NFF272

Single sensors, 360º Fisheye view,
6 Megapixels Resolution at 30 fps, WDR,
5M (15ft) IR Distance, ICR D/N, Compact
Elegant Design, Indoor Fisheye Network
Camera

6MP · **360° Fisheye View** · **D-WDR** · **Smart ICR** · **Audio** · **SD Card** · **-10°C~50°C** · **PoE**

Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional

- 1/1.8" Sony Progressive Scan CMOS Sensor
- Up to 6MP Resolution at 30 fps; Full HD 1080P at 60 fps
- 1/2" Fisheye Lens, 1.55 mm, F2.0
- IR Illuminator up to 5 Meters (16 ft)
- Smart ICR Function Removable IR Filter for Day and Night
- Edge Dewarping (which can reduce the workload of the backend system) and Software Dewarping
- Multiple Display Modes: Digital PTZ, Panoramic View, Quad View
- Quad Streams Compression: H.264 (Baseline/Main/High Profile), MJPEG
- Smart Event Functions: Audio Detection, Motion Detection, Network Failure Detection, Tampering Alarm
- Digital Wide Dynamic Range
- 2D/3D/Color Noise Reduction
- Region of Interest (ROI)
- Compact, Elegant Design
- Micro SD Card, NAS Recording
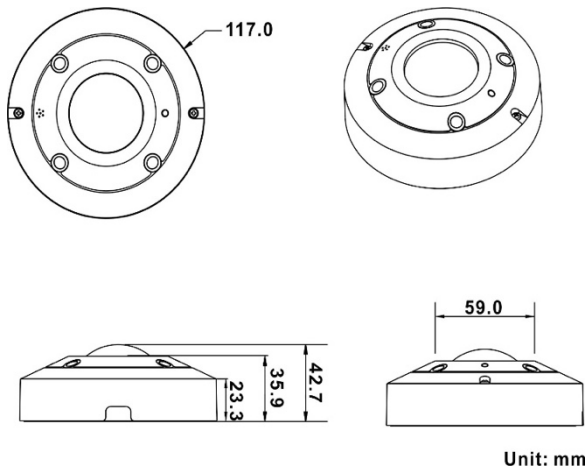- Audio I/O, Alarm I/O
- Supports ONVIF Protocol

Specifications

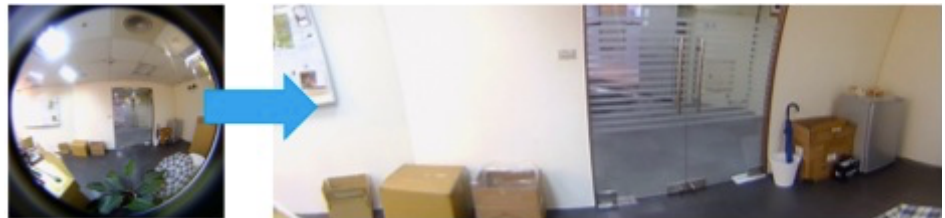| Camera: NFF271	
Image Sensor	1/1.8" Sony Progressive CMOS
Effective Pixels	6MP
Minimum Illumination	Color: 0.04 lux.; B/W: 0.002 lux.
Lens	
Lens Type	1/2" Fisheye Lens
Focal Length	1.55 mm
F number	F2.0
FOV	185°
Image Setting	
Backlight Compensation	On/Off
White Balance	Manual/AWB/ATW/One Push
Noise Reduction	3DNR/2DNR/ColorNR
Wide Dynamic Range	Digital WDR
Privacy Mask	On/Off
Picture Adjustment	Brightness, Sharpness, Contrast, Saturation, Hue (Manual Setting)
Exposure	Auto/Manual
ICR Day/Night	Auto/LED On/LED Off/Smart IR/Light Sensor
Shutter Speed	1 ~ 1/10,000 K sec.
Event Setting	
Motion Detection	By Schedule/On/Off
Tampering Alarm	By Schedule/On/Off
Network Failure	By Schedule/On/Off
Audio Detection	On/Off
Video	
Compression/Streaming	MJPEG/H.264 (Edge dewarping: dual streaming; SW dewarping: quad streaming)
Video Resolution	**Edge Dewarping: (**up to 30 fps**)** *H.264* - 2048x2048, 2688x1520, 2048x1536, 1920x1080, 1600x1200, 1408x1408, 960x960, 960x720, 960x554 *MJPEG* - 1920x1080, 1600x1200, 1408x1408, 960x960, 960x720, 960x554 **SW Dewarping: (**up to 60 fps**)** *H.264* - 6M (3072 x 2048), Full HD 1080P (1920 x 1080), SXGA (1280 x 960), HD 720P (1280 x 720), XGA (1024 x 768), SVGA (800 x 600), D1 (720 x 480), VGA (640 x 480), CIF (352 x 240), QVGA (320 x 240) *MJPEG* - Full HD 1080P (1920 x 1080), SXGA (1280 x 960), HD 720P (1280 x 720), XGA (1024 x 768), SVGA (800 x 600), D1 (720 x 480), VGA (640 x 480), CIF (352 x 240), QVGA (320 x 240)
Audio	
Audio Type	Two-way audio (Line in/Line out)
Compression	G.711/G.726/AAC/LPCM

Specifications

Network

Interface	RJ-45, 1Gbps Ethernet
Protocols	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Supported Web Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Security	HTTPS, IP Filter, IEEE 802.1X, 20 user accounts, password level: user & administrator
Event Notification	HTTP, FTP, SMTP

General

IR Illuminator	5 meters/16 ft (4 pcs of LED, 850nm wavelength)
Operating Temperature	-10°C to 50°C (14° to 122° F)
Humidity	10% to 90%, No Condensation
Alarm	4 pin terminal block
Micro SD Card	microSDXC 64GB
Power	DC12V: 8.1W; PoE (IEEE802.3af): 7.1W (IR: +1.9W)
Language	English, French, German, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Portuguese, Japanese, Spanish
Dimension	⌀ 117 x 42.7 mm (⌀ 4.6 x 1.68 in.)
Weight	330g (0.73 lb)
Regulatory	CE/FCC/RoHS

Dimension Drawing

117.0

42.7
35.9
23.3

59.0

Unit: mm

Multiple Display Mode

Wall mount

Ceiling