

ULTRA HIGH DEFINITION 8MP IP PTZ Camera

VP-NC9818P-AZ32IR7T1
IR Night Vision High Speed PTZ Dome Camera



FEATURES

Ultra High Definition 8MP (3840x2160) resolution

1/2.8" Progressive Scan CMOS Sensor

Inbuilt 120dB WDR, HLC, BLC, 3D DNR, and Smart IR functions

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

32x Optical zoom

360° endless panning

Inbuilt IR LEDs for 200 mtrs IR range

Smart Video content analytics

IP67 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

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Camera	Image Sensor	1/2.8" progressive scan CMOS sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840 (H) × 2160 (V)
	Minimum Illumination	Color: 0.01Lux @ (F1.3,AGC ON); B/W: 0.002Lux @(F1.3, AGC ON);0Lux with IR
	Electronic Shutter Speed	60Hz: 1/30s – 1/30,000s@30fps; 50Hz: 1/25s~1/25,000s@25fps
	Signal to Noise	≥52dB
	Gain Control	Auto / Manual
	White Balance	Auto/Manual//Indoor/Outdoor
	Iris	DC Iris
Lens	Lens Type	4.8mm to 154mm, 32× Optical
	Field of View	Horizontal: 61.3° ~2.18° ;Vertical: 36.9° ~ 1.22° ; Diagonal: 68.4° ~ 2.5° (wide-tele) ±5%
	Zoom	32x Optical Zoom
	Zoom Speed	Approx. 4.6s (optical zoom, wide-tele)
	Aperture Range	F1.3 to F4.8
Compression	Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
	Audio Compression	G.711A/U
	H.265 Codec Profile	Main profile
	Video Bit Rate	64Kbps ~ 16Mbps
	Audio Bit Rate	64K bps
Resolution and Frame Rate	Max. Resolution	3840x2160
	Main Stream	50Hz: 25fps:3840×2160,2560×1440,1920×1080,1280×960,1280×720, 60Hz: 30fps:3840×2160,2560×1440,1920×1080,1280×60,1280×720
	Sub Stream	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288); 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
	Third Stream	50Hz:25fps (1920×1080,1280×960,1280×720,704×576,640×480, 352×288) 60Hz:30fps (1920×1080,1280×960,1280×720,704×480,640×480, 352×240)
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Inbuilt High performance Array IR LEDs
	IR Range	Up to 200 Mtrs
Pan-Tilt	Pan Angle	360° endless pan rotation
	Tilt Angle	-25° to 155° (Auto Flip at 90°)
	Pan Speed	0.1° ~ 360°/s(Manual), 0.1° ~ 330°/s(Preset)
	Tilt Speed	0.1° ~ 210°/s(Manual), 0.1° ~ 180°/s(Preset)
	Presets	300
	Patrol	8 patrols, up to 16 presets per patrol
	Tour Pattern	4 Tour patterns
	Power-Off Memory	Supported
	PTZ Position Display	Supported
	3D Positioning	Supported
	Park Action	Preset/Cruise/Trace/Auto Scan/Random Scan
	Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot

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Operational Features	Privacy Masking	4mask. (24 programmable polygon privacy masks, color or mosaic configurable)
	Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
	Image Enhancement	BLC, HLC, 120dB WDR
	Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format
	OSD overlay	Max 15 characters/line, 8 lines, white or red font color
	Digital Zoom	8X
	3D DNR	Auto/Manual
	Codec Streaming Capability	Triple streaming
	Image Settings	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
	Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
	Onboard Storage	On-body Micro SD chamber, up to 256G
	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,RTMP DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP,DHCP, PPPoE, P2P
	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 ,Support PoE++
	Audio Input / Output	1ch/1ch
	Alarm input	1
	Alarm Output	1
	Reset Button	Supported
	Heater	Yes
	Fan	Yes
	Water Removal	Remove water-drops by quick spinning
Smart Analytics	Demist	Active electric heating and air loop
	Smart Features	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection
	Face Recognize	(Default off, open per request)Face detection, capturing, comparison. Max 17 faces per scene
	Road Traffic	Vehicle detecting and tracking. CPL
Electrical	Smart Tracking	Support smart tracking of human or vehicle ,auto/manual
	Power Requirement	DC24V±25%1500mA PoE++ (802.3.Bt)
Environmental	Power Consumption	Max 29W, including IR 10W
	Enclosure	Ip67, TVS 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
	Impact Protection	IK10 (excluding glass window)
	Operating Temperature	-40°C to +65°C, IR off; -40°C ~ 45°C,IR on; Cold start at - 30°C; 90%RH
	Storage Temperature	-40°C to +70°C
Mechanical	Operating Humidity	95% or less (non-condensing)
	Color	Black &White
	Dimensions	Φ 197mm × 302mm
Certification	Weight	Approx. 2.82KG
	Certification	UL, CE, FCC,RoHS

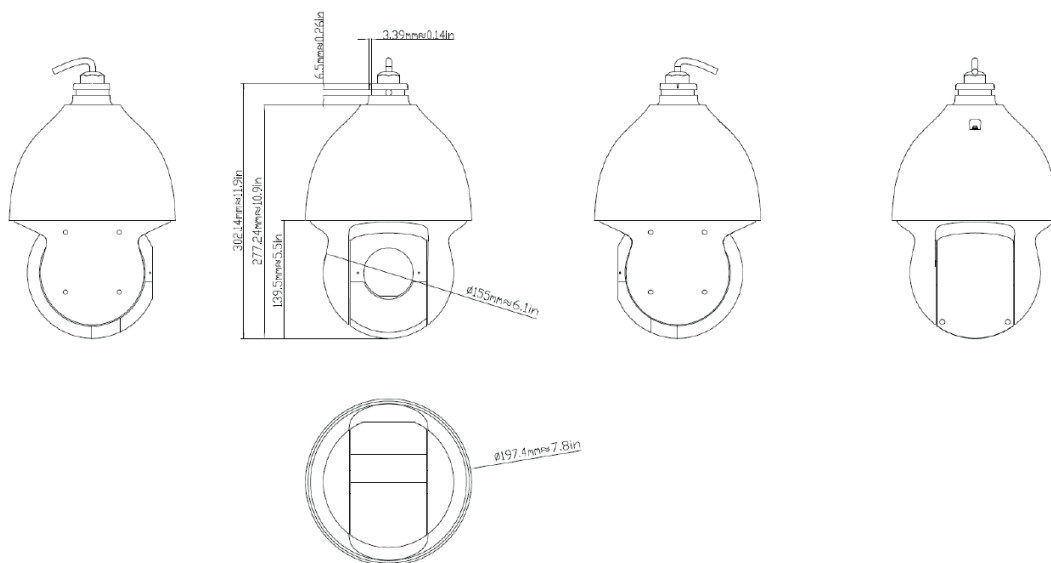
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

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DIMENSIONS

Unit: mm



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