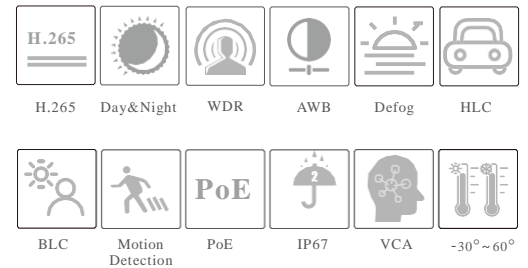


NGC-7255VAZM

5MP Dome IR Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Motorized zoom lens
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



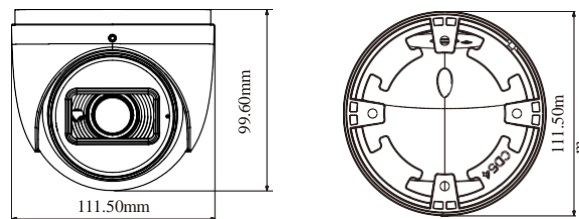
NGC-7255VAZM

SPECIFICATIONS

Specifications	Model	NGC-7255VAZM			
Camera					
Image Sensor	1 / 2.7 "CMOS				
Image Size	2592 × 1944				
Electronic Shutter	Auto/manual; manual mode: 1 / 3s ~ 1 / 100000 s				
Iris Type	DC Iris				
Min. Illumination	0.01 lux@F1.4,AGC ON; 0 lux with IR				
Lens	2.8~12mm@F1.4, motorized				
Field of View	Horizontal: 92.6 28.9 Vertical 67.5 21.7 Diagonal 121.0 36.1				
Lens Mount	Ø14				
Day & Night	ICR				
Wide Dynamic Range	120dB				
BLC	Yes				
HLC	Yes				
Defog	Yes				
S/N Ratio	≥ 50dB				
Digital NR	3D DNR				
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°				
Image					
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG				
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile				
Resolution	5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240, VGA(640 × 480)				
Main Stream	5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)				
Sub Stream	720P/D1/CIF/VGA/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)				
Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)				
Bit Rate	64 Kbps ~ 8 Mbps				
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				
Intelligent Analytics					
Smart Event	Line crossing, region intrusion/entrance/exiting, 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, 5 motor vehicle features and 1 non-motor vehicle feature				
DORI Distance					
Lens	Detect	Observe	Recognize	Identify	
2.8~12mm(W)	58.19m(190.91ft)	23.28m(76.37ft)	11.64m(38.18ft)	5.82m(19.09ft)	
2.8~12mm(T)	202.85m(665.51ft)	81.14m(266.20ft)	40.57m(133.10ft)	20.29m(66.56ft)	
Interfaces					
Network	RJ 45 10M/100M self-adaptive Ethernet port				
Video Output	No				
Audio	1CH audio input; 1CH built-in MIC				
Storage	Built-in micro SD card slot; up to 256GB				
Reset	Yes				
Alarm	No				
Functions					
Remote Monitoring	Web Browser/Navaio NVMS2.0/NVR/mobile APP				
Web Browser	IE11 (plug-in required)/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, QoS
Interface Protocol	ONVIF(profile S, G, T, M)
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark, video mask, heartbeat, image distortion correction, 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/RTSP
PoE	Yes, IEEE802.3af
IR Distance	30~50 m
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9W
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)	Ø111.5 × 99.6
Weight (net)	Approx. 0.66KG
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

