vantage
keeping you safe

FULL HIGH DEFINITION
4MP IP BULLET CAMERA

VP-NC92264B-AF3WL4GST1
4MP SOLAR POWERED 4G NETWORK CAMERA

FEATURES

Full high definition 4MP (2560×1440 pixels) resolution

Powered by integrated solar panel with built-in battery

4G network enabled with onboard SIM card slot for standalone application

PIR motion sensors based intrusion deterrence and warning function

Built-in microphone & speaker and micro SD card slot for edge storage

Full color image at night, 120dB WDR & smart video analytics supported

IP67 rated weatherproof enclosure with category 12 typhoon level wind resistance

H.265+ COMPRESSION

VCA

120dB WDR

SD Card

IP67 Weather Proof

www.vantagesecurity.com

Onvif CE FC RoHS

TECHNICAL SPECIFICATIONS

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Camera	Image sensor	1/1.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2560 (H) × 1440 (V)
	Minimum Illumination	Color : 0.000625 lux@F1.0, AGC ON; 0 lux with LED ON
	Electronic Shutter Speed	Auto
	Gain Control	Auto
	Signal to Noise	≥ 50dB
Lens	Lens Type	3.6mm fixed focal lens (2.8 mm optional)
	Lens Mount	M16
	FoV	H.FoV: 113°; V.FoV:60°; D.FoV:133°
	Aperture	F1.0
DORI	DORI	2.8mm, D: 50 m, O: 20 m, R: 10 m, I: 5 m
		3.6mm, D: 62 m, O: 25 m, R: 12 m, I: 6 m
Illuminator	Supplement Light	LED white light with smart intensity control
	Color Night Vision Range	Full power mode: up to 20 m; Low power mode: up to 10 m
Compression	Video compression	H.265+ / H.265/ H.264+ / H.264 /MJPEG
	H.264 codec profile	Baseline Profile/Main Profile/High Profile
	Audio Compression	G711A / U
	Video Bit Rate	16 Kbps ~ 8 Mbps
Resolution and Frame Rate	Max. Resolution	2560 × 1440
	Main Stream	50Hz:4MP/3MP/1080P/720P(1~12fps) 60Hz:4MP/3MP/1080P/720P(1~15fps)
	Sub Stream	50Hz:720P/D1/CIF (1~12fps) 60Hz:720P/D1/CIF (1~15fps)
	Third Stream	50Hz:720P/640 × 480 (1 fps) 50Hz:720P/640 × 480 (1 fps)
Operational Features	HLC	Supported
	Wide Dynamic Range (WDR)	120dB
	Angle Adjustment	Pan: 0°~360°; Tilt:-60°~10°
	Backlight Compensation	Supported
	ROI	Each ROI to be configured separately
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec Streaming Capability	Triple streaming
	Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser
	General Function	Watermark, video mask, heartbeat, corridor pattern
	Storage	Built-in 64G eMMC storage (including system software); Built-in micro SD card slot, up to 256GB
	Smart Alarm	Motion detection, SD card error, SD card full
	Alarm Linkage	Upload to memory card/eMMC/FTP, notify surveillance center, audible warning, trigger recording, trigger capture,
	Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

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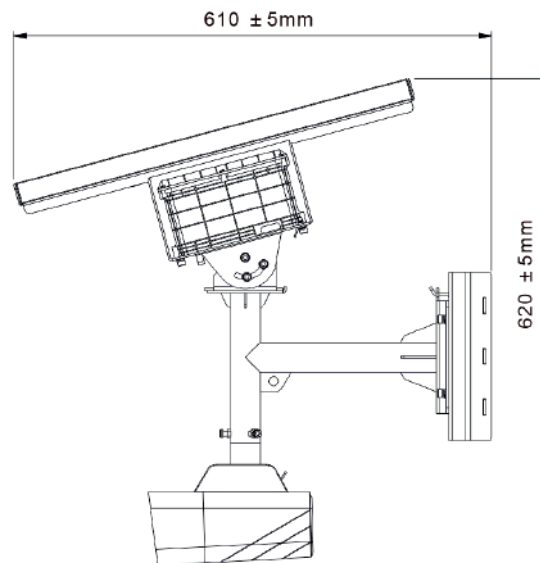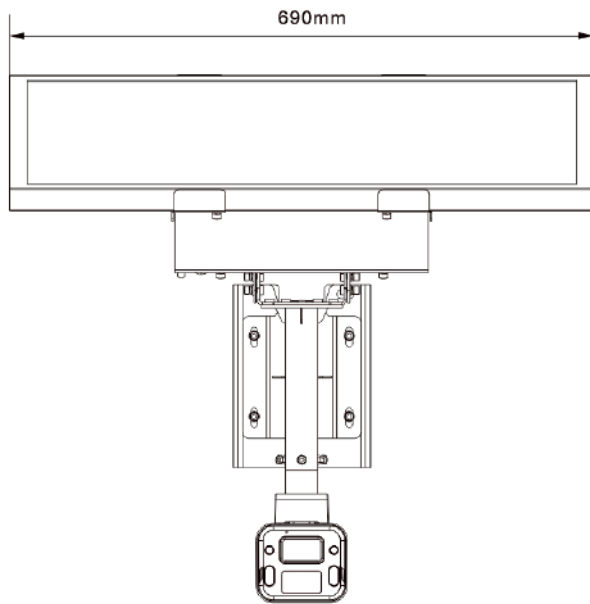|		
Network & Remote Monitoring	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, SNMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTPs, HTTP, QoS, P2P, HTTP POST
	System Compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported
	Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
	Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/ Safari 14.0+
Smart Analytics	Smart Features	Video exception detection, region intrusion detection (human/vehicle classification), line crossing detection(human/vehicle classification), and abandoned / missing object detection, PIR
Mobile Communication	SIM Card Type	Micro SIM
	Frequency	LTE-TDD: Band 38/39/40/41; LTE-FDD: Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28; WCDMA: Band 1/5/8; GSM: Band 2/3/5/8
	Standard	LTE-TDD, LTE-FDD, WCDMA, GSM, 4G Cat4
PIR	PIR Angle	Horizontal: 82°, vertical:50°
	PIR Range	Up to 15 m
Battery	Batter Type	LFP battery (lithium iron phosphate battery)
	Capacity	23Ah
	Battery Voltage	12.8V
	Operating Temperature	Charging: -20°C to 45°C: Discharging: -20 °C to 60 °C
	Battery Life	More than 2000 cycles
Interface	Ethernet	1 CH RJ45 10 M/100 M self-adaptive Ethernet port
	Audio Input	1 CH built-in MIC, 1 CH built-in Speaker
	RS-485	Yes, half-duplex supported
	Warning Light	1 blue LED light, 1 red LED light
	Reset	Yes, supported
Electrical	Power Requirement	12 VDC ± 25%, 60 W ±2 W Solar panels
	Power Consumption	Max. 5W
	Lower Power Mode	< 3.5 W (4 G working)
Environmental	Enclosure	Ip67 outdoor enclosure, wind resistance 12 level
	Mounting bracket	Integrated mounting bracket with cable management
	Operating Temperature	-20°C to + 50°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	Camera : 107× 94 x 208mm Solar Panel: 690× 516mm
	Weight	Approx. 16.9KG (without LFP battery) Approx. 20.65 KG (with LFP battery)
Certifications	Certifications	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.

TECHNICAL SPECIFICATIONS

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DIMENSIONS
Unit: mm

690mm

610 ±5mm

620 ±5mm