

FULL HIGH DEFINITION 5MP IP BULLET CAMERA

VP-NC6422B-Z4IR5NPX1 ANPR ULTRA-LOW LIGHT BULLET CAMERA



FEATURES

Full High Definition 5MP(2560 x 1944) resolution

1/1.7" Progressive Scan CMOS Sensor

Triple-Stream(H.265+ /H.265/H.264/MJPEG) supported

Support micro SD/ micro SDHC/ micro SDXC card, up to 1TB supported

140dB True WDR, 3D DNR, HLC and BLC functions

Supports Vehicle Detection and ANPR

Inbuilt smart analytics

IP67 Weather Proof Outdoor Enclosure



Backlight
Compensation



140dB True
WDR



Triple
Stream



SD Card



IP67
Weather Proof

TECHNICAL SPECIFICATIONS

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Parameter	Specifications
Image Sensor	1/1.7" CMOS
Scanning Mode	Progressive scan
Minimum Illumination	Color: 0.0001 Lux @ F1.4, B/W: 0 Lux (IR LED on)
Resolution	Maximum 5MP (2560 × 1944 pixels)
Lens Type	Motorized varifocal lens 10 to 52 mm with auto-focus
Aperture	F1.4 ~ F2.8
Iris Control	DC
Electronic Shutter Speed	1s to 1/100,000s (anti-flicker, slow shutter supported)
Day & Night Switch	Built-in IR cut filter Day, Night, Auto, Schedule
Angular Field of View	Wide: 40° (H), 20° (V), 46° (D) Tele: 5° (H), 3° (V), 11° (D)
Night Vision Source	Smart infrared LED illumination with intensity control
IR Range	Up to 102 meters distance
Video Compression	Main stream: H.265+/H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG H.265: Main Profile H.264: Baseline Profile, Main Profile, High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Bit Rate Control	Variable and Constant bit rate supported
Signal to Noise Ratio	≥ 65 dB
Multi-Video Streaming	Main Stream: 2560x1944@25fps, 2688x1520@25fps, 1920x1080@25fps, 1280x760@25fps, 704x576@25fps, 352x288@25fps Sub-Stream: 1920x1080@25 fps, 1280x760@25 fps, 704x576@25 fps, 352x288@25 fps Triple Stream: 1280x760@25fps, 704x576@25fps, 352x288@25fps
Simultaneous Live View	Max. 25 channels
User/Host	Max. 40 users. 3 user levels: administrator, common user and operator
Audio Interface	Supported
Audio Compression	G.711/G.722.1
Audio Bit Rate	8Kbps (G.711) 16Kbps (G.722.1)
Audio Enhancement	Environment noise filtering and echo cancellation
Image Stabilization Settings	Brightness, hue, contrast, saturation, sharpness, auto gain control, white balance, rotate mode, adjustable by camera web interface or CMS client
Image Compensation	WDR 140 dB, BLC, 3D DNR image enhancement supported
Network Storage	CVR, NVR, ANPR
System Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IGMP, QoS, IPv4/IPv6, UDP, SSL/TLS, ISUP, ARP, 802.1X
System Compatibility	Onvif Profile S, G, T supported
Plug & Play Integration	Proprietary protocol supports auto configuration of device
Security	HTTPS encryption, 802.1X authentication (EAP-PEAP, EAP-LEAP, EAP-Md5), Watermark, IP address filter, Basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, TLS 1.2, 1.3, Host authentication (MAC address)
Web Browser	Chrome V61+, IE9 to IE11, Firefox V41+, Edge
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
Other Interface	RS 485, Wiegand
Edge Storage	Built-in memory card slot max. 1TB supported microSD/microSDHC/microSDXC surveillance grade card
Camera Default	Reset button supported
Alarm Events	Motion detection, human and vehicle differentiation, alarm trigger, sensor detection, vehicle loop and traffic light detector exception, memory card /HDD error, SD card full, IP address conflict, cable disconnection, network loss, video tampering detection & exception alarm
Alarm Linkage	Notify surveillance control centre, send email, trigger recording, trigger capture, trigger alarm output and upload to FTP/memory card

TECHNICAL SPECIFICATIONS

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Artificial Intelligence Based LPR & Video Analytics	No license plate detection, Motorcycle license plate detection traffic flow detection: vehicle type, lane flow, lane speed, space headway, time headway, lane time occupancy rate, lane space occupancy rate, queuing length, and traffic status Incident detection: congestion, stopped vehicle, lane change, wrong-way driving, speeding, low-speed driving Vehicle Type: Car, Van, Bus, Truck, Light Truck, SUV(MPV), Pickup, Motorcycle, Tricycle Vehicle Color: Red, yellow, green, blue, pink, purple, cyan, brown, white, grey, black (color detection works in daylight only)
Embedded Operating System	Built-in Linux for powerful AI computing
LPR Capture Speed	Max 140 Kmph (Under recommended installation and lighting conditions)
License Plate Recognition OCR Accuracy	> 98%
Capture Rate	> 99%
Accidental Capture Rate	< 2%
Vehicle Orientation Recognition Accuracy	> 98.5%
Lane Coverage	Max. 4 lanes
Alarm Interface	1 input, 1 output (max. DC 12V, 30 mA)
Relay	2
Other Functions	Heartbeat, rotation mode, OCR & PIP mode
Additional Security	Supports strong password protection, watermark image overlay / stamp
Power Supply	DC 12V to 24V
Power Consumption	DC 12V to 24V: max. 10W
Enclosure	Weatherproof metal alloy housing
Ingress Protection	IP67
Impact Protection	IK10
Operating Temperature	-42 °C to 72 °C
Humidity	95% or less (non-condensing)
Dimension	428.5 mm x 120 mm x 132.8 mm
Weight	3Kg
Certifications	BIS, CE, FCC and 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 due to customized solutions & products being offered as per customer requirements.

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