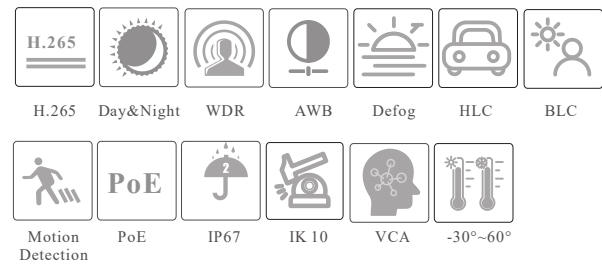


# NGC-7212VAZ

## 12MP IR Water-Proof Dome Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 4000 × 3000
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Motorized zoom lens
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot; up to 512GB
- DC12V/PoE power supply
- IP67 & IK10
- Support five streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support P2P function
- Intelligent analytics
- Dual system backup



# NGC-7212VAZ

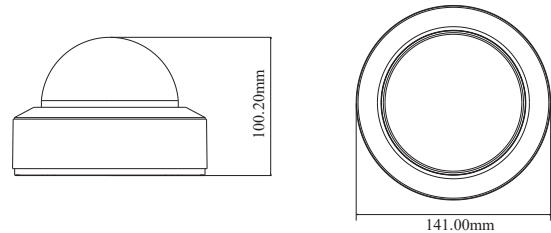
## 12MP IR Water-Proof Dome Network Camera

### SPECIFICATIONS

Specifications	Model	NGC-7212VAZ		
<b>Camera</b>				
Image Sensor	1 / 1.7" CMOS			
Image Size	4000 × 3000			
Electronic Shutter	1 / 3 s ~ 1 / 100000 s			
Iris Type	DC Iris			
Min. Illumination	Color: 0.006 lux@F1.4, AGC ON; B&W: 0 lux with IR			
Lens	2.8~12mm@F1.4, H.FoV: 96°~46°; V.Fov: 70°~35°; D.FoV: 128°~58°			
Focus	Motorized			
Lens Mount	Ø14			
Day & Night	ICR			
Wide Dynamic Range	75dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
S/N Ratio	≥ 50 dB			
Digital NR	3D DNR			
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°			
<b>Image</b>				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub / Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Fourth/Fifth stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	12MP (4000×3000), 8MP (3840 × 2160), 6MP (3200×1800), 4MP (2688×1520), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240			
Main Stream	12MP/8MP/6MP/4MP/1080P (60Hz: 1~30fps; 50Hz: 1~25fps)			
Sub Stream	1080P/720P/D1 (60Hz: 1~30fps; 50Hz: 1~25fps)			
Third Stream	720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)			
Fourth Stream	D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)			
Fifth Stream	D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)			
Bit Rate	64 Kbps ~ 16Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, 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			
Storage	Built-in micro SD card slot; up to 512GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
<b>Intelligent Analytics</b>				
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	86m(282ft)	34m(112ft)	17m(56ft)	9m(30ft)
2.8~12mm(T)	190m(623ft)	76m(249ft)	38m(124ft)	19m(62ft)
<b>Functions</b>				
Remote Monitoring	WebBrowser/Naviaio NVMS2.0/NVR/mobile APP			
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; 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, P2P, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
GeneralFunction	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes, IEEE802.3af
IRDistance	30 ~ 50 m
Ingress Protection	IP 67&IK10
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 11W
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 )	Ø141 × 100.2
Weight ( net )	Approx. 0.93KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

### DIMENSIONS



### AVAILABLE ACCESSORIES



NAV-DJD (no lid)



NAV-DJD (no lid) + NAV-BPD



NAV-DJD (no lid) + NAV-BPD + NAV-SAS



NAV-DJD (no lid) + NAV-BPD + NAV-SAC



NAV-DJD (no lid) + NAV-BTD