

AVC-NF121F
12MP H.265 FISHEYE NETWORK CAMERA



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12MP H.265 FISHEYE NETWORK CAMERA WITH SMART FEATURES

The AVC-NF121F is a 12MP H.265 Fisheye IP Camera with 360° Fisheye lens that display a wide panoramic view of the surroundings. With Smart IR Illumination, this camera can view a distance of up to 50ft. at night time and provide true day/night mode with ICR. Some additional features include True WDR capabilities, 8 ROI Encoding, PoE support, and a microSD memory card slot of up to 128GB for standalone recording applications.

COMPATIBLE NVR MODELS

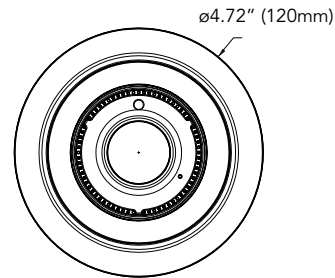
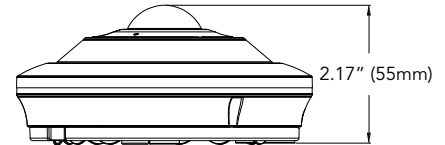
- AVR-HN516E2N
- AVR-HN532E2N
- AVR-HN564E2N

FUNCTIONS

- H.265 Main Profile Video Compression
- 1.7" Sony Progressive 12MP CMOS Image Sensor
- Max. Resolution: 3000 x 3000
- 12MP (3000 x 3000) Full Real Time Coding
- 360° Fisheye Lens, Panoramic View, e-PTZ Function
- Smart IR Illumination Up to 50ft.
- True Day/Night ICR Auto Switch
- Hardware Reset
- 3D DNR, True WDR, 8 ROI Encoding, HLC & BLC
- Supports PoE
- Smart Alarm with Motion and Sensor Features
- Supports Local CVBS Video Output and Two-Way Audio
- Compatible ONVIF Profile Protocol
- Supports Triple Streams
- P2P Remote Connection Function
- Supports Monitoring by Smart Phones, iPad, and Remote Monitoring
- DC12V (±10%) / PoE (802.3af) <12W

DIMENSIONS

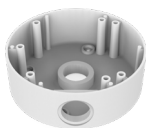
Unit : inch (mm)



OPTIONAL ACCESSORIES



AVA-MICSPKSRN
 AUDIBLE AND VISUAL ALARM DEVICE



AVM-JB-F-F1
 JUNCTION BOX

AVC-NF121F

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SPECIFICATIONS

CAMERA	
Image Sensor	1/1.7" Sony Progressive 12MP CMOS
Resolution	12MP
Min. Illumination	Color 0.01lux @ F.12(AGC ON); B/W 0lux @ IR ON
Image Size	3000 x 3000 Usable Resolution
Electronic Shutter	1/5s to 1/20,000s
Lens	2.0mm
F No.	F 2.4 ±5%
IR Distance	Up to 50ft. (15m)
Slow Shutter	Yes
Day & Night	IR Cut Filter w/ Auto Switch
Wide Dynamic Range	Digital WDR
Digital NR	Yes (2D / 3D DNR)
BLC	Supported
ROI	Supported
VIDEO STREAM	
Max. Image Resolution	3000 x 3000 Usable Resolution
Frame Rate	Mainstream: 3000 x 3000, 2560 x 2560, 2160 x 2160, 1520 x 1520, 1080 x 1080, 720 x 720 Substream: 1080 x 1080, 720 x 720, 480 x 180, 240 x 240 Mobilestream: 480 x 240
Video Compression	H.265 / H.264
Video Bit Range	64Kbps~16Mbps (CBR / VBR Adjustable)
Image Settings	Rotate mode, Saturation, Brightness, Contrast, Hue, Sharpness adjustable
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
Network Storage	Network Remote Storage
Remote Monitoring	Web Browser Interface, AVYCON CVMS / CVMS 2.0
Online Connections	Supports Up to 10 Concurrent Users
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
AUDIO	
Audio Compression	G.711A / G.711Mu
Audio Bit-Rate	8Kbps~16Kbps
Audio I/O	Two-Way; 1(Mic-in) / 1(Mic-out)
Microphone	Yes
SYSTEM	
Alarm	Yes
Alarm I/O	1 / 1
Local Storage	TF, Built-in Micro SD Card Slot; Up to 128 GB
Smart Alarm	Motion Alarm, Sensor Alarm
PoE	Yes
Reset Button	Yes
GENERAL	
Supported Protocols	ONVIF Profile S & G
Input Voltage	DC 12V(±10%) / PoE(802.3af)
Power Consumption	≤7W
Ingress Protection	IP66
Working Environment	-22°~131° F (-30°~55° Celcius)
Working Humidity	10~90% (Non-Condensing)
Weight	0.88lbs
Dimensions	Ø4.72" x 2.17" (Ø120.0mm x 55.0mm)



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