



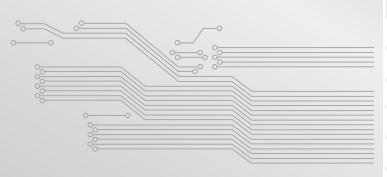
# **FULL HIGH DEFINITION**

H.265 2MP IP BULLET CAMERA

## **VP-NC91002B-AF3IR2T1**

IR NIGHT VISION FIXED CAMERA















#### **FEATURES**

Full High Definition 2MP (1920 x 1080) resolution

H.265 video compression technology with real time encoding

Inbuilt High intensity Smart IR LEDs with intensity control

Inbuilt True 120db WDR, 3D DNR,HLC, Defog & BLC functions

Supports triple streams

One way audio Supported

Inbuilt SD card Slot up to 128GB Supported

IP67 Weather proof outdoor enclosure

## VP-NC91002B-AF3IR2T1

Signal System		Image sensor	1/2.8" Progressive Scan Starlight Sensor
Effective Pixels	Camera		
Carriera		<u> </u>	
Camera         Minimum Illumination         R&W O Lox at IR           Electronic Shutter Speed         V25s = 7/00,000           Gain Control         Auto           Signal to Nose         > 52 db           Ins         DC Ins           Lens         FOV         89°           Focus         Hixed           House Institute         Hixed Institute           Day & Night         True Day & Night with ICR           If Rour         High performance Mechanical IR Cut Filter with auto switch           IR Range         Up to 50 Mtr           IR Range         Up to 50 Mtr           IR I Fe         40000 Operation Hours           Video compression         H 266 F 4 264 / MUPEG           Audio compression         A 126 Kbps - 6 Mbps           Audio admired         54 Kbps           Audio admired         54 Kbps           Audio Bit Rate         54 Kbps           Audio Stroam         56Hz 25tps (1920 x 1080), 25tps (1280 x 720), 25tps (704 x 48)           Sub/ Third Stroam         56Hz 25tps (1920 x 1080), 30tps (1280 x 720), 30tps (704 x 48)           Sub/ Third Stroam         56Hz 25tps (1920 x 1080), 30tps (1704 x 48), 30tps (352 x 240)           Operational         Final         56Hz 25tps (1920 x 1080), 30tps (1704 x 48), 30tps (352 x 240)		2.106.1176.1	
Electronic Surfer Speak   Auto		Minimum Illumination	
Sain Control   Auto   Auto   White Balance   Auto   Signale to Note   552 dB		Flectronic Shutter Speed	1/25s ~ 1/100 000s
White Balance			
Signal to Noise			
Ins			
Lens Type		3	
FOV   89°   Focus   Fixed   Fixed   Day & Night   True Day & Night with ICR   R Cut   High performance Mechanical IR Cut Filter with auto switch   IR Source   Inbutth high intensity Smart IR LEDs with intensity control   IR Range   Up to 50 Mtr.   R Life   40000 Operation Hours   Video compression   H.265 / H.264 / MJPEG   H.264 codec profile   Main profile   Main profile   Video bit Rate   128 Kbps - 6 Mbps   Audio compression   G.711/4 G.711U   Audio Bit Rate   64 Kbps   Max Resolution   1920 x 1080   Main Stream   60Hz; 26fps (1920 x 1080), 26fps (1280 x 720), 26fps (704 x 48)   60Hz; 26fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 48)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 48)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 48)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 48)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (352 x 240)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (352 x 240)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (352 x 240)   60Hz; 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240)   60Hz; 30fps (1280 x 720), 30fps (704 x 480), 30fps (1280 x 720), 30			22
Focus	Lens		
Day & Night			
BR Cut			
Day/Night   Functionality   IR Source   Inbuil high intensity Smart IR LEDs with intensity control			
Functionality	Dav/Night		
R Range			
Video compression	,		
H.264 codec profile			'
Compression         Video Bit Rate         128 Kbps - 6 Mbps           Audio compression         G.711A/ G.711U           Audio Bit Rate         64 Kbps           Resolution and Frame Rate         Max. Resolution         1920 x 1080           Main Stream         50Hz. 25fps (1920 x 1080), 30fps (1280 x 720),25fps (704 x 48t) 60Hz. 30fps (1920 x 1080), 30fps (1280 x 720),30fps (704 x 48t),25fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),25fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240) 60Hz. 30fps (1280 x 720), 30fps (1280 x 720),30fps (352 x 240) 60Hz. 30fps (1280 x 720),30fps (352 x 240) 60Hz. 30fps (1280 x 720),30fps (1280 x 720),30		'	
Audio compression G.711A/ G.711U Audio Bit Rate 64 Kbps  Max. Resolution 1920 x 1080  Main Stream 50Hz: 25fps (1920 x 1080), 25fps (1280 x 720), 25fps (704 x 481 60Hz: 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 480) 60Hz: 30fps (1920 x 1080), 30fps (1280 x 720), 30fps (704 x 480) 60Hz: 30fps (1920 x 1080), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480), 30fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (1280 x 72		'	•
Audio Bit Rate	Compression		
Max Resolution   1920 x 1080		· ·	
Main Stream   50Hz: 25fps (1920 x 1080), 25fps (1280 x 720), 25fps (704 x 480)			•
Resolution and Frame Rate		Max. Resolution	
Sub/ Third Stream  ODH2: 25fps (1280 x 720), 25fps (104 x 460),25fps (352 x 240)  Wide Dynamic Range (WDR)  120 dB  BLC & HLC  Yes, zone configurable  Inbuilt 3D DNR (Digital Noise Reduction) circuit  ROI  Codec streaming capability  Triple streaming  Image settings  Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharper Defog etc. adjustable through client software or web browser  Privacy Masking  Supported  Security  User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage  Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger  Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, RTCP, RTCP, RTCP, RTCP, RTCP, RTCP, RTCP, RTCP, RTCP, SNMP, IEEE802.1X  Network & Remote  Monitoring  Mobile Client Application  Supports and roid and IOS APP for Smart phone and tablets  Support Input  Standard DC Jack		Main Stream	50Hz: 25fps (1920 x 1080), 25fps (1280 x 720),25fps (704 x 480) 60Hz: 30fps (1920 x 1080), 30fps (1280 x 720),30fps (704 x 480)
Derational Features    ROI   Supported		Sub/ Third Stream	60Hz: 25fps (1280 x 720), 25fps (704 x 480),25fps (352 x 240) 60Hz: 30fps (1280 x 720), 30fps (704 x 480),30fps (352 x 240)
