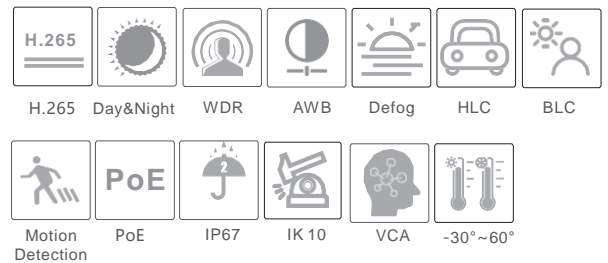


# NGC-7285VAZS

8MP HD Dome Network Camera



- H.265+/H.265/H.264+/H.264 coding
- Max.resolution: 8MP ( 3840 × 2160 )
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- Lens distortion correction supported
- 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
- IP 67&IK10
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



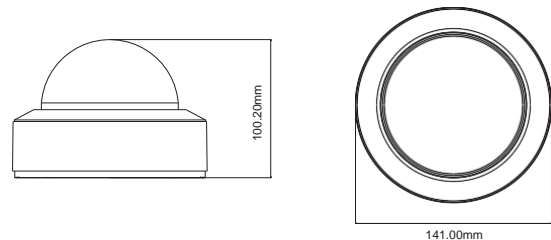
### SPECIFICATIONS

| Specifications             | Model | NGC-7285VAZS   |
|----------------------------|-------|--|
| <b>Camera</b>              |       |  |
| Image Sensor               |       | 1 / 2.8 "CMOS  |
| Image Size                 |       | 3840×2160  |
| Electronic Shutter         |       | 1 s ~ 1 / 100000 s   |
| Iris Type                  |       | Fixed Iris   |
| Min. Illumination          |       | 0.05 lux @ F1.4, AGC ON; 0 lux with IR<br>0.032 lux @ F1.2, AGC ON; 0 lux with IR  |
| Lens                       |       | 2.8~12mm@F1.4, motorized   |
| Field of View              |       | Horizontal:104.7°~32.5°; Vertical :72.2°~18.6°; Diagonal:112.2°~37°  |
| Lens Mount                 |       | Φ14  |
| Day&Night                  |       | ICR  |
| Wide Dynamic Range         |       | 120dB  |
| BLC                        |       | Yes  |
| HLC                        |       | Yes  |
| Defog                      |       | Yes  |
| Digital NR                 |       | 3D DNR   |
| Angle Adjustment           |       | Pan: 0°~345°; Tilt:0°~77°; Rotation: 0°~345°   |
| <b>Image</b>               |       |  |
| Video Compression          |       | H.265+ / H.265 / H.264+ / H.264  |
| H.264 Compression Standard |       | Baseline Profile/Main Profile/High Profile   |
| Resolution                 |       | 8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ),5MP( 2592 × 1944),<br>4MP ( 2560 × 1440 ), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ),<br>D1, CIF, 480 × 240 |
| Main Stream                |       | 60Hz : 8MP/6MP(1~20fps), 5MP/4MP/1080P(1~30fps)<br>50Hz : 8MP/6MP(1~20fps), 5MP/4MP/1080P(1~25fps)   |
| Sub Stream                 |       | 720P/D1/CIF/480 × 240(60Hz: 1~30fps; 50Hz: 1~25fps)  |
| Third Stream               |       | D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 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, Sharpness, NR, etc. adjustable through client software or web browser                      |
| ROI                        |       | 3 ROI, Each ROI to be configured separately  |
| <b>Interfaces</b>          |       |  |
| Network                    |       | RJ45   |
| 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          |       | Web browsing, CMS remote control   |
| 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, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 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, video color cast detection , line crossing detection, intrusion detection  |
| General function           |       | Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.                                       |
| IR Distance                |       | 30~50m   |
| Protection Grade           |       | IP 67&IK10   |
| PoE                        |       | Yes (IEEE802.3af)  |

### Others

|                          |   |
|--------------------------|---|
| Power Supply             | DC12V/PoE   |
| Power Consumption        | < 10.5W   |
| Operating Environment    | - 30 °C ~ 60 °C (-22°F~140°F)<br>Humidity: less than 95 % (non-condensing)                    |
| Dimensions ( mm )        | Φ 141 × 100.2   |
| Weight ( net )           | Approx. 0.89KG  |
| 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



### AVAILABLE ACCESSORIES



NAV-DJB  
(without cover)



NAV-SD