



EyeCGas2.0[®]

EPA 0000a CERTIFIED

compliance verified by 3rd party

EyeCGas 2.0 OGI (Optical Gas Imaging) camera, manufactured by Opgal Optronics Industries LTD, was independently tested by the National Physical Laboratory (NPL) and found compliant with the requirements of EPA new source performance standards (NSPS) 40 CFR part 60, subpart 0000a.

To comply with the 0000a regulation, which is focused on reducing GHG and VOC emissions, the EyeCGas 2.0 optical gas imaging camera was verified to meet the following regulation requirements:

A

Capability of imaging gases in the spectral range for the compound of highest concentration in the potential fugitive emissions.

B

Capability of imaging a gas that is half methane, half propane at a concentration of 10,000 ppm at a flow rate of ≤ 60 g/hr from a quarter inch diameter orifice.

4 YEAR WARRANTY*



Key Features Include:

Sensitivity

NETD of <10 mK, it can detect leaks as small as 0.30g/hr (methane) and is fully certified to meet EPA (NSPS) 40 CFR part 60, subpart 0000a requirements.

Multi-Spectral Filters

Optional 3 operator replaceable filters; for VOC gases, for heavier alkanes (improved long-range detection) and for CO₂.

3rd Party Product Integration

Wireless integration with any 3rd party LDAR products (TVA2020/RMLD/EyeCSite and more) enabling quick and efficient surveys.

Connectivity

EyeCGas 2.0 offers live video streaming, wireless download and image or video transfer.

Certifications

- CSA C22.2 No. 213-M1987, First Edition: Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.
- IECEx EMT 19.0006X as Intrinsic Safety "ic", protection "n" EMT19ATEX0009X
- Ex II 3 GD
- ANSI/ISA-12.12.01-Nonincendive Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations,
- Ex ic nA nC IIC T6 Gc Tamb = -20 °C to +50 °C
- Ex ic IIIC T85 °C Dc Tamb = -20 °C to +50 °C

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