vantage
keeping you safe

ULTRA HIGH DEFINITION
12MP IP BULLET CAMERA

VV-NC912712B-AZIR3T1
IR NIGHT VISION MOTORIZED ZOOM CAMERA

FEATURES

Ultra High Definition 12MP (4000 x 3000) resolution

H.265+ video compression technology with real time encoding

Inbuilt 75dB WDR, 3D DNR, HLC, ROI, defog & BLC functions

Support five streams

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

Inbuilt micro SD card slot, up to 512GB

Inbuilt Smart Analytics Features

IP67 Weather proof outdoor enclosure

H.265+ COMPRESSION

Ultra HD

Backlight Compensation

Mechanical ICR

75dB WDR

Onvif CE FC RoHS

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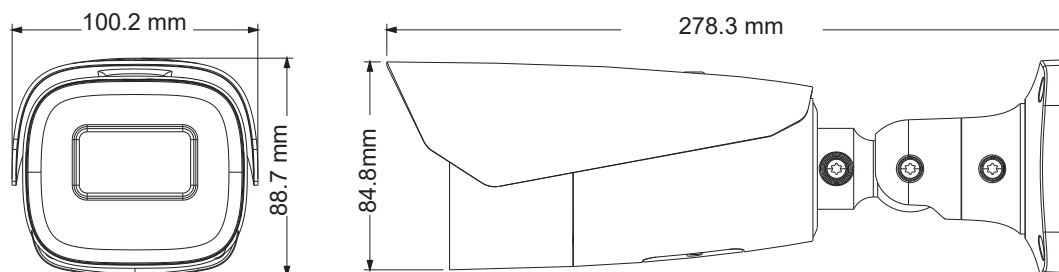|		
Camera	Image sensor	1/1.7" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	4000 (H) × 3000(V)
	Minimum Illumination	Color: 0.006 lux@F1.4,AGC ON; B&W: 0 lux with IR
	Electronic Shutter Speed	1 / 3 s ~ 1 / 100000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 50 dB
	Iris	DC Iris
Lens	Lens Type	2.8~12mm Motorized Lens
	Lens Mount	Φ14
	FoV	Horizontal:96°~46°; Vertical :70°~35°; Diagonal:128°~58°
	Focus	Motorized
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	50 ~ 70 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	64 Kbps ~ 10 Mbps
Resolution and Frame Rate	Max. Resolution	12MP (4000×3000), 8MP (3840 ×2160), 6MP (3200×1800), 4MP (2688×1520), 1080P(1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240
	Main Stream	12MP/8MP/6MP/4MP/1080P/720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Sub Stream	1080P/720P/D1 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Third Stream	720P/D1/VGA/640×360/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Fourth Stream	D1/VGA/640×360/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
	Fifth Stream	D1/VGA/640×360/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Operational Features	HLC	Supported
	Wide Dynamic Range (WDR)	75dB
	Backlight Compensation	Supported
	Defog	Supported
	Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec Streaming Capability	Five streaming
	Image settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Mirror, Image Flip, NR, etc. adjustable through client software or web browser
	General function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
	Onboard Storage	Built-in micro SD card slot; up to 512GB
	ROI	Each ROI to be configured separately
	Alarm Trigger	Motion detection, SD card error, SD card full, IP address conflict, Network disconnected, sensor alarm
	Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP

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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
	Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
	Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
	Network Storage	NVR/CMS
Analytics Feature	Smart Features	Line crossing, region intrusion/entrance/exiting(human/vehicle classification), abandoned/ missing object detection
	Target Counting	Target counting by line/area, heat map
	Exception Detection	Scene change, video blur and abnormal color detection
	Face Detection	Face detection and face capture
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Video Output	CVBS output (BNC × 1)
	Audio	1CH audio input; 1CH audio output; 1 CH built-in MIC
	Alarm	1CH alarm input; 1CH alarm output
	Reset	Supported
Electrical	Power Requirement	DC12V/ PoE (IEEE802.3af)
	Power Consumption	Max. 12W
Environmental	Enclosure	IP67 Weather proof outdoor enclosure
	Mounting bracket	Integrated mounting bracket with cable management
	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	278.3 × 100.2 × 88.7mm
	Weight	Approx. 1.04KG
	Installation	Ceiling mounting; Wall mounting
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

100.2 mm
88.7 mm
278.3 mm
84.8mm

VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

(AN ISO 9001 : 2008, ISO14001 : 2004 CERTIFIED COMPANY)

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