

FULL HIGH DEFINITION 4MP IP BULLET CAMERA

VV-NC41004B-AZIR2T1
IR NIGHT VISION MOTORIZED VARIFOCAL ZOOM CAMERA



FEATURES

- Full HD 4MP (2560x1440) resolution
- 1/3" progressive scan CMOS sensor
- Inbuilt high intensity Smart IR LEDs with intensity control
- Inbuilt true 120db WDR, 3D DNR, HLC, & BLC functions
- Support triple streams
- Inbuilt smart analytics
- Inbuilt SD card slot up to 256GB supported
- IP67 weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

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Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2560 (H) × 1440 (V)
	Minimum Illumination	Color: 0.005 lux @F1.6, AGC ON; 0 lux with IR
	Electronic Shutter Speed	1/2s ~ 1/100000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 50 dB
	Iris	Fixed Iris
Lens	Lens Type	2.8mm to 12mm motorized varifocal Lens
	Lens Mount	Ø14
	Focus	Varifocal (manual/motorized)
	Zoom	Manual Optical Zoom Adjustment
	Angle Adjustment	H. FoV: 92 °~31 °; V. FoV: 48 °~17.2°; D.FoV: 112 °~ 35.6 °
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 intensity Smart IR LEDs with intensity control
	IR Range	30 ~ 50 mtr.
Compression	Video compression	H.265 / H.264 / MJPEG
	H.265 codec profile	Main profile
	Video Bit Rate	64 Kbps ~ 8 Mbps
	Audio Compression	G711A/U
Resolution and Frame Rate	Max. Resolution	2560× 1440
	Main Stream	50Hz: 4MP/3MP/1080P/720P(1~25fps) 60Hz: 4MP/3MP/1080P/720P(1~30fps)
	Sub Stream	50Hz: 720P/D1/CIF (1~25fps) 60Hz: 720P/D1/CIF (1~30fps)
	Third Stream	50Hz: D1/480× 240/CIF(1~25fps) 60Hz: D1/480× 240/CIF (1~30fps)
Operational Features	Wide Dynamic Range	120dB
	BLC	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, Chroma, Contrast, Wide Dynamic, Sharpen, Mirror, Image Flip, NR, etc. adjustable through client software or web browser
	Alarm Trigger	Motion detection, SD card full, SD card error
	Security	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
Network & Remote Monitoring	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, 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	VBR (Automatic) and CBR (Manual) supported
	Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
	Network Storage	Built-in micro SD card slot; up to 256GB
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Input	1CH audio input; 1CH built-in MIC
	Reset	Supported

TECHNICAL SPECIFICATIONS

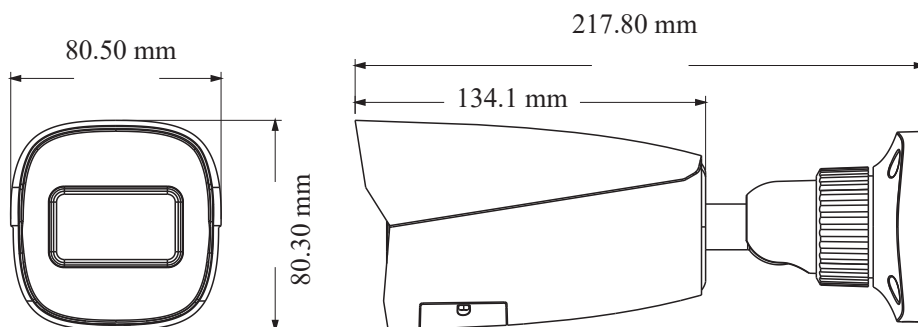
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Smart Features	Smart Analytics	Video Exception (scene change, video blur and video cast detection), line crossing detection and region intrusion detection
Electrical	Power Requirement	DC12V/PoE
	Power Consumption	<8W
Environmental	Enclosure	IP67 Weather proof outdoor enclosure
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	217.8 × 80.5 × 80.3mm
	Weight	Approx. 0.66KG
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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