

2M IP IR Flat Dome

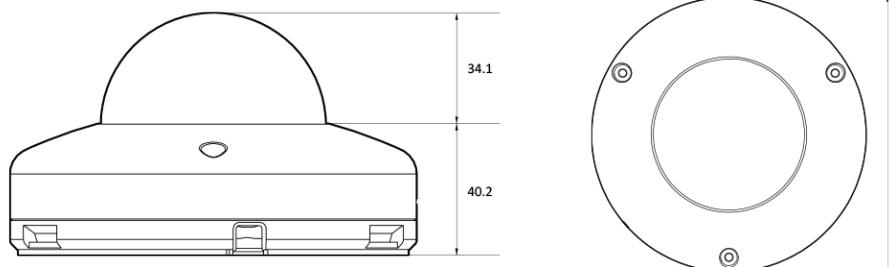
NVD8-22-R

Features

- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC
- Advanced Built in ISP
- Fluid Integration Way
- 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	4mm : 0.09Lux, 0Lux with IR (F2.6) 6mm : 0.05Lux, 0Lux with IR (F2.0) 8mm : 0.03Lux, 0Lux with IR (F1.6)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	4.0mm 6.0mm 8.0mm
Aperture	4.0mm, F2.6 6.0mm, F2.0 8.0mm, F1.6
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	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	8IR
IR Distance	40ft
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[1.0Vms, 3K ohm]/1
Alarm In / Out	1/1
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule Sensor Detection
Event Notification	FTP E-Mail Alarm Out 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 DC12V PoE IEEE 802.3af Class2
Power consumption	DC12V Max 4WPoE Max 5.5W

Environmental

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

Mechanical

Housing Model	VD8
Housing	Outdoor Dome
Material	Aluminum-Die Casting

Mechanical	
Color	White
Dimensions (W x D x H)	125mm 74.3mm
Weight	0.42kg

Compatible Accessories

 BCA3 NP(K) Ceiling Bracket	 GP02 Gang Bracket	 BJC03 Junction Bracket	 BW10 Wall Bracket
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