ADVANCED ENGINEERING
UK TECHNOLOGY

vantage
keeping you safe

FULL HIGH DEFINITION
2MP IP DOME CAMERA

VV-NC41322D-AF3IRT1
IR NIGHT VISION EYEBALL DOME CAMERA

vant

FEATURES

Full High Definition 2MP (1920 × 1080) resolution

1/3" Progressive Scan CMOS Sensor

H.265+ video compression technology with real time encoding

High performance IR Cut mechanical filter for True & Night Vision

Inbuilt DWDR , 3D DNR, ROI, Defog HLC & BLC functions

Support mobile surveillance by smart phones with iOS and Android OS

IP67 Water proof outdoor enclosure

1/3" Progressive Scan CMOS Sensor	**Backlight Compensation**	**Mechanical ICR**	**DWDR**	**IP67 Water Proof**

Onvif CE FC RoHS

VV-NC41322D-AF3IRT1

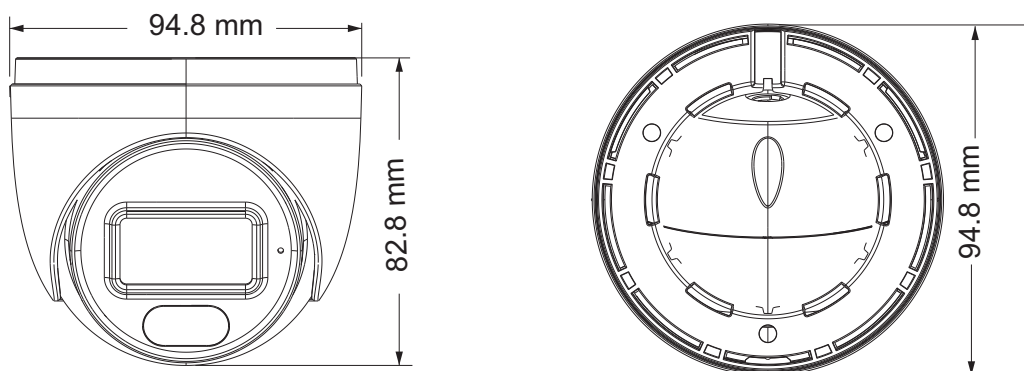|		
Camera	Image sensor	1/3" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	1920 (H) × 1080 (V)
	Minimum Illumination	Color: 0.012 Lux @ (F1.2, AGC ON), 0 lux with IR
	Electronic Shutter Speed	1 / 25 s ~ 1 / 100000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	>52 dB
Lens	Lens Type	3.6mm (Horizontal field of view: 75.8°)
	Lens Mount	M12
	Focus	Fixed
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 Range	Up to 20 Mtr
Compression	Video compression	H.265, H.264, MJPEG
	H.265 codec profile	Main profile
	Audio Compression	G711A/U
	Video Bit Rate	64 Kbps ~ 6 Mbps
Resolution and Frame Rate	Max. Resolution	1920 x 1080
	Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720)
	Sub Stream	50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280×720, 640 × 360, 352 × 240)
Operational Features	Wide Dynamic Range (WDR)	DWDR
	Backlight compensation	Yes, zone configurable
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec streaming capability	Triple streaming
	ROI	Each ROI to be configured separately
	HLC	Supported
	Defog	Supported
	Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
	Security	Watermark,IP address filtering,video mask,heartbeat,illegal login Lock
	Alarm Trigger	Motion detection
Network & Remote Monitoring	Protocols	UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP,SMTP, SNMP, IGMP, 802.1X, QoS, IPv4/IPv6
	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
	Network storage	Network remote storage

TECHNICAL SPECIFICATIONS

VV-NC41322D-AF3IRT1

Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio	1ch built-in MIC
Analytics Feature	Smart Features	Region intrusion detection, video blur detection & line crossing detection
Electrical	Power Requirement (± 10%)	DC12V (PoE power supply optional)
	Power Consumption	< 5 W
Environmental	Enclosure	IP 67 Weather proof enclosure
	Operating Temperature	-20°C to + 55°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	Φ 94.8 × 82.8mm
	Weight	Approx. 0.287KG
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