

# 2M IP IR Flat Dome

NVD8-12-R

## Features

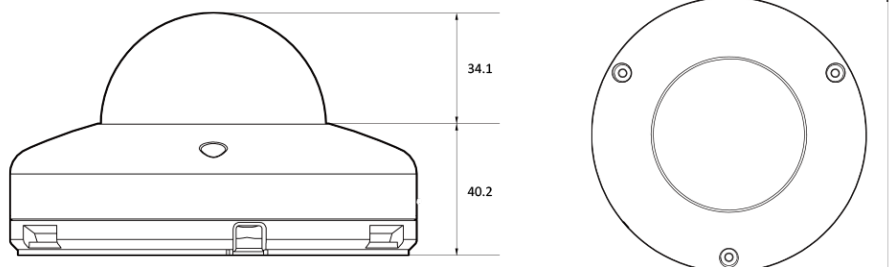
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- 2MP Dome Camera
- Maximum resolution 1920 (horizontal) X 1080 (vertical)/30fps
- Horizontal angle of view 84 degrees (4.0mm)/Fixed lens option
- Day & Night(ICR)/IR visibility distance 15 meters
- Backlight compensation (D-WDR)
- PoE IEEE 802.3af/Class3
- IP67/IK10



## Dimension (mm)

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## Specification

### Video

Image Sensor	1/2.9" 2.2M CMOS
Channels	1
Total Pixel	2001(H) X 1121(V)
Max Resolution	1920(H) X 1080(V)
MIN. Illumination	0.25Lux, 0Lux with IR (F2.0)
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

### Lens

Focal Length	4.0mm
Aperture	F2.0
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D : 109 , H : 94 , V : 50
Pan / Tilt / Zoom	Zoom :Fixed

### 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)	Auto
Day & Night	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	D-WDR
Dynamic Range	No
LEDs	8IR
LED Distance	35ft
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

### Intelligent Video Analytic

AI Intelligent Video Analytic	No
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### Encoder (video & audio)

Video Compression	H.264 H.265 MJPEG
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Encoder (video & audio)

Support Resolution	H.265 : 1920x1080/1280x720/352x288/352x240 H.264 : 1920x1080/1280x720/352x288/352x240 MJPEG : 1920x1080/1280x720/352x288/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~10Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.264,H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	No
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event

Audio In / Out	No
Alarm In / Out	No
Mic	No
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
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
Video management software (VMS)	DW Spectrum® IPVMS
Support languages	English Korean Japanese
Edge storage	No
SD Card Socket	No

Electrical

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 3.8W PoE Max: 5.5W

Environmental

Operating Temperature	-20°C ~ 50°C
Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)








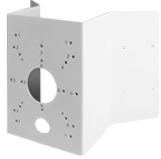
Environmental

Vandal Proof Casing	IK10
IP Rating	IP66
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

 <p><b>BC10 NPT</b></p>	 <p><b>GP02</b> Gang Bracket</p>	 <p><b>BJC03</b> Junction Bracket</p>	 <p><b>BW10</b> Wall Bracket</p>
 <p><b>BC10</b> Ceiling Bracket</p>	 <p><b>BJC09</b> Wall Junction Bracket</p>	 <p><b>BP01</b> Pole Mount Bracket</p>	 <p><b>BCO01</b> Corner Mount Bracket</p>