

# NFF271

Single sensors, 360° Fisheye view,  
6 Megapixels Resolution at 30 fps, WDR,  
5M (15ft) IR Distance, ICR D/N, Compact  
Elegant Design, IK10 Vandal Resistant,  
IP66 Weatherproof, Fisheye Network  
Camera



## 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 service.

At DivioTec, our experience is your protection.

- 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)
- IP66 Weatherproof
- IK10 Vandalproof
- Compact, Elegant Design
- Micro SD Card, NAS Recording
- Audio I/O, Alarm I/O
- Supports ONVIF Protocol

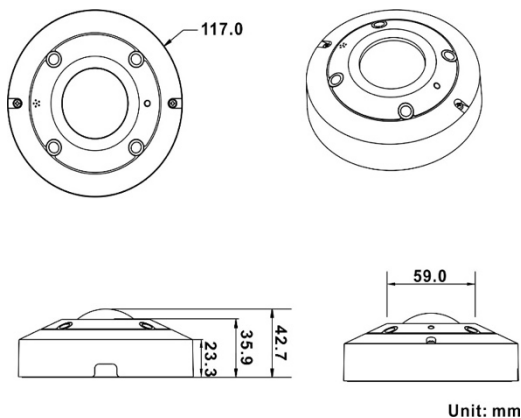
## Specifications

<b>Camera: NFF271</b>	
Image Sensor	1/1.8" Sony Progressive CMOS
Effective Pixels	6MP
Minimum Illumination	Color: 0.04 lux.; B/W: 0.002 lux.
<b>Lens</b>	
Lens Type	1/2" Fisheye Lens
Focal Length	1.55 mm
F number	F2.0
FOV	185°
<b>Image Setting</b>	
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.
<b>Event Setting</b>	
Motion Detection	By Schedule/On/Off
Tampering Alarm	By Schedule/On/Off
Network Failure	By Schedule/On/Off
Audio Detection	On/Off
<b>Video</b>	
Compression/Streaming	MJPEG/H.264 (Edge dewarping: dual streaming; SW dewarping: quad streaming )
Video Resolution	<p><b>Edge Dewarping:</b> (up to 30 fps)  <i>H.264</i> - 2048x2048, 2688x1520, 2048x1536, 1920x1080, 1600x1200, 1408x1408, 960x960, 960x720, 960x554  <i>MJPEG</i> - 1920x1080, 1600x1200, 1408x1408, 960x960, 960x720, 960x554</p> <p><b>SW Dewarping:</b> (up to 60 fps)  <i>H.264</i> - 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)  <i>MJPEG</i> - 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)</p>
<b>Audio</b>	
Audio Type	Two-way audio (Line in/Line out)
Compression	G.711/G.726/AAC/LPCM

## Specifications

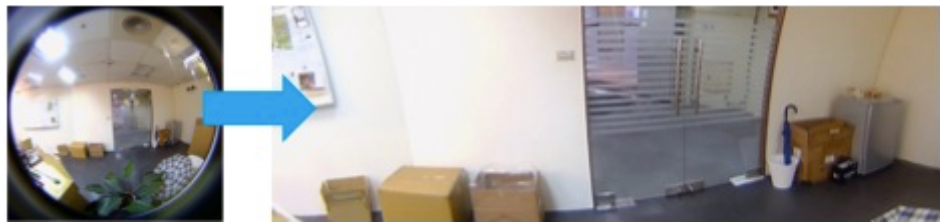
Network	
Interface	RJ-45, 1Gbps Ethernet
Protocols	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Supported Web Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Security	HTTPS, IP Filter, IEEE 802.1X, 20 user accounts, password level: 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
Weather Proof	IP66
Vandal Proof	IK10
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



## Multiple Display Mode

### Wall mount



### Ceiling mount



2017-4-17 released.  
The specification of subject are changed without notice.  
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