The FLIR 5MP Fisheye Dome IP Camera offers complete area coverage indoors or outdoors with configurable viewing options. H.265 delivers improved compression efficiency for significant hard drive space savings. Ultra WDR (up to 120dB) creates more detail in high-contrast scenes. The camera supports edge storage for recording flexibility and features a built-in microphone for audio monitoring.*

N258F5
5MP Fisheye Dome IP Camera

CONFIGURABLE FIELD OF VIEW & MULTI-ANGLE OPTIONS**
Broad area coverage and application specific views

• Ceiling, wall and table top specific viewing options

• User-customized views with compatible FLIR NVRs or browser

• Panoramic 360°/180° video surveillance offers full coverage for a range of applications

ADVANCED FEATURES
H.265 compression coupled with Region of Interest (ROI) optimizes video performance based on available bandwidth

• Advanced H.265 & Super H.264™ compression technology

• Edge storage support (MicroSD card) – up to 128GB

• Built-in microphone for audio recording*

RUGGED DESIGN
Installation in any outdoor conditions

• IP67 weatherproof

• -22°F/-30°C Cold Climate capable

• 12V DC / PoE (802.3af) operation

Onvif® | **S** **G**

Currently compatible with DNR700, DNR724, and DNR800 series NVRs only. To enable fisheye camera compatibility, ensure that the NVR is running the following firmware version:
- DNR700/800 series (excluding DNR724) – version 51 or later
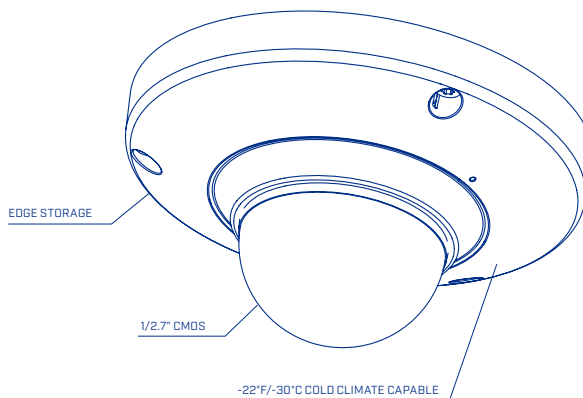- DNR724 – version 11 or later

Specifications

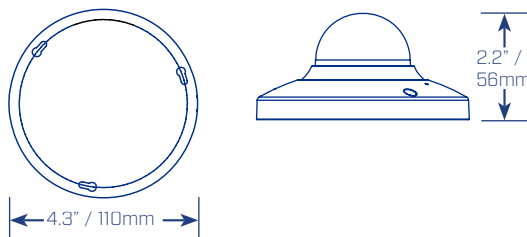| Camera	N258F5
Imaging Device	5MP, 1/2.7"
Effective Pixels	2592 (H) × 1944 (V)
Image Type	CMOS
Image Readout	Progressive Scan
Day / Night	Auto (ICR) / Color / B/W
Mechanical IR Cut Filter	Yes
Min. Illumination	0.3lux @ F1.6 (Color) 0.1lux @ F1.6 (B/W)
S/N Ratio	>47.3dB
Field of View (H)	180~0°
IR Illumination	N/A
IR On / Off Control	N/A
Video Output	RJ45
Electronic Shutter Range	1/3s ~ 1/100,000s
Optical	
Lens Type	Fixed
Mount Type	Board Type
Iris Type	Fixed Iris
Iris Control Type	AIS
Focal Length	1.4mm
Aperture	F2.0
Optical Zoom	N/A
Focus	Fixed
Video	
Video Compression	Advanced H.265 & Super H.264™ compression technology
Video Streams	H.265 / H.264 / MJPEG / Triple Stream
Resolution Selection	5MP (2592x1944) 3MP (2048x1536) UXGA (1600x1200) 1.3MP (1280x960)
Aspect Ratio	4:3
Frame rates (Maximum)	5MP@25fps 3MP/1080p/720p @ 25/30fps
Bit Rate Control	CBR / VBR
Bit Rate Selection	H.264H: 3072 ~ 10240Kbps H.265: 1024 ~ 8960Kbps
Quality Setting Range (default)	1-6 (6)
Region of Interest (selectable areas)	Yes (4)
Wide Dynamic Range	True WDR
Dynamic Range	Up to 120dB
Backlight Compensation	BLC / HLC
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR Advanced
Smart IR	N/A
Digital Zoom	N/A
Tamper Detection	N/A
Video Mirroring/Rotation	N/A
Video Overlay	Time / Date / Camera Name / Custom Text
Window Blanking (Privacy)	Up to 8 Areas
Menu Languages	English
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF Conformance	ONVIF Profile S / G
RTSP Video	Standard RFC2326 / Supports QuickTime/VLC Player / User Security Authentication (enable/disable)
Users	20 Users
Mechanical	
Material	Aluminum Alloy
Product Dimensions (Dia × H)	4.3" × 2.2" 110mm × 56mm
Product Weight	0.9lb / 0.4kg
Electrical	
Network Port	RJ45 (10/100 Base-T)
Analog Video Out (service only)	No
Power Input	12V DC / PoE
Power over Ethernet Type	PoE (802.3af)
Power Consumption	2.8W
Current Consumption	230mA

Additional Features	
Edge Storage	Yes / microSD Type (128GB max.)
Built-in Heater	No
Audio I/O	Built in microphone
Audio Encoding	G.711a / G.711Mu /G.726 / AAC
Alarm I/O	No
Environmental	
Storage Temperature	-22°F ~ +140°F / -30°C ~ +60°C
Storage Humidity	Less than 95% RH
Operating Temperature	-22°F ~ +140°F / -30°C ~ +60°C
Operating Humidity	Less than 95% RH
Cold Start Temperature	-22°F / -30°C
Ingress Protection	IP67 Rated
Vandal Resistance	N/A
Certifications	
Certifications	CE / FCC / RoHS

* Audio is disabled by default. Recording and / or use of listen-in audio without consent is illegal in certain jurisdictions. FLIR Systems, Inc. assumes no liability for use of its products that does not conform with local laws.

** This camera requires dewarping support in the NVR to operate correctly. Compatible NVRs include DNR700 and DNR800 Series.

EDGE STORAGE

1/2.7" CMOS

-22°F/-30°C COLD CLIMATE CAPABLE

Dimensions

2.2" / 56mm

4.3" / 110mm

Available Accessories:

For accessory / mount compatibility visit:
www.flir.com/security/cameramounts

Ordering Information

N258F5: 8-41430-01933-6

Package Dimensions

7.6" W × 7.6" H × 8.1" D / 194mm W × 191mm H × 204mm D
Weight: 1.5lb / 0.7kg

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