CPRO
DIGITAL SURVEILLANCE SYSTEMS

2M IP IR Flat Dome

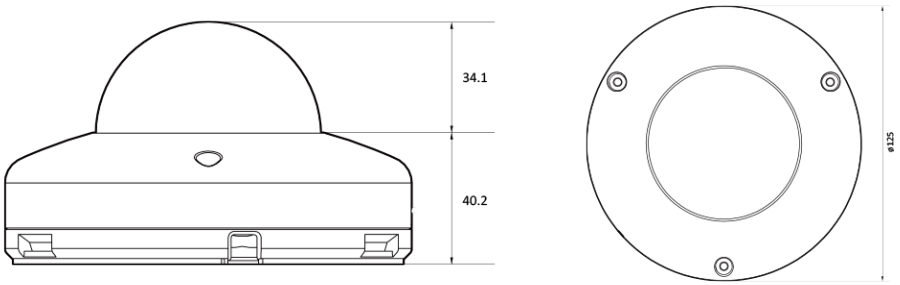
NVD8-12-R

Features

- 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

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)	Yes
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℃ ~ 50℃
Cold Start	No

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Environmental	
Operating Humidity	10-90% RH(Non-Condensing)
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



BC10 NPT



GP02
Gang Bracket



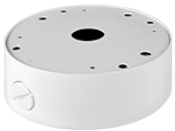
BJC03
Junction Bracket



BW10
Wall Bracket



BC10
Ceiling Bracket



BJC09
Wall Junction Bracket



BP01
Pole Mount Bracket



BCO01
Corner Mount Bracket