

# 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



1/2.7"  
Progressive  
Scan CMOS Sensor



Backlight  
Compensation



Smart IR



POE



IP67  
Weather Proof

## TECHNICAL SPECIFICATIONS

### VV-NC9415D-AF3IRT1

Camera	Image Sensor	1/2.7" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2592 (H) x 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(2592x1944 ),4MP(2592x1520),2K(2560x1440),3MP(2304x1296 ),1080P(1920x1080),720P(1280x720 ),D1,VGA (640x480),CIF,480x240
	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/480x240 (1~25fps); 60Hz: 720P/D1/VGA/CIF/480x240(1~30fps)
	Third Stream	50Hz: D1/CIF/480x240(1~25fps) 60Hz: D1/CIF/480x240(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
Network & Remote Monitoring	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
	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	Network Storage	Built-in micro SD card slot; up to 256GB

## TECHNICAL SPECIFICATIONS

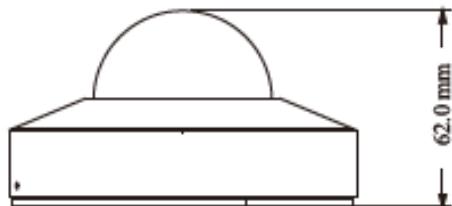
### VV-NC9415D-AF3IRT1

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 x 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



## 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

(AN ISO 9001 : 2008, ISO14001 : 2004 CERTIFIED COMPANY)

