

12M IP IR Fisheye Dome

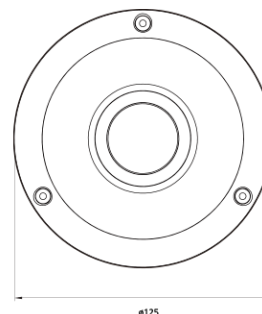
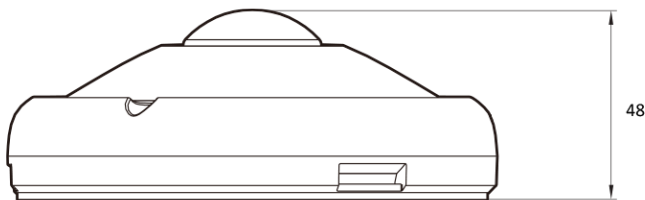
NVF2-512-R

Features

- IP Fisheye 360 Viewing Angle
- Invisible IR LEDs
- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC
- Advanced Built in ISP
- Fluid Integration Way



Dimension (mm)



Specification

Video

Image Sensor	1/1.7" 12.4M CMOS
Channels	1
Total Pixel	4000(H) X 3000(V)
Max Resolution	3008(H) X 3000(V)
MIN. Illumination	0.3Lux 0Lux with IR (F2.0)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens

Focal Length	2.1mm
Aperture	F2.2
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	:185 , H:185 , V:185

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)	Yes
Day & Night	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	DWDR
Dynamic Range	120dB or above
IR LEDs	H3IR
IR Distance	55ft
Privacy Zone	Yes

Encoder (video & audio)

Video Compression	H.265 H.264 MJPEG
Support Resolution	H.265 : 3008x3000/2800x2800/1600x1600/640x640/320x320 H.264 : 3008x3000/2800x2800/1600x1600/640x640/320x320 MJPEG : 1440x1440/1280x1280/640x640/320x320
Multiple Profile Streaming Performance	3008x3000p30 + 320x320p30 with H.264,H265 + MJPEG
Video BitRate	Yes
Bitrate Control	Multi Streaming CBR/VBR at H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording

Encoder (video & audio)

Audio Compression	G.711
Special Feature	Dynamic ROI(Region of Interest) Smart LBR

I/O & Event

Audio In / Out	1[1.0Vms, 3K ohm]/1
Alarm In / Out	1/1
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
SIP/VoIP Support	SIP VoIP
Application Programming I/F	CGI API ONVIF
Web viewer	Windows® Internet Explorer® 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	DC12V Max 8.5WPoE Max 10W

Environmental

Operating Temperature	-20°C ~ 50°C
Operating Humidity	10-90% RH(Non-Condensing)
IP Rating	IP66
Other Certification	FCC CE ROHS

Mechanical

Housing Model	VF2
Housing	Outdoor Fisheye Dome
Material	Aluminum-Die Casting

Mechanical	
Color	White
Dimensions (W x D x H)	125mm 48mm
Weight	0.5kg

Compatible Accessories

 BCA3 NP(K) Ceiling Bracket	 BJC08 Angle Bracket	 GP02 Gang Bracket	 BJC03 Junction Bracket
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