vantage
keeping you safe

ULTRA HIGH DEFINITION
5MP IP BULLET CAMERA

VP-NC3255B-F4IR4X1
ARRAY IR NIGHT VISION FIXED CAMERA

FEATURES

Ultra High Definition 5MP (2560x1920) resolution

1/2.9" Progressive Scan CMOS Sensor

H.265+ video compression technology with real time encoding

High performance IR Cut mechanical filter for True & Night Vision

Inbuilt 120dB True WDR , 3D DNR & BLC functions

Smart IR with intensity control

Onboard SD card slot up to 128GB support

IP67 Water proof outdoor enclosure

1/2.9" Progressive Scan CMOS Sensor	Backlight Compensation	Smart IR	POE	IP67 Water Proof	

ONVIF (UL) CE FC RoHS

VP-NC3255B-F4IR4X1

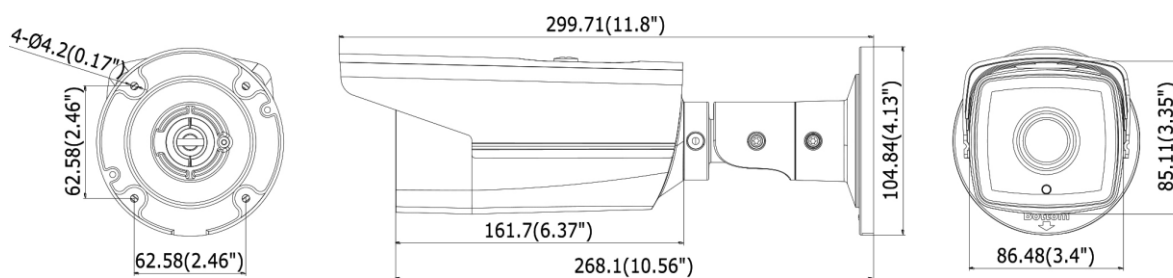|		
Camera	Image sensor	1/2.9" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	2560 (H) × 1920 (V)
	Minimum Illumination	Color: 0.01 lux @(F1.2, AGC ON), 0 Lux at IR on
	Electronic Shutter Speed	1/3 s to 1/100,000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 62 dB
	Auto Iris	DC Drive
Lens	Lens Type	4mm(2.8mm/6mm/8 mm/12mm optional)
	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	50 Mtr
Compression	Video Compression	H.265+, H.265, H.264, MJPEG
	H.265 / H.264 codec profile	Main Profile
	H.265+/H.264+	Supported
	Video Bit Rate	32 Kbps ~ 16 Mbps
Resolution and Frame Rate	Max. Resolution	2560 × 1920
	Frame rate	50Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 ×720) 60Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 ×720)1920 × 1080,
	Third Stream	50Hz: 25fps (1280 ×720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 ×720, 640 × 360, 352 × 240)
Operational Features	Privacy Masking	Supported
	Wide Dynamic Range	120dB
	Backlight Compensation	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec Streaming Capability	Triple streaming
	Image Settings	Support rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser and client software
	Security	One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter, Anonymous access
	Alarm Trigger	Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error
Network & Remote Monitoring	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
	System Compatibility	ONVIF (PROFILE S, PROFILE G), ISAPI
	ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately
	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	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR

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Interface	Ethernet	1 RJ45 10/100/1000 Self-adaptive Ethernet port
	Power Input	Standard DC Jack
Analytics Feature	Smart Features	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Unattended Baggage Detection, Face Detection
Electrical	Power Requirement	12 VDC ± 25% , PoE (802.3af)
	Power Consumption	max. 7W
Environmental	Enclosure	IP 67 Water proof outdoor enclosure
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	Φ104.8 × 299.7 mm
	Weight	1200g
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