

# 5M IP MFZ Indoor IR Dome

NNK5-45-R

## Features

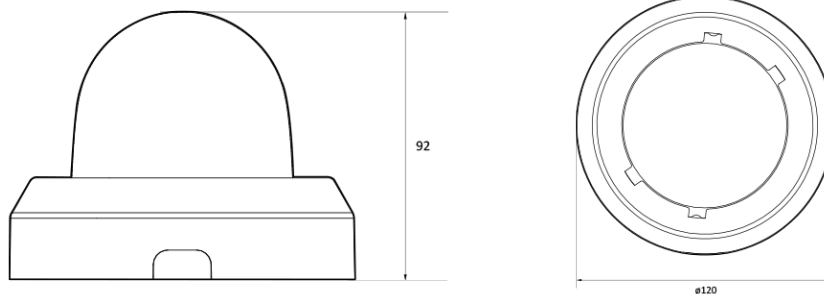
---

- 90° Tilting
- Real-time High Definition Camera
- Local SD Card Backup
- PoE
- Two Motor MFZ(Motorized Focus Controllable) / P-Iris Lens
- Day & Night by ICR
- Triple Codec, Simultaneous Multi Streaming
- Smart Focus(Motorized focus)
- Double Scan Sensor with Advanced Built in ISP (5M)



## Dimension (mm)

---



## Specification

### Video

Image Sensor	1/2.8" 5.69M CMOS
Channels	1
Total Pixel	2704(H) X 2104(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	0.08Lux, 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	2.7~13.5mm
Aperture	F1.4
Lens Type	Motorized_Varifocal
IRIS Type	P-IRIS
Horizontal Angle	D:39 ~125 , H:31 ~96 , V:24 ~70
Pan / Tilt / Zoom	Pan: Tilt : Zoom :X5 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	70ft(22m)
Privacy Zone	Yes
Function	Motion-Detection DIS 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 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240 H.264 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/352x288/352x240
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	G.711 ulaw
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event

Audio In / Out	1 Line Input[1.0Vrms, 3K ohm]/1 Line Output
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: 8.3W PoE Max: 10.5W

Environmental

Operating Temperature	-20°C ~ 50°C
Cold Start	-40°C

Environmental

Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	No
IP Rating	No
Other Certification	FCC CE ROHS

Mechanical

Housing Model	NK5
Housing	Indoor Dome
Material	Plastic
Color	White
Dimensions (W x D x H)	120mm 92.4mm
Weight	0.3kg

Compatible Accessories



**BW06**  
 Wall Bracket



**GP02**  
 Gang Bracket