CPRO
DIGITAL SURVEILLANCE SYSTEMS

AI 5M IP MFZ IR Flat Dome

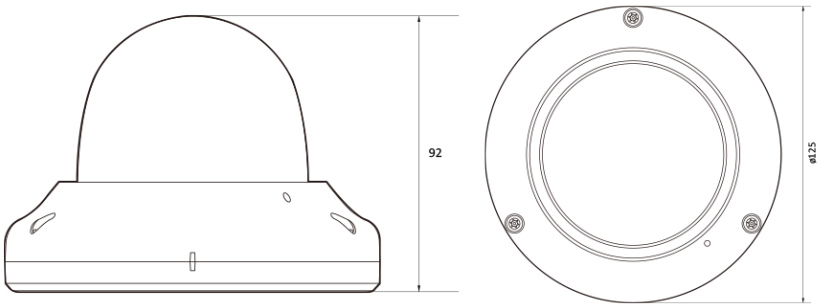
NVD13-E5L-R

Features



- 5MP AI Camera
- Supports Intelligent Video Analysis Events (Intrusion, Dwell, Counting Line)
- Maximum Resolution 2592 (H) X 1944 (V) / 30fps
- Horizontal Field of View 100 degrees (Wide) ~ 22 degrees (Zoom) / 4.4x Optical Zoom
- Day & Night(ICR)/Night Vision up to 31 meters
- Backlight Compensation (WDR)
- SD/SDHC/SDXC Memory Slot
- PoE IEEE 802.3af/Class3
- IP67/IK10
- Built-in Microphone

Dimension (mm)



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Specification

Video	
Image Sensor	1/2.8” 5.17M(STV2) CMOS
Channels	1
Total Pixel	2608(H) X 1984(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	COLOR: 0.04Lux BW: 0Lux with IR
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	3.3~14.5mm
Aperture	F1.4
Lens Type	Motorized_Varifocal
IRIS Type	Auto Exposure
Horizontal Angle	D:28°~128°, H:22°~100°, V:17°~71°
Pan / Tilt / Zoom	Zoom :4.4X 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	100ft(31m)
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip Auto White Balance

Intelligent Video Analytic	
AI Intelligent Video Analytic	Yes
Video analytics	Intrusion Detection Dwell Filter Counting Lines Metadata

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Encoder (video & audio)	
Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 2592x1944/2560x1440/1920x1080/1280x720/704x480/640x480/640x360/352x240 H.264 : 2592x1944/2560x1440/1920x1080/1280x720/704x480/640x480/640x360/352x240 MJPEG : 1280x720/768x432/704x480/640x480/640x360/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~25Mbps
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
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 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
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
Support languages	English Korean Japanese Vietnamese
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: 8.5W(0.71A) PoE Max: 10.6W(0.22A)

Environmental	
Operating Temperature	-30℃ ~ 60℃
Cold Start	No

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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



BR09
Inceiling Bracket



BJC11
JUNCTION BRACKET



BC10 NPT



GP02
Gang Bracket



BJC03
Junction Bracket



BW10
Wall Bracket



BC10
Ceiling Bracket



BJC09
Wall Junction Bracket

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BP01

Pole Mount Bracket



BCO01

Corner Mount Bracket