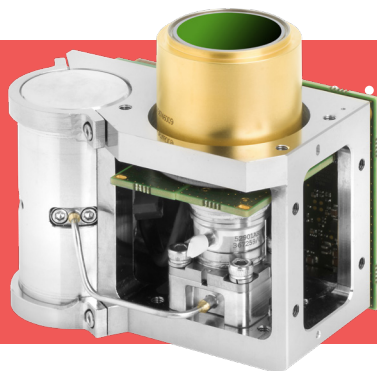




EOLE MW™

640 x 512 - 15µm
MWIR : 3.2 - 3.55µm

The EOLE MW™ product has been optimized for detecting Methane as well as other gases, including Methanol, Benzene and Ethanol. EOLE MW™ is suitable for portable and 24/7 applications.

The EOLE MW™ product is integrated into the new platform developed by LYNRED, which gives integrators the opportunity of creating a single design that can host different products to cover a range of multi-purpose applications.



HIGH SENSITIVITY



LOW POWER



EASY INTEGRATION



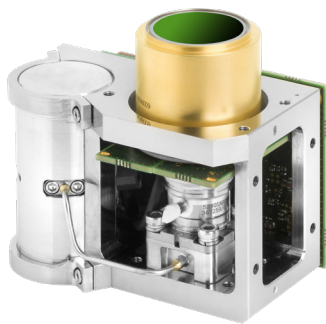
COMPACT & RELIABLE



GAS DETECTION



ORDERING REFERENCE: EOLE MW™



MULTI-PURPOSE



LOW POWER

For Hand Held applications



COMPACT

for Easily embedded on portable cameras or drones



HIGH SENSITIVITY

To be compliant with the new legislative rules



RELIABILITY

For 24/7 applications

THE NEW VGA SENSOR FOR OGI APPLICATIONS

PRODUCT

Spectral Band	■ 3.2μm to 3.55μm
Aperture (F/Number)	■ F/1.3
MTTF	■ 50 000 hrs in LYNRED's LifeProfile 1
NETD	■ < 25mK @50% well fill
FPA operability	■ > 99.5%
Cooler	■ Split Linear cryocooler: Ricor K588
Cool down time	■ < 360sec @ 20°C and 12 Vdc power supply

FRAME RATE

Minimum framerate	■ Typical 30Hz, from 15Hz to 60Hz
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FPA FEATURES

Well Capacity	■ 2.1 Me-
ROIC modes	■ Supports ITR and IWR integration modes
Windowing	■ ROI feature support, with 160 x 2 minimum size
Image flip	■ Horizontal and/or vertical image mirroring

INTERFACES

Video output	■ CameraLink® Base Mode
Communication	■ CameraLink® UART

ON-BOARD PERIPHERALS

Built-in test	■ Video test pattern, Power supplies monitoring
Product power supply voltage range	■ 12 Vdc typical
Product Power Consumption	■ Cooldown : < 10 Wdc @ 25°C ■ Steady state : < 3.4 Wdc @ 25°C, 30 Hz

PHYSICAL CHARACTERISTICS

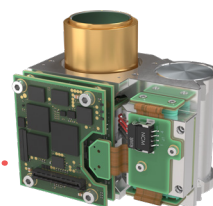
Maximum Outline dimensions (LxWxH)	■ 56 mm * 77 mm * 72.5 mm
Weight	■ 368 g

ENVIRONMENTAL

Operating temperature Range	■ [-40°C; +65°C]
Storage temperature Range	■ [-40°C; +71°C]

AVAILABLE SERVICES

LYNRED Toolbox™ (LTB)
Technical training and support
Also available in ATI EOLE MW™ with embedded image correction



LYNRED HEADQUARTERS DEVELOPMENT & PRODUCTION CENTER

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