ADVANCED ENGINEERING
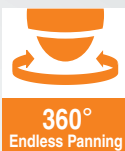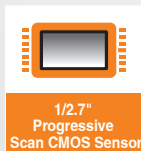**UK TECHNOLOGY**

vantage
keeping you safe

FULL HIGH DEFINITION
4MP IP PTZ Camera

VP-NC9794P-AZ25IR6T1
IR Night Vision High Speed PTZ Dome Camera

FEATURES

Full High Definition 4MP (2560×1440) resolution

1/2.7" Progressive Scan CMOS Sensor

Inbuilt WDR, 3D DNR, HLC, BLC & OSD functions

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

25x Optical zoom, Accurate and fast focusing

360° endless panning

Inbuilt IR LEDs for 150 mtrs IR range

IP66 Weather proof outdoor enclosure

1/2.7" Progressive Scan CMOS Sensor

FULL HD

Privacy Zone

Backlight Compensation

360° Endless Panning

Onvif (UL) CE FC RoHS

VP-NC9794P-AZ25IR6T1

Camera	Image sensor	1/2.7" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2560 (H) × 1440 (V)
	Minimum Illumination	Color:0.011Lux @ (F1.65,AGC ON):B/W:0.002Lux @(F1.65,AGC ON); 0 Lux with IR
	Electronic Shutter Speed	50Hz: 1/25s ~1/25,000s; 60Hz: 1/30s ~ 1/30,000s
	Signal to Noise	> 52 dB
	Gain Control	Auto / Manual
	White Balance	Auto/Manual//Indoor/Outdoor
	Iris	Auto DC
Lens	Lens Type	4.8mm to 120mm
	Field of View	Horizontal:55° to 2.4°(wide-tele), Vertical: 33° to 1.4°(wide-tele) Diagonal: 61.5° to 2.8°(wide-tele)
	Zoom	25x Optical Zoom
	Zoom Speed	Approx. 3.6s (optical lens, wide-tele)
	Aperture Range	F1.65 ~ F3.8 (wide-tele)
Compression	Video Compression	H.265/H.264+/H.264/MJPEG
	H.265 Codec Profile	Main profile
	Video Bit Rate	64Kbps to 8Mbps
	Audio Compression	G.711 A/U
	Audio Bit Rate	64K bps
Resolution and Frame Rate	Max. Resolution	2560x1440
	Main Stream	50Hz: 25fps: 2560×1440,1920×1080,1280×960,1280×720 60Hz: 30fps: 2560×1440,1920×1080,1280×960,1280×720
	Sub Stream	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
	Third Stream	50 Hz: 25 fps (1920×1080,1280×960,1280×720,704×576,640×480, 352×288) 60 Hz: 30 fps (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 IR LEDs
	IR Range	Up to 150 Mtrs
Pan-Tilt	Pan Angle	360° endless pan rotation
	Tilt Angle	-5° to 90° (Auto Flip)
	Pan Speed	0.1° ~ 200°/s(Manual), 0.1° ~ 240°/s(Preset)
	Tilt Speed	0.1° ~ 200°/s(Manual), 0.1° ~ 240°/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
	Preset Freezing	Supported
	Scheduled Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot
	Action mode	Preset/Cruise/Trace/Auto Scan/Random Scan
	Proportional Zoom	Supported
	3D Positioning	Supported

TECHNICAL SPECIFICATIONS

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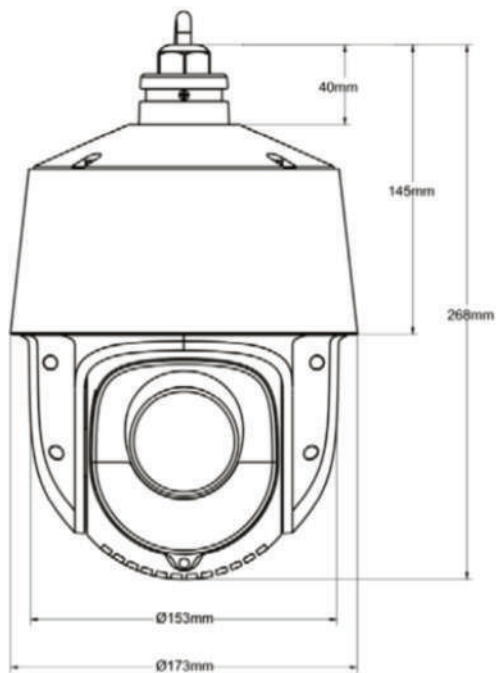|		
Operational Features	Alarm Linkage	Alarm actions, such as Preset, Cruise,Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/ Memory Card, Send Email, etc.
	OSD overlay	Max 15 characters/line, 8 lines, white or red font color
	Image Enhancement	HLC / BLC / EIS
	EIS	Supported
	Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format
	Defog	Electronic
	WDR	Supported
	Protocols	PELCO-P, PELCO-D, Multi protocol support
	Privacy Mask	4 areas, up to 4 mask in the same frame
	3D DNR	Auto/Manual
	Codec streaming capability	Triple streaming
	Image settings	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser
	Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
	Onboard Storage	Support Micro SD slot, up to 256 GB
	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, IGMP, ICMP,DHCP, PPPoE
	System Compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	User Access	16 users online with professional authority management
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported
	Simultaneous Live View	Up to 6 channels
	Web Browser	IE8-11
Interface	Ethernet	1 RJ45 10M/100M adaptive ethernet
Smart Analytics	Smart Features	Tripwire, Bi-directional tripwire,Illegal intrusion detection,Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Vehicle detecting and tracking
	Face Recognize	Detecting max 15 faces at same scene. Detecting, tracking, capturing
	Smart Tracking	Smart tracking of human or vehicle, auto/manual
Electrical	Power Requirement	DC12V±25%,3000mA ,PoE+ (802.3.at, class 3)
	Power Consumption	MAX. 23W (include IR ON+PTZ working, Heater on, Fan working)
	Alarm Input/Output	1 alarm input(Dry contact); 1 alarm output
	Audio Input/Output	1 audio input(MIC in); 1 audio output, line level, impedance,600Ω
Environmental	Enclosure	IP66, 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
	Impact Protection	IK10
	Operating Temperature	-40°C to +60°C
	Storage Temperature	-40°C to +70°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	Φ 173mm × 247mm
	Weight	Approx. 2.1KG
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