

# FULL HIGH DEFINITION H.265 4MP IP BULLET CAMERA

**VV-NC41004B-AF3IR2T1**  
IR NIGHT VISION FIXED CAMERA



## FEATURES

- Full High Definition 4MP ( 2560 x 1440) resolution
- H.265 video compression technology with real time encoding
- Inbuilt High intensity Smart IR LEDs with intensity control
- Inbuilt True WDR, 3D DNR, HLC, Defog & BLC functions
- Support triple streams
- Supports Smart Analytics Functions
- IP67 Weather proof outdoor enclosure



**VCA**



**Backlight  
Compensation**



**IP67**



**Smart IR**

## VV-NC41004B-AF3IR2T1

|                                |                            |                                                                                                                            |
|--------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Camera                         | Image sensor               | 1/2.7" Progressive Scan CMOS Sensor                                                                                        |
|                                | Signal System              | PAL/NTSC                                                                                                                   |
|                                | Effective Pixels           | 2592 (H) x 1944 (V)                                                                                                        |
|                                | Minimum Illumination       | 0.005@F1.6,AGC ON 0lux<br>With 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                  | 3.6mm Fixed Lens                                                                                                           |
|                                | Lens Mount                 | Φ14                                                                                                                        |
|                                | Focus                      | Fixed                                                                                                                      |
|                                | FOV                        | Horizontal field of view:93.4°                                                                                             |
| Day/Night<br>Functionality     | Day & Night                | True Day & Night with ICR                                                                                                  |
|                                | IR Cut                     | High performance Mechanical IR Cut Filter with auto switch                                                                 |
|                                | IR Source                  | Smart IR                                                                                                                   |
|                                | IR Range                   | Up to 50 Mtr.                                                                                                              |
|                                | IR Life                    | 40000 Operation Hours                                                                                                      |
| Compression                    | Video compression          | H.265/ H.264                                                                                                               |
|                                | 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<br>Frame Rate   | Max. Resolution            | 2592 x 1944                                                                                                                |
|                                | Main Stream                | 50Hz: 4MP/3MP/1080P/720P(1-25fps))<br>60Hz: 4MP/3MP/1080P/720P (1-30fps)                                                   |
|                                | Sub/ Third Stream          | 50Hz: 12fps (1280 x 720), 20fps (704x480,480x240,352x204)<br>60Hz: 15fps (1280 x 720), 20fps (704x480,480x240,352x204)     |
| Operational<br>Features        | Wide Dynamic Range (WDR)   | 120dB WDR                                                                                                                  |
|                                | BLC & HLC                  | Yes, zone configurable                                                                                                     |
|                                | DNR                        | Inbuilt 3D DNR (Digital Noise Reduction) circuit                                                                           |
|                                | ROI                        | Supported                                                                                                                  |
|                                | Codec streaming capability | Triple streaming                                                                                                           |
|                                | Image settings             | Saturation, Brightness, Chroma, Contrast,Sharpness, Defog, Mirror etc<br>adjustable through client software or web browser |
|                                | Security                   | Watermark, IP address filtering, video mask, heartbeat, password<br>protection                                             |
|                                | Alarm trigger              | Motion detection, SD card error, SD card full                                                                              |
| Network & Remote<br>Monitoring | Protocols                  | IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, RTSP,<br>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 x Mic Input (Optional)                                                                                                   |

TECHNICAL SPECIFICATIONS

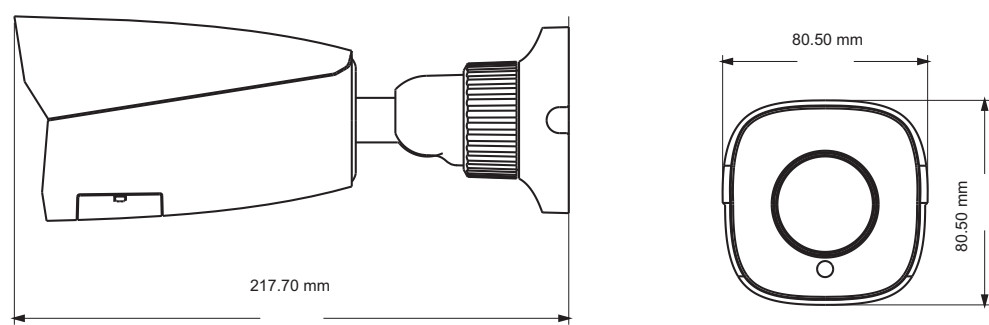
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|                |                       |                                                                               |
|----------------|-----------------------|-------------------------------------------------------------------------------|
| Features       | Smart Analytics       | Line crossing, Intrusion detection, Object removal ,Abnormal video detection, |
| Electrical     | Power Requirement     | 12 VDC ± 10% , PoE (802.3af)                                                  |
|                | Power Consumption     | Max. 9W                                                                       |
| 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. Weights and measurements are approximate and may vary.

DIMENSIONS

Unit: mm



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