

FULL HIGH DEFINITION 4MP IP DOME CAMERA

VV-NC91774D-AF3WLIR2T1
IR NIGHT VISION FIXED AI CAMERA



FEATURES

Full High Definition 4MP(2592 x 1520) resolution

1/3" Progressive Scan CMOS Sensor

Built-in white light and IR LED; 30~ 40m white light view

High performance IR Cut mechanical filter for True Day & Night vision

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

Support triple streams

Inbuilt Smart Analytics Supported

IP66 Weather proof outdoor enclosure



TECHNICAL SPECIFICATIONS

VV-NC91774D-AF3WLIR2T1

Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2592 (H) × 1520 (V)
	Minimum Illumination	Color : 0.03lux@F1.4,AGC ON; 0 lux with LED
	Electronic Shutter Speed	1 / 3s ~ 1 / 100000s
	Gain Control	Auto
	Signal to Noise	> 50 dB
	Iris	Fixed Iris
Lens	Lens Type	2.8mm lens (3.6mm optional)
	Lens Mount	M12
	Focus	Fixed
	FOV	H.FoV:96°; V.FoV:54.5°; D.FoV:113°;
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 LEDs with intensity control
	IR & White light Range	30 ~ 40 m
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	2592×1520
	Main Stream	4MP/2K/3MP/1080P / 720P(60Hz:1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz :1 ~ 60fps; 50Hz:1~50fps)
	Sub Stream	720P/D1/CIF/480×240 (60Hz:1 ~ 30fps;50Hz: 1~25fps)
	Third Stream	D1/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Operational Features	Wide Dynamic Range (WDR)	120dB
	Defog	Supported
	BLC	Supported
	ROI	Each ROI to be configured separately
	HLC	Supported
	DNR	Inbuilt 2D/3D DNR (Digital Noise Reduction) circuit
	Codec Streaming Capability	Triple streaming
	Image Settings	ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
	Alarm Trigger	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection
	Onboard Storage	Built-in Micro SD/SDHC/SDXC slot, up to 256 GB
	Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs
	General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Network & Remote Monitoring	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, 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
	Web Browser	IE11/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported

TECHNICAL SPECIFICATIONS

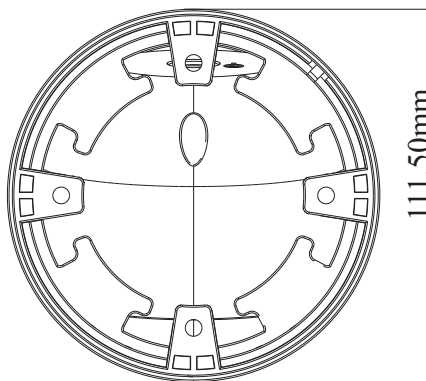
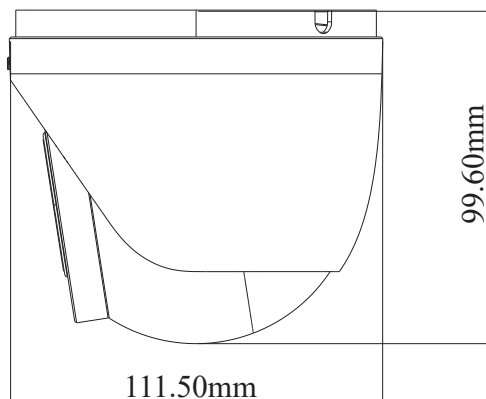
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Analytics Feature	Smart Features	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification), Face detection and face capture, abandoned/missing object detection, heat map; target counting Scene change detection, video blur detection, abnormal color detection
	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
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Input/Output	1CH/ 1CH, built-in speaker,1CH built-in microphone
	Alarm Input/Output	1CH alarm input; 1CH alarm output
Electrical	Power Requirement	12 VDC/ PoE (IEEE802.3af)
	Power Consumption	Max. <12 W
Environmental	Enclosure	IP66 Weather proof 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	Ø111.5 × 99.6mm
	Weight	Approx. 0.64KG
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 due to customized solutions & products being offered as per customer requirements.

DIMENSIONS

Unit: mm



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