

2M IP IR Mini Dome

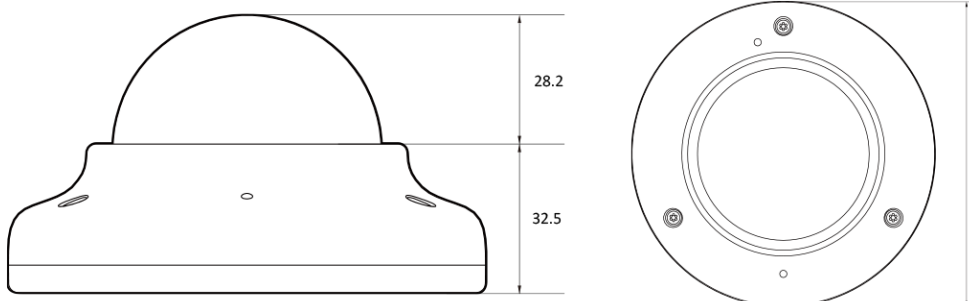
NVD7-22-R

Features

- 90° Tilting
- Bidirectional Audio
- Vandal Proof Design
- Weather Proof Design
- Real-time High Definition Camera
- Triple codec, Simultaneous Multi Streaming
- Local SD Card Backup
- Day & Night by ICR
- PoE
- Double Scan Sensor with Advanced Built in ISP (2M)



Dimension (mm)



Specification

Video	
Image Sensor	1/2.8" 2.1M CMOS
Channels	1
Total Pixel	1945(H) X 1109(V)
Max Resolution	1920 X 1080
MIN. Illumination	2.8mm : 0.05Lux, 0Lux with IR(F2.0) 4mm : 0.09Lux, 0Lux with IR (F2.6) mm : 0.05Lux, 0Lux with IR (F2.0) 8mm : 0.03Lux, 0Lux with IR (F1.6)
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	2.8mm 4.0mm 6.0mm 8.0mm
Aperture	2.8mm, F2.0 4.0mm, F2.6 6.0mm, F2.0 8.0mm, F1.6
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D:128 , H:111 , V:62 (2.8mm) D:120 , H:86 , V:46 (4mm) D:64 , H:55 , V:30 (6mm) D:47 , H:40 , V:22 (8mm)

Operational	
Shutter Speed	Auto / Manual (1/15 ~ 1/32000) Anti-Flicker Slow Shutter(1/2,1/3,1/5,1/6,1/7.5, 1/10)
Auto Gain Control (AGC)	Yes
Day & Night	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	WDR (2x)
Dynamic Range	120dB or above
IR LEDs	H2IR
IR Distance	60ft
Privacy Zone	Yes

Encoder (video & audio)	
Video Compression	H.265 H.264 MJPEG
Support Resolution	H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Multiple Profile Streaming Performance	1080p30 + D1(704x480 or 704x576) p30 with H.264, H.265 + MJPEG
Video BitRate	Yes
Bitrate Control	Multi Streaming CBR/VBR at H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording

Encoder (video & audio)

Audio Compression	G.711
Special Feature	Dynamic ROI(Region of Interest) Smart LBR

I/O & Event

Audio In / Out	1(Mic)/0
Alarm In / Out	No
Mic	Yes
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule
Event Notification	FTP E-Mail SD Card

Network

Ethernet	RJ45 (10/100Base-T)
Protocol	TCP/IP UDP AutoIP RTP(UDP/TCP) RTSP NTP HTTP HTTPS SSL DNS DDNS DHCP FTP SMTP ICMP SNMPv1/v2/v3(MIB-2) ONVIF
Security	HTTPS(SSL) IP filtering 802.1x Digest Authentication
SIP/VoIP Support	SIP VoIP
Application Programming I/F	CGI API ONVIF
Web viewer	Windows®
Video management software (VMS)	DW Spectrum® IPVMS
Support languages	English Korean Japanese
Edge storage	Micro SD Micro SDHC Micro SDXC
SD Card Socket	1

Electrical

Power Requirement	Adaptor is not included PoE IEEE 802.3af Class2
Power consumption	DC12V Max 3.7WPoE Max 5.5W

Environmental

Operating Temperature	-20°C ~ 50°C
Operating Humidity	10-90% RH(Non-Condensing)
IP Rating	IP67
Other Certification	FCC CE

Mechanical

Housing Model	VD7
Housing	Outdoor Dome
Material	Aluminum-Die Casting

Mechanical	
Color	White
Dimensions (W x D x H)	105mm 60.7mm
Weight	0.36kg

Compatible Accessories

 BCA2 NP Ceiling Bracket	 BCA3 NP(K) Ceiling Bracket	 BJC04 Junction Bracket	 BW11 Wall Bracket
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