

# AI 5M IP MFZ IR Dome

NVD13-Z5-R

## Features

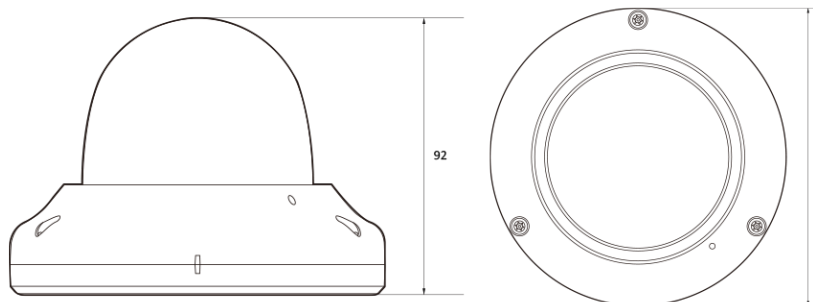
---

- 5MP AI Camera
- Supports Intelligent Video Analysis Events
- Maximum Resolution 2592 (Horizontal) X 1944 (Vertical) / 30fps
- Horizontal Field of View 106 degrees (Wide-angle) ~ 35 degrees (Zoom) / Optical 4x Zoom
- Day & Night(ICR)/Night Vision up to 25 meters
- Backlight Compensation (WDR)
- SD/SDHC/SDXC Memory Slot
- PoE IEEE 802.3af/Class3
- IP67/IK10
- Built-in Microphone



## Dimension (mm)

---



## Specification

### Video

Image Sensor	1/2.4" 5.17M CMOS
Channels	1
Total Pixel	2608(H) X 1984(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	COLOR: 0.1Lux BW: 0Lux with IR
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

### Lens

Focal Length	2.8~12mm
Aperture	F1.6
Lens Type	Motorized_Varifocal
IRIS Type	P-IRIS
Horizontal Angle	D:41°~127°, H:35°~106°, V:20°~56°
Pan / Tilt / Zoom	Zoom :X4.2 Optical

### Operational

Shutter Speed	Auto / Manual (1/3 ~ 1/100,000)
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 Auto White Balance

### Intelligent Video Analytic

AI Intelligent Video Analytic	Yes
-------------------------------	-----

Encoder (video & audio)

Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 2592x1944/2560x1440/1920x1080 H.264 : 2592x1944/2560x1440/1920x1080 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	256Kbps~8Mbps
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	G.711 ulaw/AAC
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event

Audio In / Out	Mic /1 Line Output
Alarm In / Out	1 Line/1 Line
Mic	Yes
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 ICMP HTTP/S FTP DHCP DNS DDNS RTP RTSP NTP UPnP SMTP IGMP 802.1X QoS IPv4/6 UDP Bonjour SSL/TLS PPPoE SNMP WebSocket/s SRTP SFTP ONVIFONVIF
Security	HTTPS(SSL) IP filtering 802.1x
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
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: 8.2W PoE Max: 9.5W

Environmental

Operating Temperature	-30°C ~ 50°C
Cold Start	No







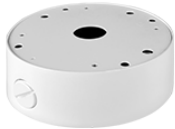

Environmental

Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP67
Other Certification	FCC CE ROHS

Mechanical

Housing Model	VD13
Housing	Outdoor Dome
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	125mm 92mm
Weight	0.52kg

Compatible Accessories

 <p><b>BJC11</b> JUNCTION BRACKET</p>	 <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>



**BCO01**

Corner Mount Bracket