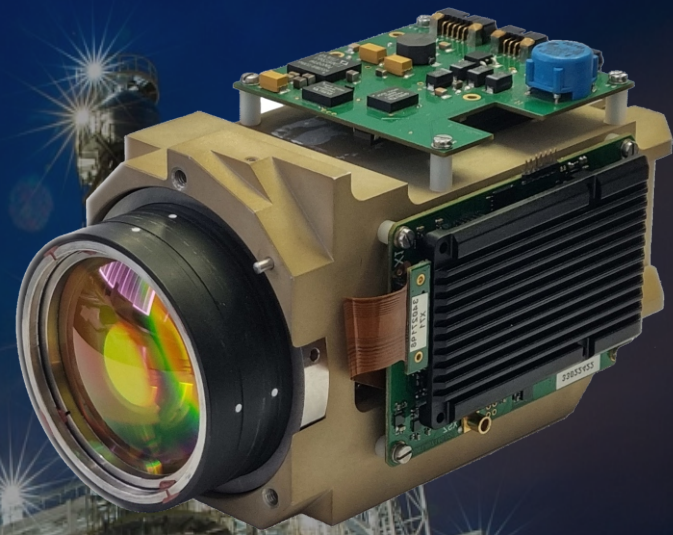


# GAS LEAKAGE INFRARED CAMERA GLC-90



## GAS LEAKAGE IMAGING MWIR THERMAL CCTV CAMERA GLC-90

GLC-90 is designed for both fixed and mobile continuous monitoring applications to detect methane and other gas leaks at chemical production facilities, refineries, pipelines, storage facilities, and other installations. Advanced optical technology makes these leaks visible, allowing operators to reduce emissions, increase safety and comply with regulations.

GLC-90 is used for visualizing and detecting gas leakage such as: Methane, Ethane, Propane, Butane, Pentane, Hexane, Heptane, Octane, Ethylene, Propylene, Isoprene, Methanol, Ethanol, Butanone, Benzene, Toluene, Xylene, Ethylbenzene etc.

### Applications

- Gas leakage detection systems
- Gas leakage visualization systems



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# Performance characteristics

Parameters	Characteristics
Spectral range	3 ... 5 $\mu\text{m}$
FPA type	cooled
Resolution	640x512
Pixel size	15 $\mu\text{m}$
Frame rate	30 Hz
NETD	< 25 mK (average on a frame)
Defective pixels	< 0,5 % Maximum def. Pixel size not more than 15
Additional options	<ul style="list-style-type: none"> <li>■ Auto exposure</li> <li>■ External synchronization</li> <li>■ Defective pixel correction</li> <li>■ Correction of geometric noise (one-point, two-point)</li> <li>■ Auto contrast</li> <li>■ Equalization of histogram</li> <li>■ DDE (Digital Detail Enhancement)</li> </ul>
Lens	fixed F/2, F/4, F/5.5 continuous zoom on request
Focal length	20mm, 50mm, 90mm
FOV	27° x 21° or 11° x 9° or 6° x 4.8°
Video interface	<ul style="list-style-type: none"> <li>■ Cameralink</li> <li>■ SDI</li> </ul>
Control interface	<ul style="list-style-type: none"> <li>■ RS-422</li> <li>■ USB 3.0</li> </ul>
Supply voltage	27 V (19 – 36 V)
Power consumption	< 30 W at cooldown < 20 W at steady state
Launching time	< 8 min at room temperature
Environmental temperature	-40 ... +60 °C
Dimensions	120x120x200mm
Weight	1,1 kg