Derational Features  Peatures  ROI Supported  Codec streaming capability Triple streaming  Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharper Defog etc. adjustable through client software or web browser  Privacy Masking Supported  Security User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  Protocols  Protocols  Network & Remote  Monitoring  Mobile Client Application  Bandwidth control  VBR (Automatic) and CBR (Manual) supported  Ethernet 1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack		Wide Dynamic Range (WDR)	120 dB
DNR Inbuilt 3D DNR (Digital Noise Reduction) circuit  ROI Supported  Codec streaming capability Triple streaming  Image settings Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharper Defog etc. adjustable through client software or web browser  Privacy Masking Supported  Security User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPDE, DDNS, SMTP, SNMP, IEEE802.1X  Network & Remote Monitoring  Mobile Client Application Supports android and iOS APP for Smart phone and tablets  Bandwidth control VBR (Automatic) and CBR (Manual) supported  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack			
Features  Codec streaming capability Triple streaming Image settings Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharper Defog etc. adjustable through client software or web browser  Privacy Masking Supported  Security User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X  Network & Remote Monitoring  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  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack		DNR	
Features    Codec streaming capability   Triple streaming	Operational	ROI	Supported
Image settings		Codec streaming capability	
Image settings   Defog etc. adjustable through client software or web browser			Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, N
Security  User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage  Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger  Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTPS, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X  System compatibility  ONVIF  CMS  Full function CMS (Central monitoring software)  Mobile Client Application  Supports android and iOS APP for Smart phone and tablets  VBR (Automatic) and CBR (Manual) supported  Ethernet  1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack		image settings	Defog etc. adjustable through client software or web browser
Security  User Authentication, Watermark, Heartbeat, IP address filtering, IP address filtering, video mask, image distortion correction  Onboard Storage  Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB  Alarm trigger  Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X  System compatibility  ONVIF  CMS  Full function CMS (Central monitoring software)  Mobile Client Application  Supports android and iOS APP for Smart phone and tablets  VBR (Automatic) and CBR (Manual) supported  Ethernet  1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack		Privacy Masking	Supported
IP address filtering, video mask, image distortion correction   Onboard Storage			User Authentication, Watermark Heartbeat, IP address filtering.
Alarm trigger  Motion detection, Tampering alarm, Smart Analytics, SD card error SD card full, IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X  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  Ethernet  1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack			
SD card full,IP address conflict, Network disconnection  IPv4/IPv6, TCP/IP, FTP, HTTP, UDP, DHCP, DNS, NTP, R RTCP, RTP, PPPoE, DDNS, SMTP, SNMP, IEEE802.1X  Network & Remote Monitoring  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  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack		Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
Network & Remote  Monitoring  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  Ethernet  1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack		Alarm trigger	Motion detection, Tampering alarm, Smart Analytics, SD card error, SD card full,IP address conflict,Network disconnection
Monitoring  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  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack		Protocols	IPv4/IPv6, TCP/IP, FTP, HTTP, HTTPS, UDP, DHCP, DNS, NTP, RTS
Monitoring  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  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack		System compatibility	ONVIF
Mobile Client Application Supports android and iOS APP for Smart phone and tablets  Bandwidth control VBR (Automatic) and CBR (Manual) supported  Ethernet 1 RJ45 10/100 Ethernet port  Power Input Standard DC Jack			
Bandwidth control  VBR (Automatic) and CBR (Manual) supported  Ethernet  1 RJ45 10/100 Ethernet port  Power Input  Standard DC Jack			
Ethernet 1 RJ45 10/100 Ethernet port Power Input Standard DC Jack			
Power Input Standard DC Jack		Ethernet	
			·
Interface Audio Input 1 x Mic Input	Interface	'	
Power Input Standard DC Jack	-	Mobile Client Application Bandwidth control	Supports android and iOS APP for Smart phone and tablets  VBR (Automatic) and CBR (Manual) supported
	Interfere	Power Input	

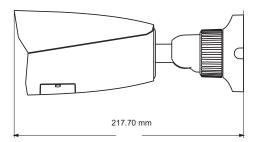
### VP-NC91002B-AF3IR2T1

Features	Smart Analytics	Line crossing ,Intrusion detection, Abnormal video detection, video tampering detection, scene change detection, face detection,
Electrical	Power Requirement	12 VDC ± 10% , PoE (802.3af)
	Power Consumption	Max. 7W
Environmental	Enclosure	IP67 Weatherproof 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	217.7 × 80.5 × 80.5 mm
	Weight	670g
Certifications	Certifications	UL, CE, FCC, RoHS

Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

#### **DIMENSIONS**

Unit: mm





### **VANTAGE INTEGRATED SECURITY SOLUTIONS LIMITED**

B3, Bredon House 321, Tenttenhall Road Tettenhall, Wolverhampton West Midlands, WV6 0JZ United Kingdom





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

