

# ULTRA HIGH DEFINITION 6MP IP FISHEYE DOME CAMERA

# VP-NC7166PD-WDIRX1 IR NIGHT VISION 360° OUTDOOR CAMERA



## FEATURES

Ultra High Definition 6MP (3072 x 2048) resolution

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

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

8 Megapixel IR corrected lens 1.27mm@F2.0, angle of view: 360°

Multiple ePTZ streams with preset and patrol function

On board storage supported by Micro SD / SDHC / SDXC card up to 128 GB



## TECHNICAL SPECIFICATIONS

# VP-NC7166PD-WDIRX1

Camera	Image sensor	1/1.8" Sony Exmor Progressive Scan Sensor
	Signal System	PAL/NTSC
	Effective Pixels	3072 (H) x 2048 (V)
	Minimum Illumination	Color : 0.001Lux @ F1.2, B&W: 0.015 lux @ F1.4 0 Lux at IR on
	Electronic Shutter Speed	1/25s (1/30s) ~ 1/100,000s
	Gain Control	Auto
	White Balance	Auto (2000K to 10000K)
	Signal to Noise	> 62 dB
	Auto Iris	DC Drive
Lens	Lens Type	8 Megapixel IR corrected lens 1.27mm @F2.8, Angle of view: 360°
	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	15 Mtr
	IR Life	40000 Operation Hours
Compression	Video compression	H.264 / MJPEG
	H.264 codec profile	Main profile
	Video Bit Rate	32 Kbps ~ 16Mbps
Resolution and Frame Rate	Max. Resolution	3072 x 2048
	Frame rate	High-frame Mode: support 50Hz: 1 x fisheye (3072 x 2048, 25fps) or (2048 x 2048, 25fps) or 4 x PTZ at (1024 x 768, 30fps) 60Hz: 1 x fisheye (3072 x 2048, 25fps) or (2048 x 2048, 30fps) or 4 x PTZ at (1024 x 768, 30fps) Multi-channel Mode: support 50Hz: 1 x fisheye (1280 x 1280, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps) 60Hz: 1 x fisheye (1280 x 1280, 15fps) and 1 x panoramic (2048 x 1536, 15fps) and 3 x PTZ (1024 x 768, 15fps)
Operational Features	Wide Dynamic Range	120dB WDR
	Backlight compensation	Yes, zone configurable
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	High Light Compensation	Supported
	Codec streaming capability	High Frame Rate Mode: 1 or 4 Multi-Channel Mode: up to 5 (No sub-streams)
	Image settings	Rotate mode, Saturation, brightness, contrast, sharpness adjustable
	Security	through client software or web browser User authentication, watermark, IP address filtering, anonymous access, reset
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
	Alarm trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage full , Storage error
	SDK	Supported
	P2P	Enable/Disable

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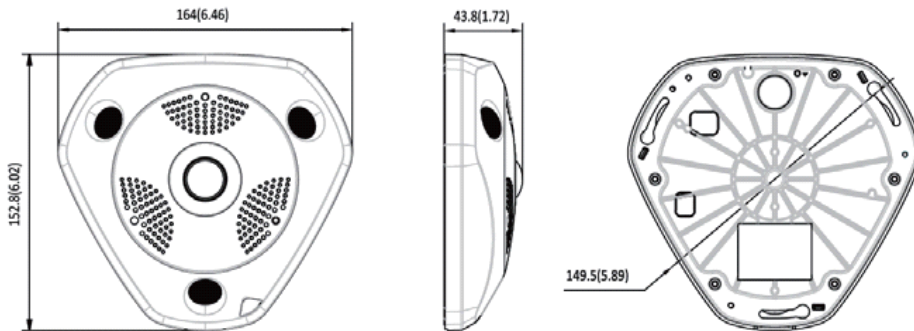
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Network & Remote Monitoring	Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv4,IPv6,Bonjour
	System compatibility	ONVIF, PSIA, CGI,ISAPI
	CMS	Full function CMS ( Central monitoring software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR (Automatic) and CBR (Manual) supported
	Network storage	Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB, NAS
Interface	Ethernet	1 RJ45 10/100/1000 Ethernet port
	Power Input	Standard DC Jack
Electrical	Power Requirement	12 VDC $\pm$ 10% , PoE (802.3af)
	Power Consumption	Max. 11W
Environmental	Enclosure	IP66 Outdoor Vandal Proof Dome Enclosure
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
	Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to Ik10
Mechanical	Color	White
	Dimensions	164 x 152.8 x 43.8mm
	Weight	1400g
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



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