

## SA-N2080D3-AR-VZ

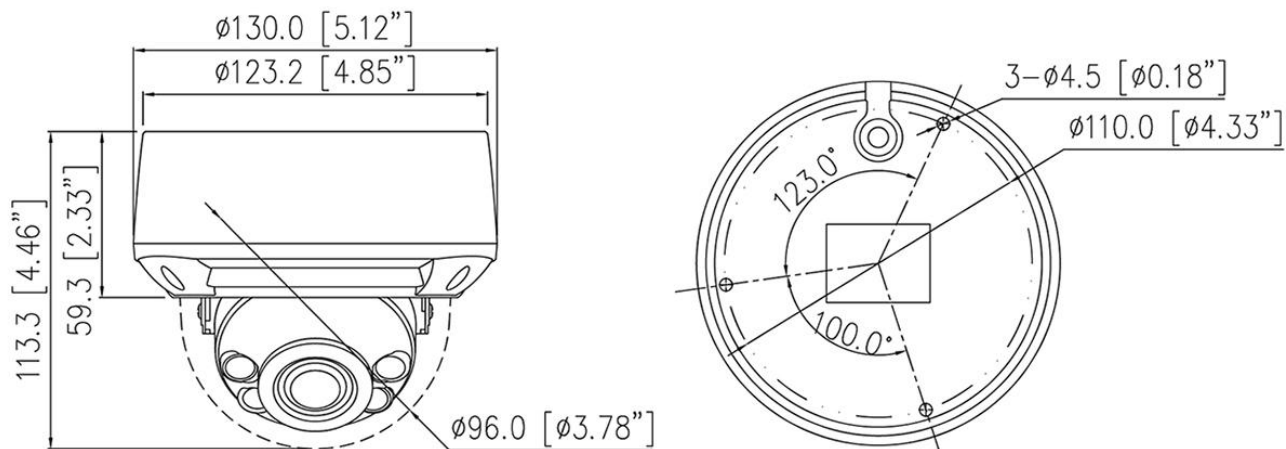
8MP STARLIGHT IR VARIFOCAL DOME NETWORK CAMERA



### FEATURES

- 1/1.8" STARVIS™ CMOS
- Max. 8MP(3840×2160) @25/30fps resolution
- 3.6 to 11 mm motorized focal lens
- Supports face, human, and vehicle detection & capture.
- Supports human and vehicle attribute detection.
- Intelligent analytics: Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection, and people counting.
- True WDR (120dB), 3D DNR, ROI, Defog, HLC
- Smart IR distance up to 50 m
- 1/1 audio input/output, 1/1 alarm input/output
- Built-in microSD card slot (up to 1 TB)
- IP67, IK10 protection

