

# NEXT-GENERATION HYDROCARBON DETECTION



FLIR GF620  
OPTICAL GAS IMAGING CAMERA



# INNOVATION MEETS IMAGING: THE FLIR GF620

## SAVE LIVES, REVENUE, AND THE DAY WITH IMPROVED RESOLUTION AND NEW FEATURES

Armed with a high-resolution, 640 × 480 detector that visualizes gas leaks better than ever, surveyors can get right to work and find leaks up to nine-times faster than with traditional gas sniffer methods. Detect small leaks safely, meet compliance requirements, and save both time and money with the GF620 optical gas imaging camera.

### Designed for All-Day Use

Inspect longer with less fatigue thanks to comfort-driven features: the tiltable eyepiece, adjustable LCD screen, and rotating handgrip

### Calibrated to Measure Temperature

Temperature measurement is critical to improving thermal contrast during inspections, to ensure optimal Delta T between gases and the background

### Rugged and Reliable

With its rugged silicone exterior and drop-tested magnesium frame, the GF620 can easily withstand your tough work environment



## Streamlined Q-Mode Setup

Turning the dial to Q-Mode automatically sets the camera to sync with the QL320 system (sold separately), so you can begin quantifying gas emissions

## Improves Detection

Noise-reduction filtering and High Sensitivity Mode (HSM)—which accentuates plume movement—make even the smallest leaks easier to see

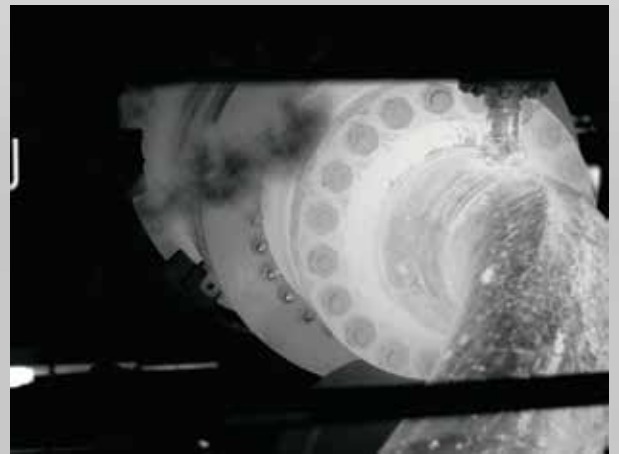


## More Pixels on Your Target

GF620 is the first handheld OGI camera from FLIR to feature a  $640 \times 480$  detector, for a 4x increase in pixels over previous models. Increasing the pixel-count within the field of view produces crisper images and videos, making it easier to pinpoint small leaks or to work from a safer distance.

## See More, Scan More

Avoid glare in daylight conditions by switching to the tiltable, high-resolution viewfinder.





## TRACK LEAKS TO THEIR SOURCE



Optical gas imaging allows you to work from a safe area to scan for signs of hazardous gas plumes. Then, move in closer to begin your complete inspection. Survey hard-to-reach connections and fittings without the risk of placing yourself in harm's way. Once you find the exact location of a leak, repair work can proceed quickly.

## MEET CHALLENGING REGULATORY STANDARDS



The FLIR GF620 helps facilities maintain compliance with challenging government regulations. It's verified to comply with and meet sensitivity standards defined by the US Environmental Protection Agency, including the OOOOa methane rule and Method 21 alternative work practices.

## QUANTIFYING LEAKS WITH GF620

PAIR THE GF620 WITH AN OPTIONAL QL320 SYSTEM TO MEASURE MASS OR VOLUMETRIC LEAK RATES

The GF620 is the first FLIR camera to offer a Quantification Mode (Q-Mode), which allows for faster post-processing of data with the QL320 software. This allows you to measure and confirm the size of leaks when surveying components that are difficult to measure or hard to access.

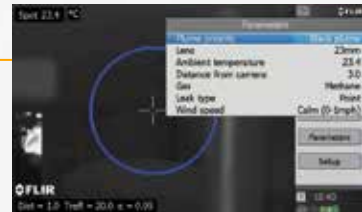
**Go to [flir.com/GF620](https://flir.com/GF620) to learn more.**



# EXPERT FEATURES FOR EXPERT NEEDS

## FORWARD-THINKING TOOLS

On-board GPS adds location data to each image and video, streamlining your work and aiding in regulatory compliance. Q-Mode is another time-saver—automatically preparing the camera for gas quantification with the QL320.

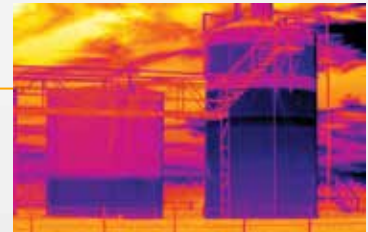


## VIDEO AND STREAMING OPTIONS

Record and store radiometric .seq files directly to the memory card, or stream full dynamic video directly to a PC. The camera also records visual images, which can be automatically associated with the corresponding IR Image and linked to non-radiometric video.

## MORE THAN JUST A GAS CAMERA

Put your investment to work checking electrical and mechanical systems for signs of failure. The GF620 is calibrated to measure temperatures up to 350°C (662°F) with  $\pm 1^\circ\text{C}$  accuracy, so you can check equipment for hot spots and avoid downtime from catastrophic repairs.



## THE FLEXIBILITY TO MEET YOUR CHANGING NEEDS



Whatever your industry, FLIR can help you customize the GF620 for a variety of industrial applications. From chargers and cables to hardware, FLIR offers an array of helpful accessories to ensure you get the most out of your GF620 camera.



## WORLD-CLASS SERVICE

The FLIR Instruments Camera Service Team provides top quality service and support for your GF620 camera, using internationally-recognized testing standards. The team offers maintenance and calibration plans that will help ensure your camera works consistently and keep downtime to a minimum.

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