vantage
keeping you safe

ULTRA HIGH DEFINITION
8MP IP DOME CAMERA

VV-NC41158D-AZWLIR2T1
FULL COLOR DUAL ILLUMINATION MOTORIZED CAMERA

vantage

COLOR ON CAMERAS

FEATURES

Ultra high definition 8MP (3840 x 2160) resolution

1/2.8" progressive scan CMOS sensor

Dual night vision modes with smart IR LED and white LED supplementary light

High performance IR cut mechanical filter for true day & night vision

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

Support triple streams

Inbuilt smart analytics supported

IP67 weather proof outdoor enclosure

1/2.8" Progressive Scan CMOS Sensor

Backlight Compensation

VCA

POE

IP67 Weather Proof

ONVIF CE FC RoHS

VV-NC41158D-AZWLIR2T1

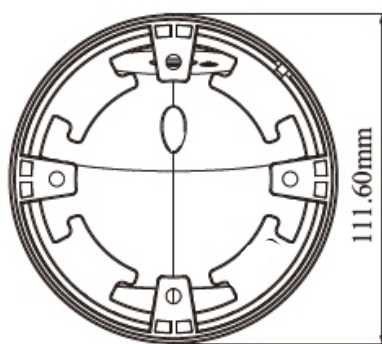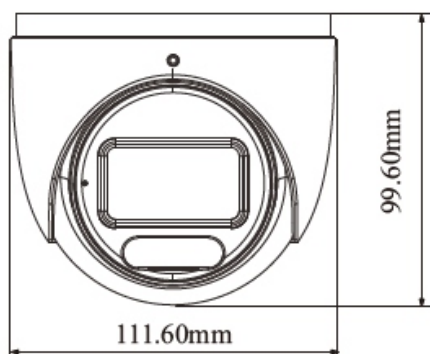|		
Camera	Image Sensor	1/2.8" progressive scan CMOS sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840 (H) × 2160 (V)
	Minimum Illumination	Color : 0.02 lux @F1.6, AGC ON; 0 lux with illumination on
	Electronic Shutter Speed	1 / 3s ~ 1 / 100000s
	Gain Control	Auto
	Signal to Noise	> 50 dB
	Iris	DC
	Lens Type	2.8~12mm motorized zoom lens
	Lens Mount	Φ14
	Focus	Motorized
	Field of View	Horizontal: 97.3°~34°; Vertical: 52.3°~17.7°; Diagonal: 116°~37°
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	IR range: 30 ~ 50 m, white light range: 30 ~ 40 m
Compression	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	H.265 Codec Profile	Main Profile@Leve4.1 High Tier
	Audio Compression	G711A / U
	Video Bit Rate	64Kbps ~ 12Mbps
Resolution and Frame Rate	Max. Resolution	8MP(3840×2160),6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
	Main Stream	50Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~25fps) 60Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~30fps)
	Sub Stream	720P/D1/VGA/640×360/CIF/480× 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
	Third Stream	720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Operational Features	Wide Dynamic Range (WDR)	120dB
	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, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser
	Alarm Trigger	Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)
	Onboard Storage	Built-in Micro SD/SDHC/SDXC slot, up to 256 GB
	Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP /RTSP
	General Function	Watermark, IP address filtering, video mask, heartbeat, smart supplement light, corridor pattern, image distortion correction, ANR, cloud upgrade
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(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/ Safari 14.0+
	Bandwidth Control	VBR (Automatic) and CBR (Manual) supported
	Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission

VV-NC41158D-AZWLIR2T1

Analytics Feature	Smart Features	Line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection
Interface	Ethernet	1 RJ45 10/100 self-adaptive ethernet port
	Power Input	Standard DC Jack
	Video Output	CVBS output (BNC × 1)
	Audio	1CH audio input; 1CH built-in speaker,1CH built-in microphone
	Alarm	1CH alarm input; 1CH alarm output
Electrical	Power Requirement	12 VDC/ PoE (IEEE802.3af)
	Power Consumption	Max. <12.5 W
Environmental	Enclosure	IP66 Weather proof outdoor enclosure
	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	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

99.60mm

111.60mm

111.60mm