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DIGITAL SURVEILLANCE SYSTEMS

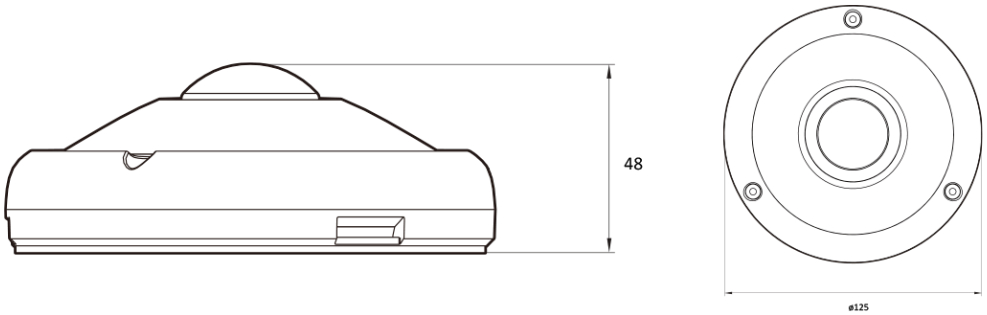
5M IP IR Fisheye Dome

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)



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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)	Yes
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

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Environmental	
Operating Temperature	-20℃ ~ 50℃
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

BC10 NPT

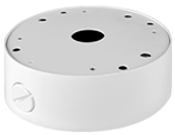
BJC08
Angle Bracket

GP02
Gang Bracket

BJC03
Junction Bracket

BW10
Wall Bracket

BC10
Ceiling Bracket



BJC09
Wall Junction Bracket

BP01
Pole Mount Bracket

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BCO01

Corner Mount Bracket