

# FULL HIGH DEFINITION 2MP/5MP IP BULLET CAMERA

## EXPLOSION PROOF CAMERA



### FEATURES

Full High Definition 2MP/ 5MP Resolution with H.265 Compression

Inbuilt True 120dB WDR, 3D DNR, HLC, Defog & BLC Functions

Supports Smart Analytics Features with Inbuilt SD card slot supported up to 128GB

Atex certified 304(316) stainless steel enclosure-surface treated with fluorine-carbon spray, elegant structure, explosion-proof, dust proof, waterproof,rust-proof

Optics class toughened ultra-clear white explosion-proof glass, flux rate higher than 96%

Invisible nano wiper,non-stick water,non-stick oil,dust-proof

Applicable for the factories like oil field,chemical plant,port,oil storage, steamship,oil drilling platform,gas stations,coal mine,aviation,military, steel,firecrackers production,machinery etc

## EXPLOSION PROOF CAMERA

	VV-NC91472B-AF3IR2EXT1	VV-NC91482B-AZIR1EXT1	VV-NC91455B-AF3IR2EXT1	VV-NC91465B-AZIR1EXT1
				
Resolution	2MP	2MP	5MP	5MP
Effective Pixels	2.0MP (1920x1080)	2.0MP (1920x1080)	5.0MP (2592x1944)	5.0MP (2592x1944)
Lens Type	3.6mm Fixed Lens	2.8mm to 12mm Motorized Lens	3.6mm Fixed Lens	3.3mm to 12mm Motorized Lens
Minimum Illumination	Color : 0.005 lux@F1.6, B&W: 0 Lux at IR	Color : 0.0028 lux@F1.2, B&W: 0 Lux at IR	Color : 0.036 Lux @ F1.6, B&W: 0 Lux at IR	Color : 0.013 lux @ F1.2, B&W: 0 Lux at IR
IR Range	Up to 30 Mtr.	Up to 50 Mtr.	Up to 30 Mtr.	Up to 50 Mtr.
Horizontal FOV	89°	103°~32°	79°	93.9°~34.8°
High Frame Rate Mode	Main stream: 1080P/720P (1~30fps/1~25fps)	Main stream: 1080P/720P (1~25fps/1~30fps)	Main stream: 1080P/720P (1~60fps/1~50fps)	Main stream: 1080P/720P (1~60fps/1~50fps)

## PRODUCT SPECIFICATIONS

Compression	Video compression	H.265 / H.264 / MJPEG
	H.265 codec profile	Main profile
	Audio Compression	G711A/ G711U
	Video Bit Rate	128Kbps ~ 10 Mbps
Operational Features	Wide Dynamic Range	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
	Security	Watermark, IP address filtering, video mask, heartbeat, password protection
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
Network & Remote Monitoring	Alarm trigger	Motion detection; SD card error; SD card full
	Protocols	IPv4/IPv6, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, UPnP, 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
Interface	Bandwidth control	VBR (Automatic) and CBR (Manual) supported
	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio	MIC IN x 1; built-in MIC x 1 (Optional)
Smart Features	Video Output	CVBS output (BNC x 1); on-board CVBS output x 1 (Optional)
	Smart Analytics	Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density, face detection (Optional)
Electrical	Power Requirement	12 VDC ± 10% , PoE (802.3af)
	Power Consumption	Max. <9W

## MECHANICAL SPECIFICATIONS

Environmental	Material	304 Stainless steel (316 optional)
	Surface treatment	Fluorine-carbon spray processing
	Ingress Protection	IP68
	Interface spec	G-3/4"
	Operating Humidity	95% or less (non-condensing)
	Method of installation	Wall mounting
Certificate of Conformity	Marking	ATEX/ ExdIICT6 / DIP A20 TA,T6
	Cer. No	CNEx11.0264
	Weight	≤10kg
Certifications	Certifications	UL,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.

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

