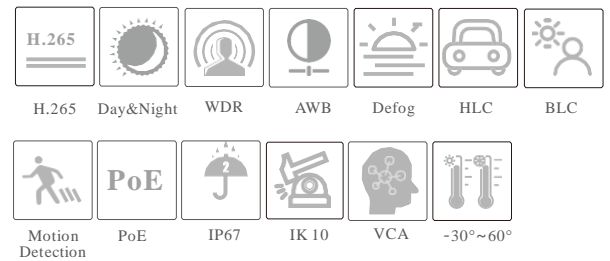


# NGC-7286VAZS

## 8MP Dome Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max.resolution: 8MP ( 3840 × 2160 )
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- 30~50m IR night view distance; Motorized zoom lens
- 1CH audio input; 1CH audio output; 1CH built-in MIC
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- IP67 & IK10
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



### SPECIFICATIONS

| Specifications             | Model  | NGC-7286VAZS      |                  |                 |  |
|----------------------------|--|-------------------|------------------|-----------------|--|
| <b>Camera</b>              |  |                   |                  |                 |  |
| Image Sensor               | 1 / 2.8 "CMOS  |                   |                  |                 |  |
| Image Size                 | 3840×2160  |                   |                  |                 |  |
| Electronic Shutter         | 1 / 2 s ~ 1 / 100000 s   |                   |                  |                 |  |
| Iris Type                  | DC Iris  |                   |                  |                 |  |
| Min. Illumination          | 0.02 lux @ F1.6, AGC ON; 0 lux with IR   |                   |                  |                 |  |
| Lens                       | 2.8~12mm@F1.6, motorized   |                   |                  |                 |  |
| Field of View              | Horizontal:99° 33°; Vertical :53° 17°; Diagonal:117° 37°   |                   |                  |                 |  |
| Lens Mount                 | Φ14  |                   |                  |                 |  |
| Day&Night                  | ICR  |                   |                  |                 |  |
| Wide Dynamic Range         | 120dB  |                   |                  |                 |  |
| BLC                        | Yes  |                   |                  |                 |  |
| HLC                        | Yes  |                   |                  |                 |  |
| Defog                      | Yes  |                   |                  |                 |  |
| Digital NR                 | 3D DNR   |                   |                  |                 |  |
| S/N Ratio                  | ≥ 50dB   |                   |                  |                 |  |
| Angle Adjustment           | Pan: 0°~345°; Tilt:0°~77°; Rotation: 0°~345°   |                   |                  |                 |  |
| <b>DORI Distance</b>       |  |                   |                  |                 |  |
| Lens                       | Detect   | Observe           | Recognize        | Identify        |  |
| 2.8~12mm(W)                | 86.65m(284.28ft)   | 34.66m(113.71ft)  | 17.33m(56.85ft)  | 8.66m(28.41ft)  |  |
| 2.8~12mm(T)                | 289.06m(552.31ft)  | 115.62m(240.12ft) | 57.81m(136.06ft) | 28.91m(84.04ft) |  |
| <b>Image</b>               |  |                   |                  |                 |  |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG                         |                   |                  |                 |  |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile   |                   |                  |                 |  |
| Resolution                 | 8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ), 5MP( 2592 × 1944 ), 4MP ( 2592 × 1520 ), 2K(2560 × 1440 ), 3MP(2304 × 1296), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240 |                   |                  |                 |  |
| Main Stream                | 60Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps)<br>50Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps)   |                   |                  |                 |  |
| Sub Stream                 | 60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps)<br>50Hz: 720P/D1/480 × 240(1~25fps)  |                   |                  |                 |  |
| Third Stream               | 60Hz: 720P/D1/CIF/480 × 240 (1~30fps)<br>50Hz: 720P/D1/CIF/480 × 240 (1~25fps)   |                   |                  |                 |  |
| Bit Rate                   | 64 Kbps ~ 12 Mbps  |                   |                  |                 |  |
| Bit Rate Type              | VBR / CBR  |                   |                  |                 |  |
| Audio Compression          | G711A / U  |                   |                  |                 |  |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser                            |                   |                  |                 |  |
| ROI                        | Each ROI to be configured separately   |                   |                  |                 |  |
| <b>Interfaces</b>          |  |                   |                  |                 |  |
| Network                    | RJ 45 10M/100M self-adaptive Ethernet port   |                   |                  |                 |  |
| Video Output               | CVBS output (BNC×1)  |                   |                  |                 |  |
| Audio                      | 1CH audio input; 1CH audio output; 1CH built-in MIC  |                   |                  |                 |  |
| Alarm                      | 1CH alarm input; 1CH alarm output  |                   |                  |                 |  |
| Storage                    | Built-in micro SD card slot; up to 256GB   |                   |                  |                 |  |
| Reset                      | Yes  |                   |                  |                 |  |
| <b>Functions</b>           |  |                   |                  |                 |  |
| Remote Monitoring          | IE browser/ Navaio NVR / NVMS / mobile APP   |                   |                  |                 |  |
| Web Browser                | IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+  |                   |                  |                 |  |
| Online Connection          | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission   |                   |                  |                 |  |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS   |                   |                  |                 |  |
| Interface Protocol         | ONVIF  |                   |                  |                 |  |
| Storage                    | Network remote storage; micro SD card storage  |                   |                  |                 |  |
| Smart Alarm                | Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection  |                   |                  |                 |  |
| Intelligent Analytics      | Scene change, video blur detection, abnormal color detection , line crossing detection, intrusion detection  |                   |                  |                 |  |

|                          |  |
|--------------------------|--|
| General function         | Watermark, video mask, heartbeat, corridor pattern   |
| Security                 | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS |
| IR Distance              | 30~50m   |
| Protection Grade         | IP 67&IK10   |
| PoE                      | Yes (IEEE802.3af)  |
| <b>Others</b>            |  |
| Power Supply             | DC12V/PoE  |
| Power Consumption        | < 10.5W  |
| Storage Conditions       | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)  |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)   |
| Dimensions ( mm )        | Φ 141 × 100.2  |
| Weight ( net )           | Approx. 0.91KG   |
| Installation             | Ceiling mounting; Wall mounting  |
| Certificate              | CE, FCC  |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)  |

### DIMENSIONS

