------------------------------------|
| Imaging Device          | Size                  | 1/2.8"                                                                              |
|                         | Type                  | CMOS                                                                                |
| Resolution              |                       | 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360 |
| Max. Framerate          | H.265/H.264           | 30fps/25fps(60Hz/50Hz)                                                              |
|                         | MJPEG                 | 10fps(@2MP Max. 2fps)                                                               |
| Min. Illumination (Lux) | Color(1/30sec, 30IRE) | 0.03                                                                                |
|                         | BW(1/30sec, 30IRE)    | 0.003                                                                               |

### Lens

|                               |            |              |
|-------------------------------|------------|--------------|
| Focal Length (mm)             |            | 3.3~10.3     |
| Max Aperture Ratio (F number) | Wide       | 1.6          |
|                               | Tele       | 3.3          |
| Angular Field of View         | Horizontal | 106°~30°     |
|                               | Vertical   | 55°~17°      |
|                               | Diagonal   | 127°~35°     |
| Min. Object Distance          |            | 0.5m(1.64ft) |
| Focus Control                 |            | Simple focus |
| Lens Type                     |            | DC auto iris |

### Pan / Tilt / Rotate

|                           |        |         |
|---------------------------|--------|---------|
| Pan / Tilt / Rotate Range | Pan    | 0°~350° |
|                           | Tilt   | 0°~67°  |
|                           | Rotate | 0°~355° |

### Operational

|                         |               |
|-------------------------|---------------|
| Day & Night             | Auto(ICR)     |
| Backlight Compensation  | BLC, WDR, SDR |
| Wide Dynamic Range (dB) | 120           |
| Digital Noise Reduction | SSNR          |

## Operational

|                                          |             |                                                                                                                        |
|------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|
| Motion Detection                         | Quantity    | 4ea                                                                                                                    |
|                                          | Shape       | Rectangler zones                                                                                                       |
| Privacy Masking                          | Quantity    | 6ea                                                                                                                    |
|                                          | Shape       | Rectangular zones                                                                                                      |
| 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                                                                                                              |
| 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 |
| Light Type                               |             | IR LED                                                                                                                 |
| Light Viewable Length                    | IR          | 30m(98.43ft)                                                                                                           |
| IR Wavelength                            |             | 850nm                                                                                                                  |

## Analytics

|                  |        |                                                                                                    |
|------------------|--------|----------------------------------------------------------------------------------------------------|
| Analytics Events | Normal | Motion detection, Tampering, Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing, Direction) |
|------------------|--------|----------------------------------------------------------------------------------------------------|

## Network

|                                   |                    |                                                                                                                                                                              |
|-----------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          |                    | RJ-45(10/100BASE-T)                                                                                                                                                          |
| Video Compression                 |                    | H.265/H.264: Main/High, MJPEG                                                                                                                                                |
| Smart Codec                       |                    | WiseStream II                                                                                                                                                                |
| Bitrate Control                   |                    | H.265/H.264: CBR or VBR,<br>MJPEG: VBR                                                                                                                                       |
| Streaming                         | Unicast            | Up to 6 users                                                                                                                                                                |
|                                   | Multicast          | Support                                                                                                                                                                      |
|                                   | Multiple Streaming | Up to 3 profiles                                                                                                                                                             |
| Protocol                          |                    | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour |
| 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                                |
| User authentication   |  | Digest authentication, Prevent brute-force attack |

## Security

|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| Network authentication | IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)                      |
| 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                | 512MB             |
|              | Flash              | 256MB             |
| Edge Storage | Micro SD/SDHC/SDXC | Max. 32GB x 1slot |

## Environmental & Electrical

|                     |             |                                        |
|---------------------|-------------|----------------------------------------|
| Operating Condition | Temperature | -30°C~+55°C(-22°F~+131°F)              |
|                     | Humidity    | 0~95% RH(non-condensing)               |
|                     | Others      | Start up should be done at above -20°C |
| Storage Condition   | Temperature | -30°C~+55°C(-22°F~+131°F)              |
|                     | Humidity    | 0~95% RH(non-condensing)               |
| Input Voltage       |             | PoE(IEEE802.3af, Class3)               |
| Power Consumption   | PoE         | Max. 7.0W, typical 5.0W                |

## Mechanical

|                     |                             |
|---------------------|-----------------------------|
| Color               | White                       |
| Material            | Aluminum, Plastic           |
| RAL Code            | RAL9003                     |
| Product Dimensions  | ø137.8x107.1mm(ø5.43x4.22") |
| Product Weight      | 550g(1.21lb)                |
| Compatible Gang Box | Single, Double, 4" Octagon  |

## Certifications & Standards

|             |                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC         | FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835 |
| Safety      | UL 60950-1, CAN/CSA C22.2 NO. 60950-1, IEC 62471                                                                                                                                                         |
| Environment | IEC/EN 63000, IEC 60529 IP66, IEC 62262 IK10                                                                                                                                                             |

## DORI (EN62676-4 standard)

|                      |      |                  |
|----------------------|------|------------------|
| Detect (25PPM/ 8PPF) | Wide | 28.9m(94.94ft)   |
|                      | Tele | 143.3m(470.18ft) |

**DORI (EN62676-4 standard)**

|                                  |      |                 |
|----------------------------------|------|-----------------|
| <b>Observe (63PPM/ 19PPF)</b>    | Wide | 11.6m(37.97ft)  |
|                                  | Tele | 57.3m(188.07ft) |
| <b>Recognize (125PPM/ 38PPF)</b> | Wide | 5.8m(18.99ft)   |
|                                  | Tele | 28.7m(94.04ft)  |
| <b>Identify (250PPM/ 76PPF)</b>  | Wide | 2.9m(9.49ft)    |
|                                  | Tele | 14.3m(47.02ft)  |

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CAD

Unit: mm [inch]

