

ULTRA HD RESOLUTION NETWORK CAMERA

VP-NC52175D-F2IRX1 5MP Vehicle Network Camera



FEATURES

High quality imaging with 5MP resolution

Efficient H.265+ compression technology

3D DNR technology delivers clean and sharp images

Clear imaging against strong back light due to 120 dB true WDR technology

Advanced streaming technology that enables smooth live view and data self-correcting in poor network

Robust vehicle mount enclosure with IP68 and IP69K ingress protection level



TECHNICAL SPECIFICATIONS

VP-NC52175D-F2IRX1

Camera	Image sensor	1/3" 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 with IR
	Electronic Shutter Speed	1/3 s to 1/100, 000 s
	Signal to Noise	> 50 dB
Lens	Lens Type	2.8 mm (4,6mm optional)
	Lens Mount	M12
	FOV	Horizontal FOV 95°, vertical FOV 51°, diagonal FOV 113°
	Aperture	F1.6
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 with intensity control
	IR Range	Up to 30 Mtr.
Compression	Video Compression	H.265 /H.264 / MJPEG
	H.265 Codec Profile	Main profile
	Video Bit Rate	256 Kbps to 16 Mbps
Resolution and Frame Rate	Max. Resolution	2560x1920
	Main Stream	50Hz:25fps(2560 × 1920, 1920x1080, 1280 × 960, 1280 × 720) 60Hz:30fps(2560 × 1920, 1920 × 1080, 1280 × 960, 1280 × 720)
	Sub Stream	50Hz:25fps(704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz:30fps(704 × 480, 640 × 480, 352 × 240, 320 × 240)
	Third Stream	50Hz:15fps(1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) 50Hz:15fps(1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
Operational Features	Wide Dynamic Range (WDR)	120dB
	Image Enhancement	BLC, HLC, Defog, EIS
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Region of Interest (ROI)	1 fixed regions for each stream, and dynamic object tracking
	Day/Night Switch	Day/Night/Auto/Schedule
	Privacy Mask	4 regions of privacy mask
	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
	Codec streaming capability	Triple streaming
	Image settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
	Onboard Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
	Alarm Trigger	Upload to FTP/NAS/memory card, notify monitoring center, send email, trigger recording, trigger capture
	General Function	Anti-flicker, 3 streams, heartbeat, mirror, privacy mask
	Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, TF card error)

TECHNICAL SPECIFICATIONS

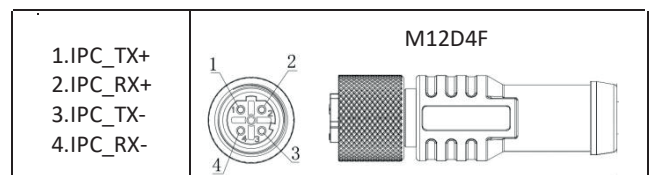
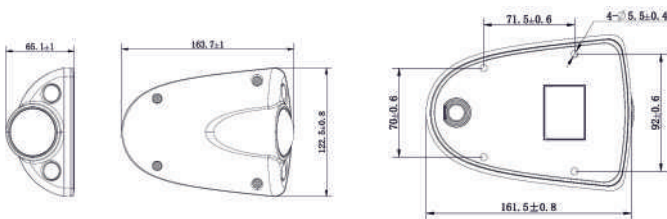
VP-NC52175D-F2IRX1

Network & Remote Monitoring	Protocols	TCP/IP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, SNMP, UDP, SSL/TLS, RTCP, ICMP, IGMP
	System compatibility	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI
	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
	User/Host	Up to 32 users. 3 user levels: administrator, operator and user
	Simultaneous Live View	Up to 20 channels
	Web Browser	Plug-in required live view: IE8+
Analytics Feature	Smart Features	Line crossing detection, Intrusion detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Object detection, Scene change detection, defocus detection
Interface	Connector	1 four-core M12 aviation plug
	Heater	Supported
Electrical	Power Input	PoE: 802.3af, Type 1 Class 3 on M12 aviation plug
	Power Consumption	Max 10W
Environmental	Enclosure	IP68, IP69K Weather Proof Indoor enclosure
	Impact Protection	IK10
	Operating Temperature	-40°C to + 75°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	163.7 × 122.6 × 65.1 mm
	Weight	Approx. 905 g
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 due to customized solutions & products being offered as per customer requirements.

DIMENSIONS & CONNECTION INTERFACE

Unit: mm



Order Info:

Model	VP-NC52175D-F2IRX1	2.8mm Fixed Lens
	VP-NC52175D-F4IRX1	4 mm Fixed Lens
	VP-NC52175D-F6IRX1	6 mm Fixed Lens

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

