

ULTRA HIGH DEFINITION 8MP IP DUAL LENS CAMERA

VP-NC92378PD-AF2WLIRT1
180° PANORAMIC DOME CAMERA



FEATURES

Ultra High Definition 8MP (4640X1760) resolution

Panoramic 180° wide angle view with dual fixed lenses

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

Inbuilt DWDR, 3D DNR, BLC, HLC, and ROI functions

Supports triple streams

Support mobile surveillance by smart phones with iOS and
Android OS

IP66 weather proof enclosure



TECHNICAL SPECIFICATIONS

VP-NC92378PD-AF2WLRT1

Camera	Image sensor	1/2.7" progressive scan CMOS dual sensors
	Signal System	PAL/NTSC
	Effective Pixels	4640 (H) x 1760 (V)
	Minimum Illumination	Color 0.0032 lux@F1.6, AGC ON; 0 lux with LED ON
	Electronic Shutter Speed	1 / 3 s ~ 1 / 100000 s
	Gain Control	Auto/ Manual
	Signal to Noise	> 50 dB
	Iris Type	Fixed
Lens	Lens Type	2.8 mm @F1.6
	Mount	M12
	Field of View	Horizontal: 180°; Vertical: 66°
	Angle Adjustment	Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°
Day/Night Functionality	Day & Night	Auto
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Inbuilt Smart IR LEDs with intensity control
	IR & White light Range	IR Range: up to 30m; White light range: up to 20m
Compression	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	H.264 Compression	Baseline Profile/Main Profile/High Profile
	Audio Compression	G711A / U
	Video Bit Rate	64 Kbps ~ 10Mbps
Resolution and Frame Rate	Max. Resolution	8MP (4640x1760), 6MP (3632x1632), 4MP (3200x1200), 2MP (2304x864), 2048x768, 1600x608, 1200x448, 960x368, 640x240;
	Main Stream	8MP/6MP/4MP/2MP (60Hz : 1~30fps; 50Hz : 1~25fps)
	Sub Stream	2048x768/1600x608/1200x448 (60Hz: 1~30fps; 50Hz: 1~25fps)
	Third Stream	1200x448/960x368/640x240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Operational Features	Wide Dynamic Range	DWDR
	HLC	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Defog	Supported
	BLC	Supported
	Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
	ROI	Each ROI to be configured separately
	General Function	Watermark, video mask, heartbeat, smart supplement light, ANR, cloud upgrade
	Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP
	Onboard Storage	Built-in micro SD card slot; up to 256GB
Network & Remote Monitoring	Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm, light alarm
	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS
	System Compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth Control	CBR / VBR
	Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
	Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
	Storage	Network remote storage; micro SD card storage



TECHNICAL SPECIFICATIONS

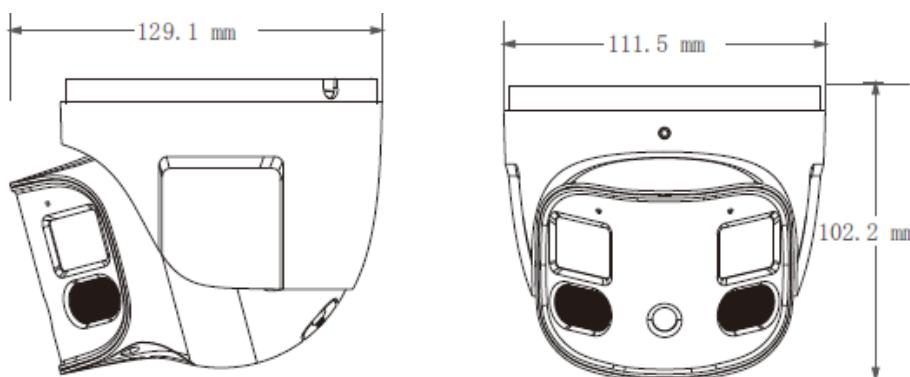
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Analytics Features	Smart Features	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection
	Statistics	Target counting by line/area, heat map
	Exception Detection	Scene change, video blur and abnormal color detection, audio exception
	Face Detection	Face detection and face capture
	Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature
Interface	Ethernet	1 RJ45 10M/100M Adaptive Ethernet
	Power Input	Standard DC Jack
	Audio Interface	1CH audio input; 1CH audio output; 1CH built-in speaker; 2CH built-in MICs
	Alarm Interface	1CH alarm input; 1CH alarm output
	Reset Button	Supported
Electrical	Power Requirement	DC12V/PoE IEEE802.3af
	Power Consumption	PoE: max. 10.2W; DC12V: max. 9W
Environmental	Enclosure	IP66 weather proof enclosure
	Operating Temperature	-30°C ~60°C
	Storage Temperature	-30°C ~65°C
	Humidity	95% or less (non-condensing)
Mechanical	Dimensions	Φ 111.5mm x 102.2mm
	Weight	Approx. 0.719KG
	Installation	Ceiling mounting; Wall mounting
Certifications	Certifications	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.

DIMENSIONS

Unit: mm



VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton
West Midlands, WV6 0JZ United Kingdom

Ph:+44-1902793383, Email: sales@vantagesecurity.com
www.vantagesecurity.com

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