

# FULL HIGH DEFINITION 2MP IP DOME CAMERA

**VV-NC91152D-AZIR2T1**  
IR NIGHT VISION STARLIGHT MOTORIZED CAMERA



## FEATURES

Full HD 2MP ( 1920 x 1080 ) resolution

1/2.8" progressive scan CMOS sensor

Inbuilt smart IR LEDs with intensity control

High performance IR cut mechanical filter for true day & night vision

Inbuilt 120dB WDR, 3D DNR, HLC, BLC, Defog & ROI functions

Support triple streams

Support intelligent analytics

IP67 weather proof outdoor enclosure



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|                             |                            |                                                                                                                                                                                                   |
|-----------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                      | Image Sensor               | 1/2.8" progressive scan CMOS sensor                                                                                                                                                               |
|                             | Signal System              | PAL/NTSC                                                                                                                                                                                          |
|                             | Effective Pixels           | 1920 (H) × 1080 (V)                                                                                                                                                                               |
|                             | Minimum Illumination       | Color : 0.003lux@F1.3,AGC ON; 0 lux with IR                                                                                                                                                       |
|                             | Electronic Shutter Speed   | 1/3s ~ 1 / 100000s                                                                                                                                                                                |
|                             | Gain Control               | Auto                                                                                                                                                                                              |
|                             | White Balance              | Auto                                                                                                                                                                                              |
|                             | Signal to Noise            | > 50 dB                                                                                                                                                                                           |
|                             | Iris                       | DC                                                                                                                                                                                                |
| Lens                        | Lens Type                  | 2.8~12mm@F1.3, motorized lens                                                                                                                                                                     |
|                             | Lens Mount                 | Ø14                                                                                                                                                                                               |
|                             | FoV                        | Horizontal: 105°~30° ; Vertical: 55°~16°; Diagonal:123°~35°                                                                                                                                       |
|                             | 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                   | 30~50 Mtr.                                                                                                                                                                                        |
| Compression                 | Video Compression          | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                           |
|                             | H.264 Codec Profile        | Baseline profile/main profile/high profile                                                                                                                                                        |
|                             | Video Bit Rate             | 64 Kbps ~ 6 Mbps                                                                                                                                                                                  |
|                             | Audio Compression          | G711A / U                                                                                                                                                                                         |
| Resolution and Frame Rate   | Max. Resolution            | 1080P(1920×1080),720P(1280×720),D1,VGA(640×480),640×360, 480×240,CIF                                                                                                                              |
|                             | Main Stream                | 1080P/720P(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps )                                                                                                                                                      |
|                             | Sub Stream                 | 720P/D1/VGA/640×360/480×240/CIF(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps )                                                                                                                                 |
|                             | Third Stream               | D1/CIF/480×240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps )                                                                                                                                                  |
| Operational Features        | HLC                        | Supported                                                                                                                                                                                         |
|                             | Wide Dynamic Range(WDR)    | 120dB                                                                                                                                                                                             |
|                             | Defog                      | Supported                                                                                                                                                                                         |
|                             | BLC                        | 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, image distortion correction, corridor pattern, ANR, cloud upgrade                                                                                               |
|                             | ROI                        | Each ROI to be configured separately                                                                                                                                                              |
|                             | Smart Alarm                | Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm                                                                         |
|                             | 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 |
| Network & Remote Monitoring | Protocols                  | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 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                                                                                                                                                        |
|                             | Online Connection          | Support simultaneous monitoring for up to 8 users; Support multi-stream real time transmission                                                                                                    |
|                             | Web Browser                | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                                                |
|                             | Storage                    | Built-in micro SD card slot; up to 256GB                                                                                                                                                          |

## TECHNICAL SPECIFICATIONS

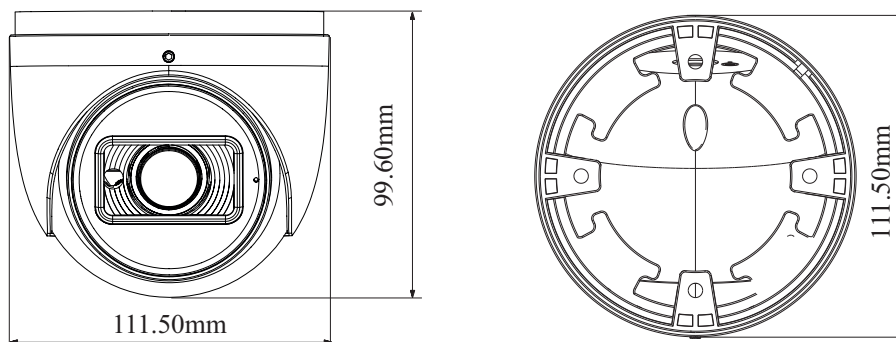
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|                 |                       |                                                                                                                                                                  |
|-----------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smart Analytics | Smart Features        | Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection                            |
|                 | Target Counting       | Target counting by line/area, heat map                                                                                                                           |
|                 | Exception Detection   | Scene change, video blur and abnormal color 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 |
| Interface       | Ethernet              | 1 RJ45 10/100 Ethernet port                                                                                                                                      |
|                 | Power Input           | Standard DC Jack                                                                                                                                                 |
|                 | Alarm                 | 1CH audio input; 1CH audio output; 1CH built-in MIC                                                                                                              |
|                 | Audio                 | 1CH alarm input; 1CH alarm output                                                                                                                                |
|                 | Reset                 | Yes, supported                                                                                                                                                   |
| Electrical      | Power Requirement     | DC12V, PoE (IEEE802.3af)                                                                                                                                         |
|                 | Power Consumption     | Max. 9W                                                                                                                                                          |
| Environmental   | Enclosure             | IP67 weather proof enclosure                                                                                                                                     |
|                 | 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            | Φ 111.5 × 99.6                                                                                                                                                   |
|                 | Weight                | Approx. 0.66KG                                                                                                                                                   |
| 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



## VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton

West Midlands, WV6 0JZ United Kingdom

Ph:+44-1902793383, Email: sales@vantagesecurity.com

[www.vantagesecurity.com](http://www.vantagesecurity.com)

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