

FULL HIGH DEFINITION 2MP IP BULLET CAMERA

VV-NC91002B-AF3IR2T1
IR NIGHT VISION STARLIGHT FIXED BULLET CAMERA



FEATURES

Full HD 2MP (1920x1080) resolution

1/2.8" progressive scan CMOS sensor

Inbuilt smart IR LEDs with intensity control

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

IP67 weather proof enclosure



TECHNICAL SPECIFICATIONS

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Camera	Image Sensor	1/2.8" progressive scan CMOS sensor
	Signal System	PAL/NTSC
	Effective Pixels	1920 (H) × 1080 (V)
	Minimum Illumination	Color : 0.005 lux@F1.6,AGC ON; 0 lux with IR; B/W:0.003 lux@F1.3, 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	3.6 mm@F1.6 fixed lens (2.8mm optional)
	Lens Mount	M12
	Focus	Fixed
	FOV	H.FoV: 97°; V.FoV:45°; D.FoV: 105°
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
	Audio Compression	G711A / U
	Video Bit Rate	64 Kbps ~ 6 Mbps
Resolution and Frame Rate	Max. Resolution	1080P(1920×1080),720P(1280×720),D1,VGA(640×480),640×360,480×240,CIF
	Main Stream	1080P/720P(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)
	Sub Stream	720P/D1/VGA/640×360/480×240/CIF(60Hz:1~30fps;50Hz:1~25fps)
	Third Stream	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, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm
	General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade
	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
Network & Remote Monitoring	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
	Online Connection	Support simultaneous monitoring for up to 8 users; Support multi-stream real time transmission
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported
	Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
	Network Storage	Built-in micro SD card slot; up to 256GB

TECHNICAL SPECIFICATIONS

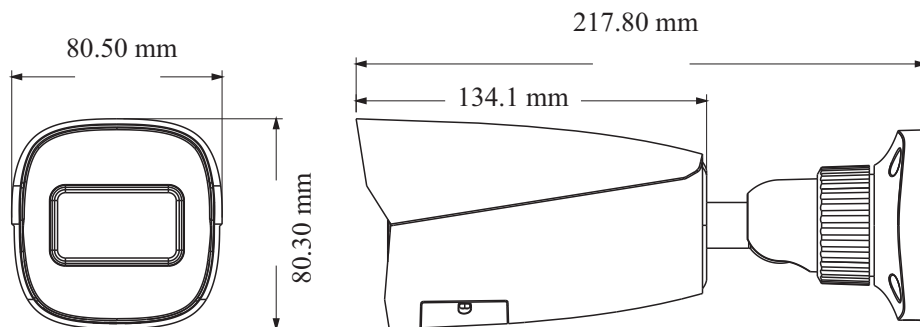
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Interface	Ethernet	1 RJ45 10/100 ethernet port
	Power Input	Standard DC jack
	Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
	Alarm	1CH alarm input; 1CH alarm output
	Reset	Yes, supported
Smart Analytics	Smart Features	Line crossing, region intrusion/entrance/exiting, 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 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
Electrical	Power Requirement	DC12V/PoE (IEEE802.3af)
	Power Consumption	< 9.5W
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	217.8 × 80.5 × 80.3
	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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