

ALMA

Mini Gimbal

THE NEXT GENERATION OF GAS LEAK DETECTION



The new Laser Methane Gimbal UAV payload is purposely designed to meet the current challenge in Europe of cost-efficiently detecting and quantifying tiny leaks currently only detectable by crews on the ground right at the source. The Laser Methane Gimbal is small and light enough to fly economically on DJI and other utility UAVs. The natural gas detection system is a micro version of our field-proven ALMA helicopter-based technology and an optional OGI camera.

In addition to improving the efficiency of detecting even the smallest leaks, this combination of methods fully meets the requirements of the EPA's OOOOa («Quad Oa») inspection for upstream and downstream assets.

Due to the fact that the EPA choose the optical gas imaging method instead of the sniffer based LDAR programs, we will provide cost and time savings for the difficult to reach inspections.



Day camera

Standard	FullHD
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OGI Camera

Core	HOT (high operating temperature) MWIR
VGA resolution	640 × 512; 15µm detector
Lens Options	20 mm / 50 mm

Remote Gas Leak Detector

Detection Distance	60 m
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Rangefinder

Range	100 m
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Payload

Weight	2 kg
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