

FULL HIGH DEFINITION 4MP IP BULLET CAMERA

VV-NC91004B-AF3IR2T1 IR NIGHT VISION FIXED CAMERA



FEATURES

Full HD 4MP (2688x1520) resolution

1/3" progressive scan CMOS sensor

High performance IR cut mechanical filter for true day & night vision

Inbuilt 120dB WDR, 3D DNR, HLC, BLC, ROI functions

Support triple streams

Support mobile surveillance by smart phones with iOS or Android OS

Inbuilt smart analytics supported

IP67 weather proof enclosure



TECHNICAL SPECIFICATIONS

VV-NC91004B-AF3IR2T1

Camera	Image Sensor	1/3" progressive scan CMOS sensor
	Signal System	PAL/NTSC
	Effective Pixels	2688 (H) × 1520 (V)
	Minimum Illumination	Color : 0.005 lux@F1.6,AGC ON;0 lux with IR
	Electronic Shutter Speed	1 / 3s ~ 1 / 100000 s
	Gain Control	Auto
	Signal to Noise	> 50 dB
	Iris	Fixed
Lens	Lens Type	3.6mm@F1.6,(2.8 optional)
	Lens Mount	M12
	Focus	Fixed
	Field of View	Horizontal FoV:78.8°;Vertical FoV:42.3°;Diagonal FoV:100.2°
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Inbuilt Smart IR with intensity control
	IR Range	30 ~ 50 mtr.
Compression	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	H.264 Codec Profile	Baseline Profile/Main Profile/High Profile
	Video Bit Rate	64Kbps ~ 8Mbps
	Audio Compression	G711A / U
Resolution and Frame Rate	Max. Resolution	4MP (2688×1520), 2592×1520, 2K (2560×1440), 3MP(2304×1296), 1080P, (1920×1080), 720P (1280×720), D1, VGA(640×480), 640×360, CIF, 480×240
	Main Stream	4MP/2592×1520/2K/3MP/1080P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
	Sub Stream	1080P (60Hz:1~15fps; 50Hz:1~12fps)/ 720P/D1/VGA/640×360/480×240/CIF(60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
	Third Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Operational Features	Wide Dynamic Range	120dB
	BLC	Supported
	Defog	Supported
	ROI	Each ROI to be configured separately
	HLC	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec Streaming Capability	Triple streaming
	Image Settings	ROI, saturation, brightness, hue, contrast, wide dynamic, sharpness, Image mirror, Image flip, NR, etc. adjustable through client software or web browser
	Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, Network disconnected, sensor alarm
	General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR
	Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API
Network & Remote Monitoring	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS
	System compatibility	ONVIF, API & SDK
	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
	Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+
	Online Connection	Support simultaneous monitoring for up to 8 users; Support multi-stream real time transmission
	Network Storage	Built-in micro SD card slot; up to 256GB

TECHNICAL SPECIFICATIONS

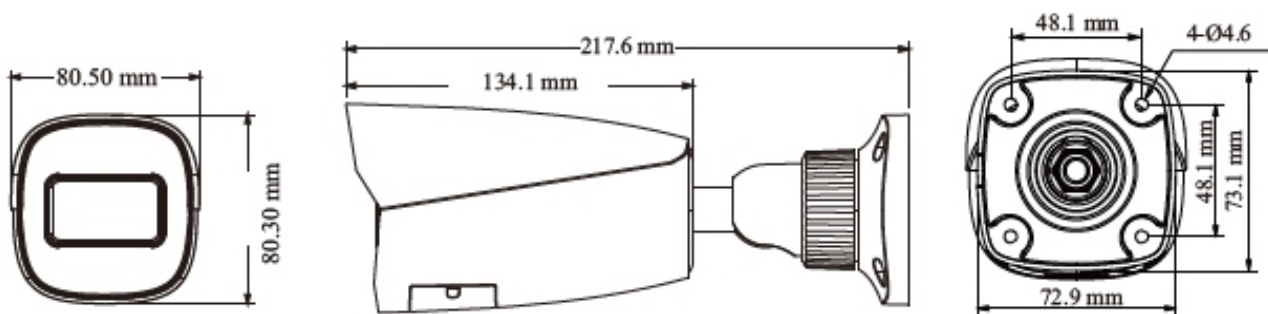
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Interface	Ethernet	1 RJ45 10M/100M self-adaptive Ethernet port			
	Power Input	Standard DC Jack			
	Audio	1CH audio input; 1CH audio output; 1 CH built-in MIC			
	Alarm	1CH alarm input; 1CH alarm output			
	Reset	Yes,Supported			
Smart Analytics	Smart Features	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection			
	Target Counting	Target counting by line/area, heat map			
	Exception Detection	Scene change, video blur and video cast detection, audio exception			
	Face Detection	Face detection and face capture			
	Face Detection	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			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	60m(199ft)	24m(79ft)	12m(39ft)	6m(19ft)
	3.6mm	75m(246ft)	30m(98ft)	15m(49ft)	7m(24ft)
Electrical	Power Requirement	DC12V/PoE (IEEE802.3af)			
	Power Consumption	DC12V: <9W; PoE: <10.7W			
Environmental	Enclosure	IP67 weather proof enclosure			
	Operating Temperature	-30°C to + 60°C			
	Storage Temperature	-30°C to + 65°C			
	Operating Humidity	95% or less (non-condensing)			
Mechanical	Installation	Ceiling mounting; Wall mounting			
	Dimensions	217.6 × 80.5 × 80.3mm			
	Weight	Approx. 0.67KG			
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.

DIMENSIONS

Unit: mm



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