

LNV-6012R



Network

Купольные

# LNV-6012R

2M IR Vandal Dome Camera



## Key Features

- Maximum 2MP resolution
- Color: 0.03Lux(F2.0, 1/30sec) BW : 0Lux (IR LED on)
- 2.8mm fixed focal
- Maximum 30fps@2MP all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- Micro SD/SDHC memory slot (32GB), PoE
- Hallway view (90°/270°), WiseStreamII support
- IR viewable length 30m(98.43ft)
- IP66, IK10 support

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2M IR Vandal 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)(WDR off) / 15fps/12fps(60Hz/50Hz)(WDR on)(H.264 only)        |
|                         | MJPEG                 | 10fps(@2MP Max. 2fps)                                                               |
| Min. Illumination (Lux) | Color(1/30sec, 30IRE) | 0.03                                                                                |
|                         | BW(1/30sec, 30IRE)    | 0.003                                                                               |

### Lens

|                               |            |              |
|-------------------------------|------------|--------------|
| Focal Length (mm)             |            | 2.8          |
| Max Aperture Ratio (F number) | Wide       | 2.0          |
| Angular Field of View         | Horizontal | 114°         |
|                               | Vertical   | 62°          |
|                               | Diagonal   | 135°         |
| Min. Object Distance          |            | 0.5m(1.64ft) |
| Focus Control                 |            | Fixed        |

### 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, SSDR   |
| Wide Dynamic Range (dB) |          | 120              |
| Digital Noise Reduction |          | SSNR             |
| Motion Detection        | Quantity | 4ea              |
|                         | Shape    | Rectangler zones |

## Operational

|                                          |             |                                                                                                                        |
|------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|
| 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 |
|------------------|--------|-----------------------------|

## Network

|                                   |                    |                                                                                                                                                                                      |
|-----------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                          |                    | RJ-45(10/100BASE-T)                                                                                                                                                                  |
| Video Compression                 |                    | H.265/H.264: Main/Baseline/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,<br>SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMPv2, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS,<br>QoS, UPnP, Bonjour |
| Application Programming Interface | ONVIF              | S, G, T                                                                                                                                                                              |
|                                   | Others             | SUNAPI(HTTP API)                                                                                                                                                                     |
| Direct Cloud Connection           |                    | Optional (needs gateway)                                                                                                                                                             |

## Security

|                        |  |                                                    |
|------------------------|--|----------------------------------------------------|
| OS / Firmware Protect  |  | Encrypted firmware                                 |
| User authentication    |  | Digest authentication, Prevent brute-force attack  |
| Network authentication |  | IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2) |
| Secure Communication   |  | HTTPS, WSS(WebSocket Secure), SRTP                 |

## Security

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| 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    | 0~90% 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    | 0~90% RH(non-condensing)               |
| Input Voltage       |             | PoE(IEEE802.3af, Class3)               |
| Power Consumption   | PoE         | Max 6.4W, Typical 5.0W                 |

## Mechanical

|                     |                            |
|---------------------|----------------------------|
| Color               | White                      |
| Material            | Aluminum, Plastic          |
| RAL Code            | RAL9003                    |
| Product Dimensions  | ø120.3x91.7mm(ø4.74x3.61") |
| Product Weight      | 410g(0.90lb)               |
| Compatible Gang Box | Single, Double, 4" Octagon |

## Certifications & Standards

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

## DORI (EN62676-4 standard)

|                           |      |                |
|---------------------------|------|----------------|
| Detect (25PPM/ 8PPF)      | Wide | 25.1m(82.28ft) |
| Observe (63PPM/ 19PPF)    | Wide | 10.0m(32.91ft) |
| Recognize (125PPM/ 38PPF) | Wide | 5.0m(16.46ft)  |
| Identify (250PPM/ 76PPF)  | Wide | 2.5m(8.23ft)   |

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CAD

Unit: mm [inch]