### DIMENSIONS



**Technical specifications****SA-N2080D3-AR-VZ**

Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Max Resolution	8MP, 3840(H) × 2160(V)
	Shutter Speed	1/5 to 1/20,000s
	Min Illumination	Color: 0.003 Lux @ (F1.3, AGC ON), B/W: 0.0008 Lux @ (F1.3, AGC ON), 0 Lux with IR on
	Day & Night	Auto (ICR)
	Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°
Lens	Lens Type	Varifocal lens, Motorized focal
	Focal Length	3.6 to 11 mm
	Max. Aperture	F1.3
	Field of View (FOV)	H: 113.4° to 48.9°, V: 59° to 26.6°
	Iris	Auto Iris
Illuminator	Type	IR
	IR wavelength	850 nm
	Distance	Up to 50 m (164.0 ft)
	Control	Auto/Manual
Intelligent Analytics	AI Multi-Target	- Supports face, human, and vehicle detection & capture - Supports human and vehicle attribute detection - Supports multiple frame modes: Full Frame, Four-Corner Frame, Mosaic
	Attribute Extraction	Human Attributes: Gender, age, glasses, hat, bag, upper clothing color & style, lower clothing color & style, reflective vest Vehicle Attributes: Type, color, brand, orientation
	Intelligent Analysis	Intrusion detection, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection - Supports accurate target classification (human/vehicle)
	People Counting	Supported
Video & Audio	Video Encoding	H.265, H.264, MJPEG
	Number of Streams	3 Streams
	Resolution	Stream1: 3840×2160, 2592×1944, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 Stream2: D1, VGA, CIF Stream3: VGA, CIF, QVGA
	Frame Rate	Up to 25/30fps
	Bit Rate Control	CBR/VBR
	Bit Rate	Stream1: 200 Kbps to 16 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
	Smart Encoding	Supported
	Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
	Audio Compression	G.711 A-law, G.711 μ-law, RAW_PCM
	Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
	Image	Image Adjustment
Scene Mode		Indoor, Outdoor, Mirror, Corridor mode
Exposure Mode		Auto, Manual, Shutter priority
White Balance		Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting		Auto, Day, Night, Timer
Noise Reduction		2D/3D DNR
Image Enhancement		HLC, BLC, Defog, WDR, AWB
Wide Dynamic Range		True WDR (120dB)
Privacy Masking		4 areas
SNR		≥ 50dB
Auto focus		Supported
Event	Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
	Event Actions	Alarm record, Alarm output, FTP upload, SMTP upload, Snapshot, Audible alarm output
Network	Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
	Application Programming Interface	ONVIF (Profile S/T/G/M), SDK, CGI
	Max Concurrent Streams	10 channels
	User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
	Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge

For technical or sales support, please visit:  
[www.starviewint.asia](http://www.starviewint.asia)

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact [info@starviewint.asia](mailto:info@starviewint.asia)

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## Technical specifications (Cont.)

## SA-N2080D3-AR-VZ

Security	OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
	User Authentication	Digest authentication, Prevent brute-force attack
	Network Authentication	IEEE 802.1X (EAP-TLS)
	Secure Communication	HTTPS, WSS (WebSocket Secure), SRTP
	Access Control	IP-based access control, Auto logout
	Data Protect	Encryption credentials
	Audit	Access / System / Event Log management
	Secure Storage	SDcard partition encrypt (AES-256), Secure element
Interface	Supply Chain Security	SBOM
	Network Interface	1 × Ethernet (10/100 Base-T), RJ-45 connector
	Audio Interface	1ch Input, 1ch Output
	Alarm Interface	1ch Input, 1ch Output
	SD Card Slot	Built-in microSD card slot, up to 1 TB
General	Reset Button	Supported
	Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
	Power Supply	12 VDC (-10% to +25%) / PoE (802.3af)
	Power Consumption	Typical: 3.5 W (12 VDC) / approx. 4.4 W (PoE) Max (IR on + Focusing): 7 W (12 VDC) / approx. 8.8 W (PoE)
	Operating Temperature	-40°C to 60°C (-40°F to 140°F)
	Operating Humidity	Less than 95% RH (non-condensing)
	Ingress Protection	IP67, IK10
	Certifications*	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
	Material	Aluminum alloy body, bubble: plastic
	Dimensions	φ130 × 113.3 mm (φ5.12 × 4.46 inch)
Net Weight	Approx. 0.8 kg (1.76 lb)	
DORI Distance (EN62676-4 standard)	Detect	85.4 to 184.8 m (280.1 to 606.3 ft)
	Observe	34.2 to 73.9 m (112.1 to 242.5 ft)
	Recognize	17.1 to 37.0 m (56.0 to 121.3 ft)
	Identify	8.5 to 18.5 m (28.0 to 60.6 ft)

\* The listed certifications are issued for markets in different regions. For the current status of the listed certifications in your region, please contact an authorized Starview representative.

## ACCESSORIES (OPTIONAL)



Junction Box



Pendant Cap



Pendant Mount



Wall Mount



Wall Mount



Pole Mount



Corner Mount

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

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