

ULTRA HIGH DEFINITION 8MP IP STARLIGHT PTZ CAMERA

VP-NC9808P-AZ37IR7T1 IR Night Vision High Speed PTZ Dome Camera



FEATURES

Ultra High Definition 8MP (3840×2160) resolution

1/1.8" Progressive Scan CMOS Sensor

Inbuilt WDR, 3D DNR, HLC, BLC functions

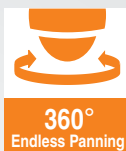
Supports H.265+/H.265/H.264+/H.264/MJPEG video compression

37x optical zoom

360° endless panning

Inbuilt up to 300 mtrs IR range

IP67 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

VP-NC9808P-AZ37IR7T1

Camera	Image sensor	1/1.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840 (H) × 2160 (V)
	Minimum Illumination	Color:0.001Lux @ (F1.2,AGC ON); B/W:0.002Lux @(F1.2,AGC ON); 0 Lux with IR
	Electronic Shutter Speed	50Hz:1/25s-1/25,000s; 60Hz: 1/30 s - 1/30,000s
	Signal to Noise	> 52 dB
	Gain Control	Auto / Manual
	White Balance	Auto/Manual//Indoor/Outdoor
	Iris Control	Auto/Manual
Lens	Lens Type	6mm to 222mm
	Field of View	Horizontal:59° to 1.98°(wide-tele), Vertical: 34.14° to 1.12°(wide-tele) Diagonal: 67.08° to 2.27°(wide-tele)
	Zoom	37x Optical Zoom
	Zoom Speed	Approx. 5.2s (optical zoom, wide-tele)
	Aperture Type	F1.2~F4.6(wide-tele) , P-IRIS, support manual or auto
Compression	Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
	H.265 Standard	H.265/HEVC codec MP, level 5.0
	Audio Compression	G.711 A/U
	Video Bit Rate	64 Kbps to 16Mbps
	Audio Bit Rate	64K bps
Resolution and Frame Rate	Max. Resolution	3840x2160
	Main Stream	50Hz: 25fps: 3840x2160,2560x1440,1920x1080,1280x960,1280x720, 60Hz: 30fps:3840x2160,2560x1440,1920x1080,1280x960,1280x720
	Sub Stream	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
	Third Stream	50 Hz: 25 fps (1920x1080,1280x960,1280x720,704x576,640x480, 352x288) 60 Hz: 30 fps (1920x1080,1280x960,1280x720, 704x480,640x 480, 352x240)
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	Removable IR CUT filter, with absorbing type to anti flare and smear
	IR Source	Inbuilt High performance IR LEDs
	IR Range	Up to 300 Mtrs
Pan-Tilt	Pan Angle	360° endless pan rotation
	Tilt Angle	-25° to 155°, auto flip at 90°
	Pan Speed	0.1° ~ 240°/s(Manual), 0.1° ~ 240°/s(Preset)
	Tilt Speed	0.1° ~ 180°/s(Manual), 0.1° ~ 180°/s(Preset)
	Presets	360
	Patrol	8 patrols, up to 16 presets per patrol
	Trace	4 traces, record time over 3 minutes for each trace
	Power-off Memory	Supported
	Proportional Zoom	Supported
	PTZ position display	Supported
	Scheduled Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot
	Action mode	Preset/Cruise/Trace/Auto Scan/Random Scan
	3D Positioning	Supported

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Operational Features	OSD Overlay	Max 15 characters/line, 8 lines, white or red font color
	HLC	Supported
	BLC	Supported
	Picture Overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format
	Day & Night Control	Timer, schedule, manual and auto
	WDR	Supported
	RS485	Half-duplex, Pelco-P/D
	Privacy Mask	Up to 4 privacy masks
	3D DNR	Auto/Manual
	Digital Zoom	16X
	Optical Defog	Built-in optical defog filter
	Codec Streaming Capability	Triple streaming
	Image Settings	Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
	Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
	SD Card Slot	One MicroSD slot and chamber, up to 256G
	Alarm Linkage	Alarm actions, such as Preset, Cruise,Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
Basic event	Motion detection, Video tampering alarm, Exception (Network disconnected, IP address conflict, SD full, SD error)	
Network & Remote Monitoring	Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P, RTMP
	System Compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported
	Web Browser	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free
Interface	Ethernet	1 RJ45 10M/100M Adaptive Ethernet
	Alarm Input/Output	2CH alarm input; 2CH alarm output
	Audio Input/Output	1 audio input/1 audio output, line level, impedance,600Ω
Smart Analytics	Smart Features	Line crossing detection, region entrance detection, object removal detection, intrusion detection, region exiting detection, audio exception detection
	Face Recognize	Detecting multiple faces in the same scene. Support detecting, capturing, grading, and output the best
	Face Comparison	(Default off) Yes
	Road traffic	Vehicle detecting and tracking, etc
	Smart Tracking	Manual/Auto-tracking of human/no-motor vehicle/motorized vehicle(ver5.1.1)
Electrical	Power Requirement	AC/DC24V3000mA±25%, PoE++ (802.3.bt, class 6)
	Power Consumption	MAX. 51Watt (IR 10Watt, Heater 10Watt)
	Water Removal	Remove water-drops by quick spinning
	Heater & Fan	Built-in electric fan for heat sink, Built-in electric heater for cold start
	Reset Button	Supported
	Demist	Active electric heating & air loop to lens glass to removal the Frost & Fog

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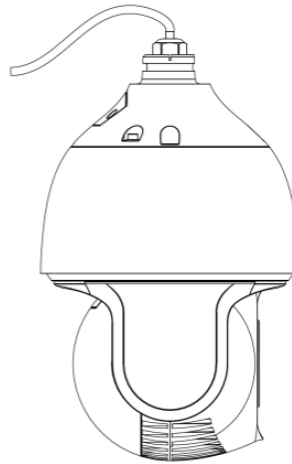
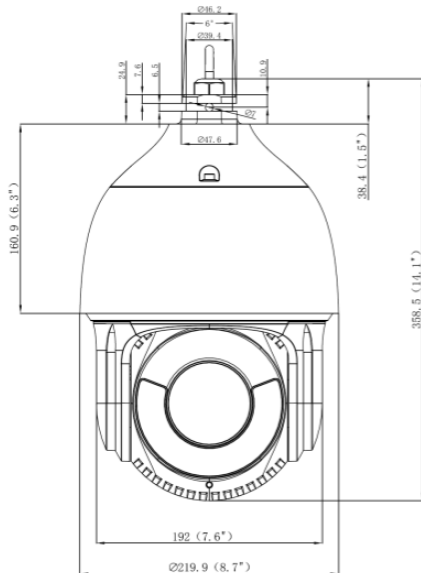
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Environmental	Enclosure	IP67, 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
	Impact Protection	IK10
	Operating Temperature	-40°C to +70°C
	Storage Temperature	-40°C to +70°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Material	Aluminum Alloy
	Dimensions	Φ 219.9mm x H 358.5mm
	Weight	Approx. 6.0KG
Certification	Certification	UL, CE, FCC, RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

DIMENSIONS

Unit: mm



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