

FULL HIGH DEFINITION 5MP IP MINI DOME CAMERA

VV-NC9415D-AF3IRT1 IR NIGHT VISION FIXED CAMERA



FEATURES

Full HD 5MP (2592x1944) resolution

1/2.7" 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, Defog,BLC, ROI functions

Support triple streams

Support mobile surveillance by smart phones with iOS
or Android OS

IP67 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

VV-NC9415D-AF3IRT1

| | | |
|-----------------------------|----------------------------|---|
| Camera | Image Sensor | 1/2.7" Progressive Scan CMOS Sensor |
| | Signal System | PAL/NTSC |
| | Effective Pixels | 2592 (H) × 1944 (V) |
| | Minimum Illumination | Color : 0.02 lux@F1.6,AGC ON; 0 lux with IR |
| | Electronic Shutter Speed | 1 /3s ~ 1 / 100000 s |
| | Gain Control | Auto |
| | Signal to Noise | > 50 dB |
| | Iris | Fixed Iris |
| Lens | Lens Type | 3.6mm@F1.6,(2.8mm optional) |
| | Lens Mount | M12 |
| | Focus | Fixed |
| | Field of View | Horizontal FoV: 80°; vertical FoV: 58°; diagonal FoV:108° |
| Day/Night Functionality | Day & Night | True Day & Night with ICR |
| | IR Cut | High performance Mechanical IR Cut Filter with auto switch |
| | IR Source | Inbuilt Smart IR with intensity control |
| | IR Range | 10 ~ 20 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 | 64Kbps ~ 8Mbps |
| | Audio Compression | G711A / U |
| Resolution and Frame Rate | Max. Resolution | 5MP(2592×1944),4MP(2592×1520),2K(2560×1440),3MP(2304×1296), 1080P(1920×1080),720P(1280×720),D1,VGA (640×480),CIF,480×240 |
| | Main Stream | 50Hz: 5MP/4MP/2K/3MP/1080P/720P(1~25fps); 60Hz: 5MP/4MP/2K/3MP/1080P/720P(1~30fps) |
| | Sub Stream | 50Hz: 720P/D1/VGA/CIF/480×240 (1~25fps); 60Hz: 720P/D1/VGA/CIF/480×240(1~30fps) |
| | Third Stream | 50Hz: D1/CIF/480×240(1~25fps) 60Hz: D1/CIF/480×240(1~30fps) |
| Operational Features | Wide Dynamic Range | 120dB |
| | Defog | Supported |
| | BLC | Supported |
| | ROI | Each ROI to be configured separately |
| | HLC | 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 |
| | Alarm Trigger | Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm |
| | General Function | Watermark, video mask, heartbeat, image distortion correction, corridor pattern, 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 |
| Network & Remote Monitoring | Protocols | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, 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 |
| | Web Browser | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+ |
| | Online Connection | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission |
| | Network Storage | Built-in micro SD card slot; up to 256GB |

TECHNICAL SPECIFICATIONS

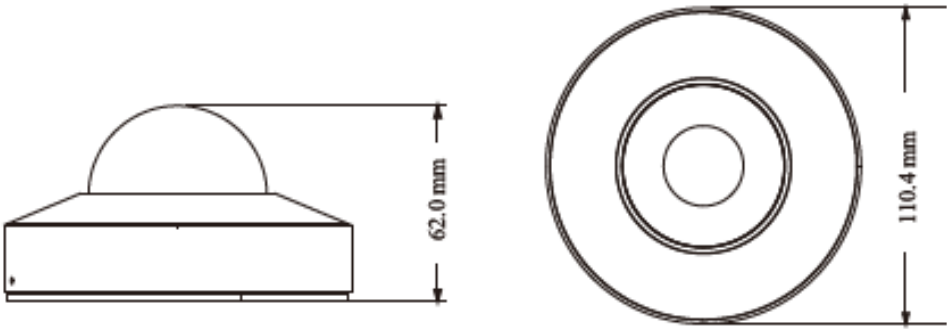
VV-NC9415D-AF3IRT1

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|----------------|-----------------------|--|
| Interface | Ethernet | 1 RJ45 10/100 Ethernet port |
| | Power Input | Standard DC Jack |
| | Audio | 1CH audio input; 1CH audio output; 2CH built-in MICs |
| | Alarm | 1CH alarm input; 1CH alarm output |
| | Reset | Supported |
| Smart Features | Smart Analytics | 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 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, 5 motor vehicle features and 1 non-motor vehicle feature |
| Electrical | Power Requirement | DC12V/PoE (IEEE802.3af) |
| | Power Consumption | <5.5W |
| Environmental | Enclosure | IP67 weather proof outdoor enclosure |
| | Impact Protection | IK10 |
| | Operating Temperature | -30°C to + 60°C |
| | Storage Temperature | -30°C to + 65°C |
| | Operating Humidity | 95% or less (non-condensing) |
| Mechanical | Color | White |
| | Dimensions | Φ 110 × 62 |
| | Weight | Approx. 0.424KG |
| 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



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