

# FULL HIGH DEFINITION 4MP IP BULLET CAMERA

**VP-NC91274B-AZ4IR4NPT1**  
IR NIGHT VISION MOTORIZED ZOOM LPR CAMERA



## FEATURES

- Full High Definition 4MP ( 2560 × 1520) resolution
- H.265+ video compression technology with real time encoding
- Inbuilt 120dB WDR, 3D DNR, HLC, ROI & BLC functions
- Support Triple streams
- High performance IR Cut mechanical filter for True Day & Night vision
- Inbuilt Smart Analytics Features
- IP67 Weather proof outdoor enclosure

**H.265+**  
COMPRESSION



**VCA**



**120dB  
WDR**



**IP67  
Weather Proof**

## TECHNICAL SPECIFICATIONS

### VP-NC91274B-AZ4IR4NPT1

Camera	Image sensor	1/1.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2592 (H) × 1520(V)
	Minimum Illumination	Color : 0.0007 lux@F1.3, AGC ON; 0 lux with IR B/W: 0.001 lux@F1.6, AGC ON; 0 lux with iR
	Electronic Shutter Speed	Manual or auto; manual: 1 / 1 s ~ 1 / 1000000s
	Gain Control	Auto
	Signal to Noise	≥50dB
	Iris	DC Iris
Lens	Lens Type	8~32mm@F1.6, motorized lens
	Lens Mount	Integrated
	FoV	Horizontal: 41°~15.5°; Vertical: 23°~ 9.5°; Diagonal: 46.5°~18°
	Focus	Motorized
	Recommended ANPR Distance	7~30m
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	70~100m
Compression	Video compression	H.265+ / H.265 / H.264+ / H.264/ MJPEG
	H.264 Compression	Baseline Profile/Main Profile/High Profile
	Audio Compression	G711A / U
	Video Bit Rate	64 Kbps ~ 8 Mbps
Resolution and Frame Rate	Max. Resolution	4MP (2592 x1520 ), 2K (2560 x1440), 3MP(2304 x1296),1080P(1920 x1080), 720P (1280 x720 ), D1, CIF
	Main Stream	4MP/2K/3MP/1080P( 60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps ) HFR Mode: 1080P(60Hz: 1~60fps; 50Hz: 1~50fps)
	Sub Stream	720P/D1/CIF ( 60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps )
	Third Stream	D1/CIF ( 60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps )
Operational Features	HLC	Supported
	Wide Dynamic Range (WDR)	120dB
	Backlight Compensation	Supported
	Defog	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
	General Function	Watermark, video mask, heartbeat, corridor mode
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 256 GB
	ROI	Each ROI to be configured separately
	Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS
	Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection

## TECHNICAL SPECIFICATIONS

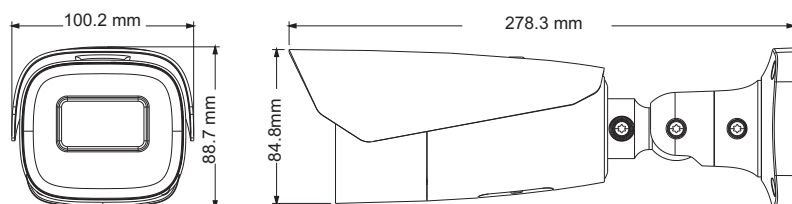
### VP-NC91274B-AZ4IR4NPT1

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, 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	IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
	Online Connection	Support simultaneous monitoring for up to 10 users;
	Network Storage	NVR/CMS
Analytics Feature	Smart Features	License plate recognition, video exception detection
LPR	Snapshot	Original image (4MP resolution) and license plate image
	Vehicle Plate Database	10,000
	License Plate Detection & Recognition	Capture of vehicles with license plates and vehicles without license plate, Support plate exposure, travel direction recognition, plate character fault tolerance, plate comparison, snapshot time display Vehicle feature extraction: including vehicle color, plate color, vehicle type, vehicle brand/model, production year, etc.
	Capture Speed Range	0~120km/h
Interface	Ethernet	1 RJ45 10/100 self-adaptive Ethernet port
	Video Output	CVBS output (BNC x 1)
	Audio	1CH audio input; 1CH audio output
	Alarm	1CH alarm input; 1CH alarm output
	Reset	Supported
	RS 485	Supported
	Wiegand	Yes (26bit)
Electrical	Power Requirement	DC12V/AC24V/PoE (IEEE802.3af)
	Power Consumption	Max. 12W
Environmental	Enclosure	IP67 Weather proof enclosure
	Mounting bracket	Integrated mounting bracket with cable management
	Operating Temperature	-30°C to + 60°C
	Storage Temperature	-30°C to + 65°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	278.3 × 100.2 × 88.7mm
	Weight	Approx. 1.176KG
	Installation	Ceiling mounting; Wall mounting
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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