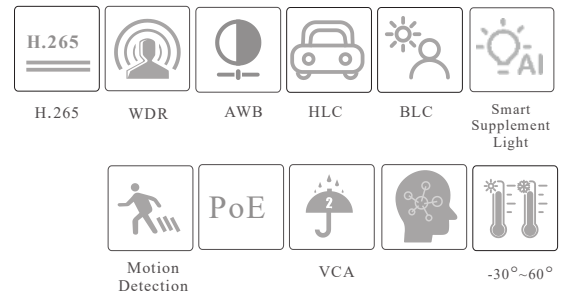


NGC-7280VAZ-ID

8MP Dual Illumination Water-proof Turret Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 8MP (3840 × 2160)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 30~40m white light view distance; 30~50m IR view distance
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Support NAT function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Dual-system backup



NGC-7280VAZ-ID

8MP Dual Illumination
Turret Network Camera

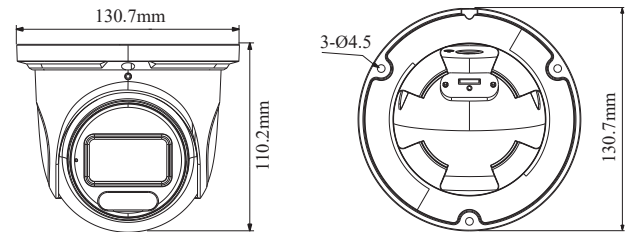
SPECIFICATIONS

Specifications	Model	NGC-7280VAZ-ID
Camera		
Image Sensor		1 / 2.8 "CMOS
Image Size		3840×2160
Electronic Shutter		1 / 3s ~ 1 / 100000s
Iris Type		DC Iris
Min. Illumination		0.02 lux @F1.6, AGC ON; 0 lux with illumination on
Lens		2.8~12mm@F1.6
Field of View		Horizontal: 97.3°~34°; Vertical: 52.3°~17.7°; Diagonal: 116°~37°
Focus		Motorized
Lens Mount		Φ14
Day&Night		ICR
Wide Dynamic Range		120dB
BLC		Yes
HLC		Yes
Digital NR		Yes
Defog		Yes
S/N Ratio		≥ 50 dB
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 / Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard		Main Profile@Level4.1 High Tier
Resolution		8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), 640×360, 480×240, CIF
Main Stream		8MP(1~20fps) / 6MP/4MP/2K/1080P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream		1080P (60Hz: 1~15fps; 50Hz: 1~12fps) / 720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream		720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate		64 Kbps ~ 12Mbps
Bit Rate Type		VBR / CBR
Image Settings		ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression		G711A/U
ROI		8ROI, Each ROI to be configured separately
Interfaces		
Network		RJ45 (10/100 Base-T)
Video Output		No
Audio		1CH audio input; 1CH built-in MIC
Storage		Built-in micro SD card slot, up to 256GB
Reset		Yes
Functions		
Remote Monitoring		Web browser / Navaio NVR/NVMS2.X/Mobile APP
Web Browser		Chrome 105.0+/Edge 105.0+/Firefox 121.0+/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, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, NAT, QoS
Interface Protocol		ONVIF
API&SDK		Yes
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)
Smart Event		Line crossing / region intrusion detection (human/vehicle classification), abandoned/missing object detection
General Function		Watermark, IP address filtering, video mask, heartbeat, corridor pattern, image distortion correction, ANR, cloud upgrade, disarming
PoE		Yes (IEEE802.3af)
Supplement Light Range		IR range: 30 ~ 50 m; white light range: 30 ~ 40 m
Ingress Protection		IP67
Security		Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	88m(288ft)	35m(114ft)	17m(56ft)	8m(27ft)
2.8~12mm(T)	277m(908ft)	111m(364ft)	55m(180ft)	28m(91ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	DC12V: < 9.7W; PoE: < 11.6W			
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)	Φ130.7 × 110.2			
Weight (net)	Approx. 0.66KG			
Material	Aluminum alloy body			
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

