

# FULL HIGH DEFINITION H.265 2MP IP BULLET CAMERA

# VP-NC41002B-AF3IR2T1 IR NIGHT VISION FIXED 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 DWDR, 3D DNR, HLC, Defog & BLC functions
- Supports triple streams
- One way audio Supported
- Inbuilt SD card Slot up to 128GB Supported
- IP67 Weather proof outdoor enclosure



## TECHNICAL SPECIFICATIONS

# VP-NC41002B-AF3IR2T1

|                             |                            |  |
|-----------------------------|----------------------------|--|
| Camera                      | Image sensor               | 1/2.9" Progressive Scan Starlight Sensor   |
|                             | Signal System              | PAL/NTSC   |
|                             | Effective Pixels           | 1920 (H) x 1080 (V)  |
|                             | Minimum Illumination       | Color : 0.0035 lux @ F1.2,AGC ON,<br>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                       | Fixed Iris   |
| Lens                        | Lens Type                  | 3.6mm Fixed Lens   |
|                             | FOV                        | Horizontal field of view: 84.8°  |
|                             | Focus                      | Fixed  |
| 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.264/MJPEG   |
|                             | H.265 codec profile        | Main profile   |
|                             | Video Bit Rate             | 128 Kbps ~ 6 Mbps  |
|                             | Audio compression          | G.711A/ G.711U   |
|                             | Audio Bit Rate             | 64 Kbps  |
| Resolution and Frame Rate   | Max. Resolution            | 1920 x 1080  |
|                             | Main Stream                | 50Hz: 25fps (1920 x 1080), 25fps (1280 x 720),25fps (704 x 480)<br>60Hz: 30fps (1920 x 1080), 30fps (1280 x 720),30fps (704 x 480) |
|                             | Sub/ Third Stream          | 60Hz: 25fps (1280 x 720), 25fps (704 x 480),25fps (352 x 240)<br>60Hz: 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240)     |
| Operational Features        | Wide Dynamic Range (WDR)   | DWDR   |
|                             | BLC & HLC                  | Supported  |
|                             | DNR                        | Inbuilt 3D DNR (Digital Noise Reduction) circuit   |
|                             | ROI                        | Supported  |
|                             | Codec streaming capability | Triple streaming   |
|                             | Image settings             | Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen,NR Defog etc. adjustable through client software or web browser     |
|                             | Privacy Masking            | Supported  |
|                             | Security                   | User Authentication, Watermark,Heartbeat,IP address filtering, IP address filtering, video mask, image distortion correction       |
|                             | Onboard Storage            | Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  |
|                             | Alarm trigger              | Motion detection, Tampering alarm, Smart Analytics, SD card error, SD card full,IP address conflict,Network disconnection          |
| 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  |
|                             | 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   |
| Interface                   | Ethernet                   | 1 RJ45 10/100 Ethernet port  |
|                             | Power Input                | Standard DC Jack   |
|                             | Audio Input                | 1 x Audio Input  |

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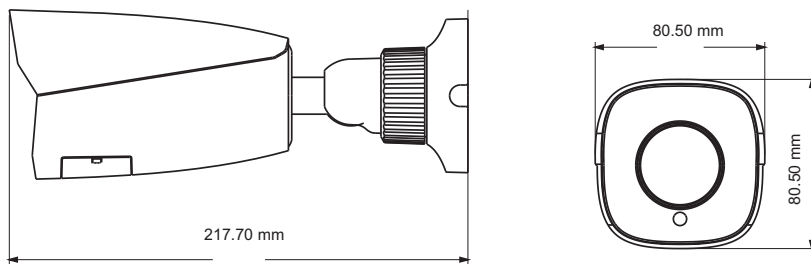
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|                |                       |  |
|----------------|-----------------------|--|
| Features       | Smart Analytics       | Line crossing ,Intrusion detection, Video blur detection |
| Electrical     | Power Requirement     | 12 VDC $\pm$ 10% , PoE (802.3af)                         |
|                | Power Consumption     | Max. 7W  |
| Environmental  | Enclosure             | IP67 Weatherproof 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        | UL, 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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