

5M IP IR Fisheye Dome

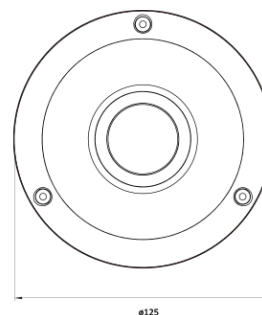
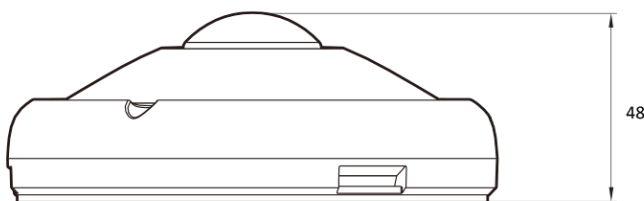
NVF2-45-R

Features

- 5MP 360-degree camera
- 1/1.8" high sensitivity sensor
- Maximum resolution 2952 (horizontal) X 1944 (vertical) / 30fps
- Horizontal angle of view 180 degrees / 180-degree fisheye lens
- Day & Night (ICR) / IR reach distance 17 meters
- Backlight compensation (WDR) / 3DNR
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP66/IK09



Dimension (mm)



Specification

Video

Image Sensor	1/1.8" 6.4M CMOS
Channels	1
Total Pixel	3096(H) X 2080(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	0.39Lux 0Lux with IR (F2.5)
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens

Focal Length	1.55mm
Aperture	F2.5
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	D:185°, H:185°, V:185°
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)	No
Dynamic Range	120dB or above
LEDs	H3IR
LED Distance	55ft(17m)
Privacy Zone	Yes
Function	Motion-Detection Auto White Balance

Intelligent Video Analytic

AI Intelligent Video Analytic	No
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Encoder (video & audio)

Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 2592x1944/2048x1536/1600x1200/640x480/640x360/384x288/352x240/320x240 H.264 : 2592x1944/2048x1536/1600x1200/640x480/640x360/384x288/352x240/320x240 MJPEG : 1600x1200/1280x1024/1280x960/1152x864/1024x768/800x600/640x480/480x360/384x288/320x240
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
SD Card Socket	1

Electrical

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 7.5W PoE Max: 8.7W









Environmental

Operating Temperature	-20°C ~ 50°C
Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK09
IP Rating	IP66
Other Certification	FCC CE ROHS

Mechanical

Housing Model	VF2
Housing	Outdoor Dome Fisheye
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	125mm 48mm
Weight	0.5kg

Compatible Accessories

 <p>BJC11 JUNCTION BRACKET</p>	 <p>BC10 NPT</p>	 <p>BJC08 Angle Bracket</p>	 <p>GP02 Gang Bracket</p>
 <p>BJC03 Junction Bracket</p>	 <p>BW10 Wall Bracket</p>	 <p>BC10 Ceiling Bracket</p>	 <p>BJC09 Wall Junction Bracket</p>



BP01

Pole Mount Bracket



BCO01

Corner Mount Bracket