

12M IP IR Fisheye Dome

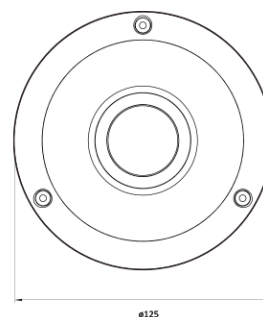
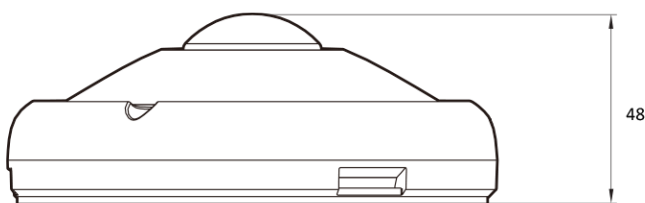
NVF2-512-R

Features

- 12MP 360-degree Camera
- 1/1.7" High Sensitivity Sensor
- Maximum Resolution 3000 (Horizontal) X 3000 (Vertical) / 30fps
- Horizontal Field of View 180 degrees / 180-degree Fisheye Lens
- Day & Night(ICR)/Night Vision up to 17 meters
- Backlight Compensation (WDR)/3DNR
- SD/SDHC/SDXC Memory Slot
- PoE IEEE 802.3af/Class3
- IP66/IK09



Dimension (mm)



Specification

Video

Image Sensor	1/1.7" 12.76M CMOS
Channels	1
Total Pixel	4168(H) X 3062(V)
Max Resolution	3008(H) X 3000(V)
MIN. Illumination	COLOR: 0.3Lux BW: 0Lux with IR
Only installer Video Output	No
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens

Focal Length	2.1mm
Aperture	F2.2
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	: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)	D-WDR
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 : 3008x3000/2800x2800/1600x1600/640x640/320x320 H.264 : 3008x3000/2800x2800/1600x1600/640x640/320x320 MJPEG : 1440x1440/1280x1280/640x640/320x320
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	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(1000Base-T(1Gbps))
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: 8.5W PoE Max: 10W

Environmental

Operating Temperature	-20°C ~ 50°C
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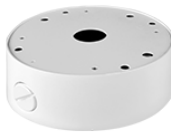

Environmental

Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK09
IP Rating	IP66
Other Certification	FCC CE ROHS KC

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>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>	 <p>BP01 Pole Mount Bracket</p>



BCO01

Corner Mount Bracket