

# FULL HIGH DEFINITION 4MP IP BULLET CAMERA

**VV-NC91274B-AZ3IR4T1**  
IR NIGHT VISION MOTORIZED ZOOM CAMERA



## FEATURES

- Full high definition 4MP ( 2688 x 1520) resolution
- H.265 video compression technology with real time encoding
- Inbuilt 120dB WDR, 3D DNR, HLC, ROI, defog & BLC functions
- Support Triple streams
- High performance IR cut mechanical filter for true day & night vision
- Built-in micro SD card slot; up to 256GB
- Inbuilt smart analytics features
- IP67 weather proof enclosure with NEMA 4X anti-corrosion protection



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|                             |                            |                                                                                                                                                                                                       |
|-----------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                      | Image sensor               | 1/3" progressive scan CMOS sensor                                                                                                                                                                     |
|                             | Signal System              | PAL/NTSC                                                                                                                                                                                              |
|                             | Effective Pixels           | 2688 (H) × 1520(V)                                                                                                                                                                                    |
|                             | Minimum Illumination       | Color : 0.005 lux@F1.6,AGC ON;0 lux with IR                                                                                                                                                           |
|                             | Electronic Shutter Speed   | 1 / 3 s ~ 1 / 100000 s                                                                                                                                                                                |
|                             | Gain Control               | Auto                                                                                                                                                                                                  |
|                             | Signal to Noise            | > 50 dB                                                                                                                                                                                               |
|                             | Iris                       | DC Iris                                                                                                                                                                                               |
| Lens                        | Lens Type                  | 7~22mm@F1.6 motorized lens                                                                                                                                                                            |
|                             | Lens Mount                 | Φ14                                                                                                                                                                                                   |
|                             | FoV                        | H.FoV: 43°~18°; V.Fov: 25°~11°; D.FoV: 50°~20°                                                                                                                                                        |
|                             | Focus                      | Motorized                                                                                                                                                                                             |
| 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 ~ 100 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 ~ 8 Mbps                                                                                                                                                                                      |
| Resolution and Frame Rate   | Max. Resolution            | 4MP (2688×1520), 2592×1520, 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720 ), D1, VGA(640×480), 640×360, CIF,480×240                                                               |
|                             | Main Stream                | 4MP/2592×1520/2K/3MP/1080P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)                                                                                                                                           |
|                             | Sub Stream                 | 1080P (60Hz:1~15fps; 50Hz:1~12fps)/ 720P/D1/VGA/640×360/480×240/CIF(60Hz: 1 ~ 30fps; 50Hz: 1~25fps)                                                                                                   |
|                             | Third Stream               | 720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)                                                                                                                                                 |
| Operational Features        | HLC                        | Supported                                                                                                                                                                                             |
|                             | Wide Dynamic Range (WDR)   | 120dB                                                                                                                                                                                                 |
|                             | BLC                        | 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                                             |
|                             | Smart Alarm                | Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, sensor alarm, audio alarm                                                                             |
|                             | ROI                        | Each ROI to be configured separately                                                                                                                                                                  |
|                             | General Function           | Watermark, video mask, heartbeat, image distortion correction, corridor pattern, disarming, 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/API |
| Network & Remote Monitoring | Protocols                  | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPS, NAT/GET, QoS                                                                               |
|                             | System Compatibility       | ONVIF, API & SDK                                                                                                                                                                                      |
|                             | 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                                                                                                                                                            |
|                             | Network Storage            | Built-in micro SD card slot; up to 256GB                                                                                                                                                              |

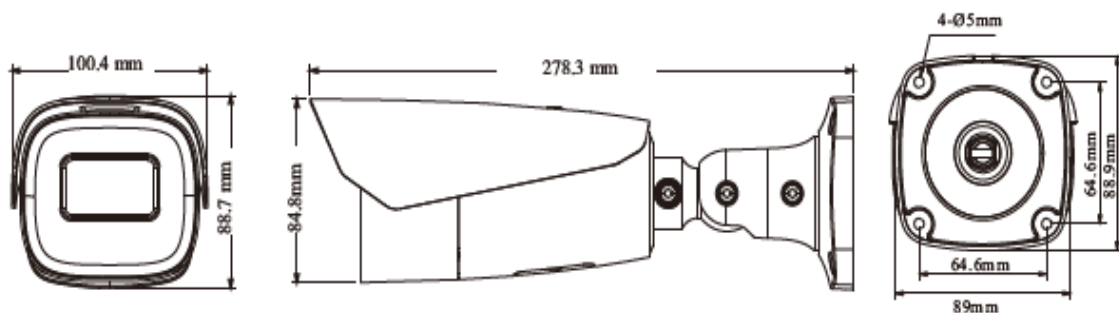
## TECHNICAL SPECIFICATIONS

# VV-NC91274B-AZ3IR4T1

|                   |                           |                                                                                                                                                                                |             |            |            |
|-------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|
| Analytics Feature | Smart Features            | Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification), target counting, abandoned object detection, missing object detection |             |            |            |
|                   | Target Counting           | Target counting by line/area, heat map                                                                                                                                         |             |            |            |
|                   | Exception Detection       | Scene change, video blur and video cast 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               |             |            |            |
| DORI Distance     | Lens                      | Detect                                                                                                                                                                         | Observe     | Recognize  | Identify   |
|                   | 7~22mm(W)                 | 137m(449ft)                                                                                                                                                                    | 55m(180ft)  | 27m(89ft)  | 14m(45ft)  |
|                   | 7~22mm(T)                 | 316m(1036ft)                                                                                                                                                                   | 126m(414ft) | 63m(207ft) | 32m(104ft) |
| Interface         | Ethernet                  | 1 RJ45 10/100 Ethernet port                                                                                                                                                    |             |            |            |
|                   | Video Output              | CVBS output (BNC × 1)                                                                                                                                                          |             |            |            |
|                   | Audio                     | 1CH audio input; 1CH audio output; 1 CH built-in MIC                                                                                                                           |             |            |            |
|                   | Alarm                     | 1CH alarm input; 1CH alarm output                                                                                                                                              |             |            |            |
|                   | Reset                     | Supported                                                                                                                                                                      |             |            |            |
| Electrical        | Power Requirement         | DC12V/ PoE (IEEE802.3af)                                                                                                                                                       |             |            |            |
|                   | Power Consumption         | DC12V: < 9.3W ; PoE: < 10.5W                                                                                                                                                   |             |            |            |
| Environmental     | Enclosure                 | IP67 Weather proof enclosure                                                                                                                                                   |             |            |            |
|                   | Anti-Corrosion Protection | NEMA 4X                                                                                                                                                                        |             |            |            |
|                   | 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                | 278.3 × 100.4 × 88.9mm                                                                                                                                                         |             |            |            |
|                   | Weight                    | Approx. 1.04KG                                                                                                                                                                 |             |            |            |
| 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



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