ADVANCED ENGINEERING
UK TECHNOLOGY

vantage
keeping you safe

FULL HIGH DEFINITION
4MP IP BULLET CAMERA

VV-NC41184B-AF3IR1T1
IR NIGHT VISION FIXED CAMERA

FEATURES

Full HD 4MP (2560×1440) resolution

1/3" Progressive Scan CMOS Sensor

Inbuilt smart IR LEDs with intensity control

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

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

Support triple streams

Support intelligent analytics

IP67 Weather proof outdoor enclosure

1/2.7" Progressive Scan CMOS Sensor

Backlight Compensation

Smart IR

POE

IP67 Weather Proof

Onvif   CE   FC   RoHS

TECHNICAL SPECIFICATIONS

VV-NC41184B-AF3IR1T1

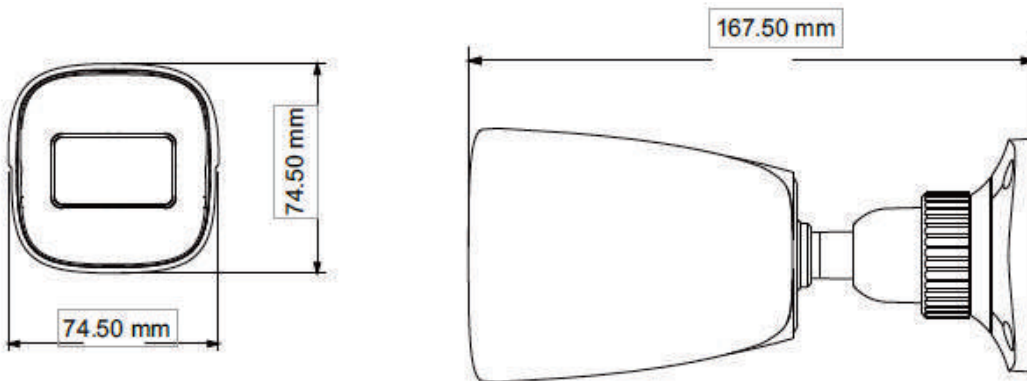|		
Camera	Image Sensor	1/3" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2560 (H) × 1440 (V)
	Minimum Illumination	Color : 0.005 lux @F1.6, AGC ON; 0 lux with IR
	Electronic Shutter Speed	1 / 1s ~ 1 / 100000s
	Gain Control	Auto
	Signal to Noise	> 50 dB
	Iris	Fixed
Lens	Lens Type	3.6mm Fixed Lens (2.8 optional)
	Lens Mount	M12
	FOV	Horizontal FoV: 78.8°; vertical FoV: 40°; diagonal FoV:97° (3.6mm)
	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	30 Mtr.
Compression	Video compression	H.265+ / H.265 / H.264+ / H.264 /MJPEG
	H.265 codec profile	Main profile
	Video Bit Rate	64 Kbps ~ 8 Mbps
Resolution and Frame Rate	Max. Resolution	2560 × 1440
	Main Stream	50Hz: 4MP/3MP/1080P/720P(1~25fps) 60Hz: 4MP/3MP/1080P/720P(1~30fps)
	Sub Stream	60Hz: 720P/D1/ CIF (1~30fps);50Hz: 720P/D1/ CIF (1~25fps)
	Third Stream	60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)
Operational Features	Wide Dynamic Range (WDR)	120dB
	Defog	Supported
	BLC	Supported
	ROI	Each ROI to be configured separately
	HLC	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec streaming capability	Triple streaming
	Image settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, Antiflicker, etc. adjustable through client software or web browser
	Alarm Trigger	Motion detection, SD card error, SD card full
	General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
Network & Remote Monitoring	Protocols	IPv4, IPv6, UDP, DHCP, NTP, RTSP, RTP, PPPoE, DDNS, SMTP, FTP, SNMP, UPnP, RTMP, RTCP,HTTP, HTTPs, 802.1x, 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
	Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
	Storage	Built-in micro SD card slot, up to 256GB

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Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio Input/Output	1CH audio input
Smart Features	Smart Analytics	Video Exception (scene change, video blur and video cast detection), line crossing detection, region intrusion detection, abandoned/missing object detection
Electrical	Power Requirement	DC12V/PoE
	Power Consumption	Max. <6W
Environmental	Enclosure	IP 67 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	167.5 × 74.5 × 74.5mm
	Weight	Approx. 0.38KG
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

VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED

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