

2M IP IR Flat Dome

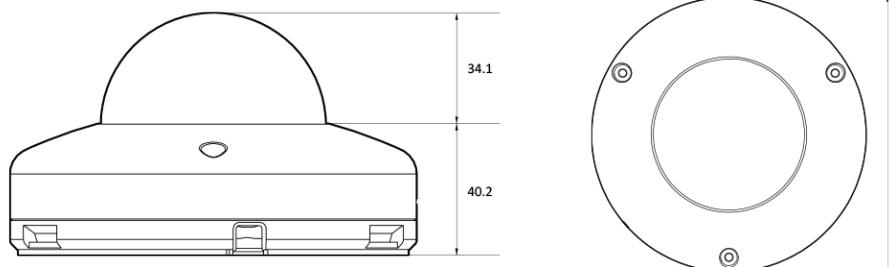
NVD8-12-R

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	1/2.9" 2.2M CMOS
Channels	1
Total Pixel	2001(H) X 1121(V)
Max Resolution	1920 X 1080
MIN. Illumination	0.25Lux, 0Lux with IR (F2.0)
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	3.6mm
Aperture	F2.0
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D : 109 , H : 94 , V : 50

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)	DWDR
Dynamic Range	120dB or above
IR Distance	35ft
Privacy Zone	Yes

Encoder (video & audio)	
Video Compression	H.265 H.264 MJPEG
Support Resolution	H.265 : 1920x1080/1280x720/352x288/352x240 H.264 : 1920x1080/1280x720/352x288/352x240 MJPEG : 1920x1080/1280x720/352x288/352x240
Multiple Profile Streaming Performance	1080p30 + CIF(352*288 or 352*240) 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
Special Feature	Dynamic ROI(Region of Interest) Smart LBR

I/O & Event

Event Trigger	Motion Alarm Temperature Critical Illegal Login Schedule
Event Notification	FTP E-Mail

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

Electrical

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class2
Power consumption	DC12V Max 3.8WPoE 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
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