

# ULTRA HIGH DEFINITION H.265 8MP IP DOME CAMERA

# VV-NC9428D-AZ1IR1T1 IR NIGHT VISION MOTORIZED CAMERA



## FEATURES

Ultra HD 8MP (3840 x 2160) resolution with H.265 full real time coding

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

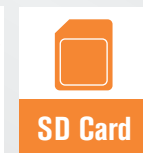
Vandal Proof IK10 Enclosure

Inbuilt Smart Analytics Features

Support Triple Streams

Support P2P

IP66 weather proof indoor enclosure



## TECHNICAL SPECIFICATIONS

# VV-NC9428D-AZ1IR1T1

Camera	Image sensor	1/2.5" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840(H) × 2160 (V)
	Minimum Illumination	Color : 0.01Lux @ F1.2, AGC ON; 0 lux with IR
	Electronic Shutter Speed	1 / 25 s ~ 1 / 100000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 52 dB
	Iris	Fixed
Lens	Lens Type	3.3mm to 12mm Motorized Lens
	Lens Mount	Φ14
	Focus	Auto / Optical Focus
	Zoom	Optical Zoom Adjustment
	Digital Zoom	Supported
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	Up to 30 Mtr.
Compression	Video compression	H.265 / H.264 / MJPEG
	H.265 codec profile	Main profile
	Video Bit Rate	128 Kbps ~ 16 Mbps
Resolution and Frame Rate	Max. Resolution	3840 × 2160
	Main Stream	50Hz: 25fps (3840 × 2160, 2560 x1440,1920 × 1080,1280 × 720) 60Hz: 30fps (3840 × 2160, 2560 x1440,1920 × 1080,1280 × 720)
	Sub/ Third Stream	50Hz: 25fps (1280 × 720,704 × 480,480 × 240, 352 × 204) 60Hz: 30fps (1280 × 720,704 × 480,480 × 240, 352 × 204)
Operational Features	Wide Dynamic Range (WDR)	DWDR
	Backlight compensation	Yes, zone configurable
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	ROI	Supported
	HLC	Supported
	Codec streaming capability	Triple streaming
	Image settings	Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
	Security	User Authentication
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
	Alarm trigger	Motion detection, Smart alarm
Network & Remote Monitoring	Protocols	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS,SMTP, FTP IPv4/IPv6,DNS, HTTP, HTTPS, ICMP, IGMP, RTP
	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	CBR/ VBR Supported
	Network Storage	NVR/ CMS
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Video Output	1 Channel BNC composite video output
	Audio Input / Output	1/1
	Alarm Input/Output	1/1
	RS485	Supported

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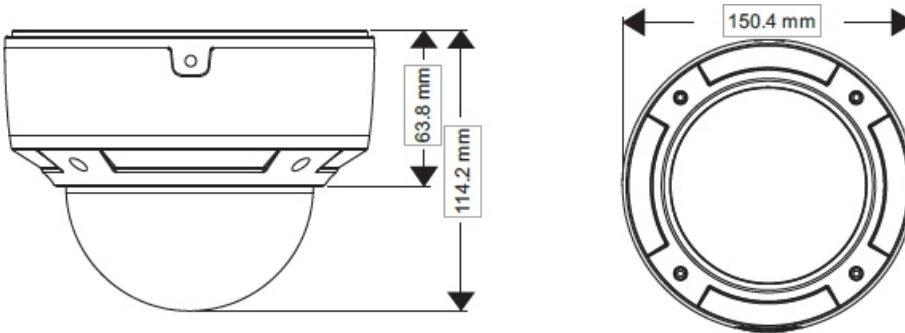
# WV-NC9428D-AZ1IR1T1

Features	Smart Analytics	Line crossing detection, Intrusion detection, Object removal detection, Face detection, Crowd density detection, people counting detection
Electrical	Power Requirement	12 VDC $\pm$ 10% , PoE (802.3af)
	Power Consumption	Max. 9.5W
Environmental	Enclosure	IP66 weather proof indoor enclosure
	Operating Temperature	-20°C to + 60°C
	Operating Humidity	90% or less (non-condensing)
	Impact Protection	Vandal proof IK10 enclosure
Mechanical	Color	White
	Dimensions	$\Phi$ 150 x 114 mm
	Weight	1027g
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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