

ULTRA HIGH DEFINITION 5MP IP DOME CAMERA

VV-NC91175D-AF3IR1T1 IR NIGHT VISION FIXED CAMERA



FEATURES

Ultra 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, BLC, ROI functions

Support triple streams

Support mobile surveillance by smart phones with iOS
or Android OS

IP67 weather proof enclosure



TECHNICAL SPECIFICATIONS

VV-NC91175D-AF3IR1T1

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,(2.8 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	20 ~ 30 mtr.
Compression	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	H.264 Codec Profile	Baseline Profile/Main Profile/High Profile
	Audio Compression	G711A / U
	Video Bit Rate	64Kbps ~ 8Mbps
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	5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Sub Stream	720P/D1/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
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, Chroma, Contrast, Wide Dynamic, Sharpen, 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, 802.1x, UPnP, HTTPS, HTTP POST, 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
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Interface	1CH audio input; 1CH audio output; 1 CH built-in MIC
	Alarm	1CH alarm input; 1CH alarm output
	Reset	Yes, Supported

TECHNICAL SPECIFICATIONS

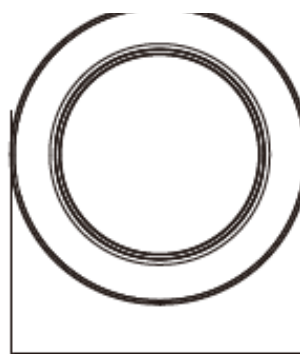
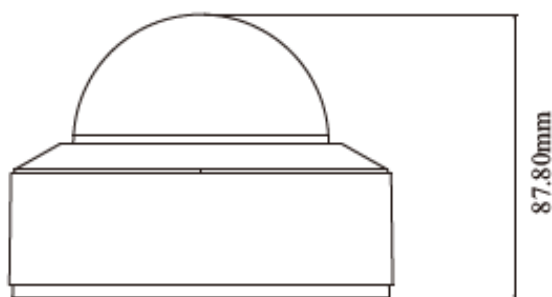
VV-NC91175D-AF3IR1T1

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			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	55.16m(180.97ft)	22.06m(72.37ft)	11.03m(36.18ft)	5.52m(18.11ft)
	3.6mm	70.14m(230.11ft)	28.06m(92.06ft)	14.03m(46.03ft)	7.01m(22.99ft)
Electrical	Power Requirement	DC12V/PoE (IEEE802.3af)			
	Power Consumption	<6W			
Environmental	Enclosure	IP67 weather proof 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	Installation	Ceiling mounting; Wall mounting			
	Dimensions	Φ 119 × 87.8			
	Weight	Approx. 0.65KG			
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



119.00mm

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)

