

2M IP MFZ IR Flat Dome

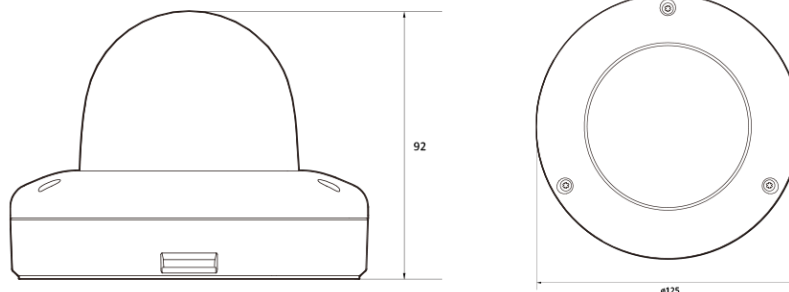
NVD9-22-R

Features

- 2MP camera
- Maximum resolution 1920 (horizontal) X 1080 (vertical) / 30fps
- Horizontal angle of view 96 degrees (wide angle) to 35 degrees (zoom) / Optical 4.2x
- Day & Night (ICR) / IR visibility distance 24 meters
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP67/IK10



Dimension (mm)



Specification

Video	
Image Sensor	1/2.8" 2.1M CMOS
Channels	1
Total Pixel	1945(H) X 1109(V)
Max Resolution	1920(H) X 1080(V)
MIN. Illumination	0.02Lux 0Lux with IR (F1.4)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	2.8~12mm
Aperture	F1.4
Lens Type	Motorized_Varifocal
IRIS Type	P-IRIS
Horizontal Angle	D:41 ~113 , H:35 ~96 , V:20 ~51
Pan / Tilt / Zoom	Zoom :X4.2 Optical

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)	WDR(2x)
Dynamic Range	120dB or above
LEDs	H2IR
LED Distance	80ft(25m)
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

Encoder (video & audio)

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
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~10Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	G.711 ulaw
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event

Audio In / Out	1 Line[1.0Vms, 3K ohm]/1 Line
Alarm In / Out	1 Line/1 Line
Mic	No
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
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	Micro SD Micro SDHC Micro SDXC
SD Card Socket	1

Electrical

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 6.5W PoE Max: 8.5W

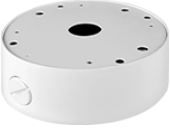
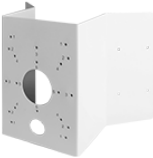
Environmental

Operating Temperature	-20°C ~ 50°C
Cold Start	No

Environmental	
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP66
Other Certification	FCC CE ROHS

Mechanical	
Housing Model	VD9
Housing	Outdoor Dome
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	125mm 92mm
Weight	0.51kg

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