

FULL HIGH DEFINITION H.265 2MP IP BULLET CAMERA

VV-NC41002B-AVFIR2T1 IR NIGHT VISION VARIFOCAL CAMERA



FEATURES

- Full High Definition 2MP (1920 x 1080) resolution
- H.265 video compression technology with real time encoding
- Inbuilt High intensity Smart IR LEDs with intensity control
- Inbuilt WDR, 3D DNR, HLC, Defog & BLC functions
- Support Dual streams
- One way audio Supported
- Inbuilt SD card Slot up to 128GB Supported
- IP67 Weather proof outdoor enclosure



SD Card



Smart IR

TECHNICAL SPECIFICATIONS

VV-NC41002B-AVFIR2T1

Camera	Image sensor	1/2.9" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	1920 (H) × 1080 (V)
	Minimum Illumination	Color : 0.0035 Lux @ F1.2, B&W: 0 Lux at IR
	Electronic Shutter Speed	1/25s ~ 1/100,000s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 52 dB
	Iris	DC Iris
Lens	Lens Type	2.8mm to 12mm Varifocal Lens
	Lens Mount	M12
	Focus	Manual
	Zoom	Manual Optical Zoom Adjustment
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	Up to 50 Mtr.
	IR Life	40000 Operation Hours
Compression	Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	H.265 codec profile	Main profile / Baseline profile / High Profile
	Video Bit Rate	128Kbps ~ 10 Mbps
	Audio compression	G.711A / G.711U
	Audio Bit Rate	64 Kbps
Resolution and Frame Rate	Max. Resolution	1920 × 1080
	Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 480, 352 × 204) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 352 × 204)
	Sub Stream	50Hz: 25fps (704 × 480, 480 × 240, 352 × 204) 60Hz: 30fps (704 × 480, 480 × 240, 352 × 204)
Operational Features	Wide Dynamic Range (WDR)	DWDR
	BLC & HLC	Yes, zone configurable
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	ROI	Supported
	Codec streaming capability	Dual streaming
	Image settings	Saturation, Brightness, Chroma, Contrast, Sharpness, Defog, Mirror etc adjustable through client software or web browser
	Security	User Authentication
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
	Alarm trigger	Smart Analytics, Motion detection, SD card error, SD card full
Network & Remote Monitoring	Protocols	IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, RTSP, RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X
	System compatibility	ONVIF Profile S & Profile G
	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
User Access	Up to 20 users online with professional authority management	
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Input	1

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Features	Smart Analytics	Video blur detection, Line crossing detection and Intrusion detection
Electrical	Power Requirement	12 VDC \pm 10% , PoE (802.3af)
	Power Consumption	Max. 7W
Environmental	Enclosure	IP67 Weather proof outdoor enclosure
	Mounting bracket	Integrated mounting bracket with cable management
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	217.7 x 80.5 x 80.5 mm
	Weight	650g
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.

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