

ULTRA HIGH DEFINITION 8MP IP PTZ Camera

VP-NC9768P-AZ32IR7T1
IR Night Vision High Speed PTZ Dome Camera



FEATURES

- Ultra High Definition 8MP (3840x2160) resolution
- 1/2.8" Sony Progressive Scan CMOS Sensor
- Inbuilt WDR, HLC, BLC, 3D DNR, and Smart IR functions
- Support H.265+/H.265/H.264+/H.264 video compression
- 32x Optical zoom
- 360° endless panning
- Inbuilt IR LEDs for 200 mtrs IR range
- Smart Video content analytics
- IP66 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

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Camera	Image sensor	1/2.8" Sony progressive scan CMOS sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840 (H) × 2160 (V)
	Minimum Illumination	Color: 0.01Lux @ (F1.2,AGC ON); B/W: 0.002Lux @ (F1.2, AGC ON);0Lux with IR
	Electronic Shutter Speed	50Hz: 1/25 s -1/25,000s; 60Hz: 1/30s-1/30,000s
	Signal to Noise	≥52dB
	Gain Control	Auto / Manual
	White Balance	Auto/Manual//Indoor/Outdoor
	Iris	Auto/Manual
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	F1.2 to F4.4
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
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	-5° to 90° (Auto Flip)
	Pan Speed	0.5° ~ 120°/s(Manual), 0.1° ~ 150°/s(Preset)
	Tilt Speed	0.5° ~ 120°/s(Manual), 0.1° ~ 120°/s(Preset)
	Presets	360
	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	4 programmable privacy masks
	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, 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
	Protocols	PELCO-P, PELCO-D, Multi protocol support
	3D DNR	Auto/Manual
	Codec streaming capability	Triple streaming
	Image settings	Rotate mode, Saturation, brightness, contrast, sharpness adjustable through client software or web browser
	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
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
	System compatibility	ONVIF, API & SDK
	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
Interface	Ethernet	1 RJ45 10M/100M Adaptive Ethernet
	Audio Input / Output	1ch/1ch
	Alarm input	1
	Alarm Output	1
	Reset Button	Supported
	Heater	Yes
	Fan	Yes
Smart Analytics	Water removal	Hot air blow to lens glass to remove frost,ice; Remove water-drops by quick spinning
	Smart Features	Tripwire, Bi-directional tripwire, Illegal intrusion detection, region entrance detection, region existence detection, Unattended, baggage detection, object removal detection, smart tracking (smart tracking of human or vehicle, auto/manual), road traffic (vehicle detecting & tracking), face recognize
Electrical	Power Requirement	DC24V/AC 24V ±25%, PoE++ (802.3.Bt)
	Power Consumption	MAX. 34W
Environmental	Enclosure	IP66, TVS 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
	Impact Protection	IK10 (excluding glass window)
	Operating Temperature	-40°C to +65°C
	Storage Temperature	-40°C to +70°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	Black &White
	Dimensions	Φ 209mm × 328mm
	Weight	Approx. 3.7KG
Certification	Certification	UL, CE, FCC,RoHS

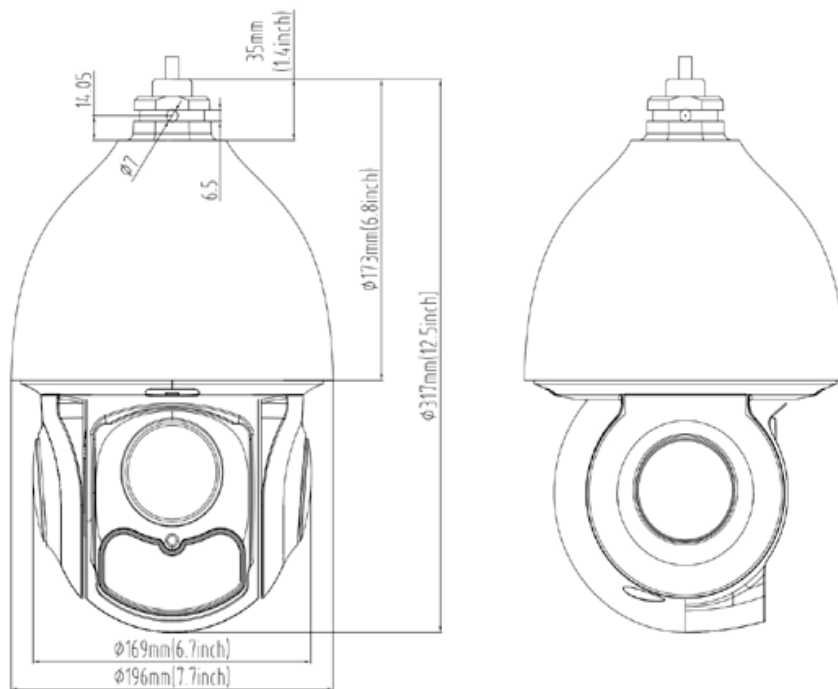
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

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DIMENSIONS

Unit: mm



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