

# EyeCGas Mini

Compact Optical Gas Imaging Camera  
by OPGAL



Gas Leak Detection



Wireless Connectivity



Thermographic Imaging

## GAS LEAK DETECTION IN THE PALM OF YOUR HAND

RELEVANT APPLICATIONS



EyeCGas Mini ensures quick detection of methane leaks – making it the ideal cost-effective tool for LDAR solutions.

## WHY CHOOSE EYECGAS MINI?



Live Streaming



Image fusion (day and thermal) for improved orientation



Built-in GPS



Methane quantification (optional)

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EyeCGas®

[www.eyecgas.com](http://www.eyecgas.com)

[www.opgal.com](http://www.opgal.com)

OPGAL  
Beyond the Visible

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Compact Optical Gas Imaging Camera  
by OPGAL

## TECHNICAL SPECIFICATIONS

### IMAGE AND OPTICAL DATA

|                      |                            |
|----------------------|----------------------------|
| INFRA-RED RESOLUTION | 384 x 280                  |
| FOCAL PLANE ARRAY    | Uncooled Microbolometer    |
| SPECTRAL RANGE       | 7.5 – 8.2 $\mu\text{m}$    |
| DETECTOR PITCH       | 17 mm                      |
| THERMAL SENSITIVITY  | >50mK @ 25 °C              |
| GAS SENSITIVITY      | >10 gr/hr (Methane)        |
| FIELD OF VIEW        | 28.8° x 21.7° Manual Focus |
| FOCAL LENGTH         | 13mm                       |
| F#                   | 1.0                        |
| DIGITAL ZOOM         | Included                   |

### IMAGE PRESENTATION AND FRAME RATE

|                    |   |
|--------------------|---|
| IMAGE FREQUENCY    | 9 Hz IR, 30Hz Day   |
| DISPLAY            | OLED, 6 Inch, 1080x2160 pixels, 16 M Colors, Touch-screen |
| DAY DIGITAL CAMERA | 12 MP   |
| IR COLOR PALLETS   | Hot White / Hot Black / Iron /Rainbow / Grey / Vivid      |
| IMAGE MODES        | Fusion, Picture in Picture                                |
| VIDEO STREAMING    | To all platforms (PC, Android, IOS)                       |
| IMAGE FREQUENCY    | 9 Hz IR, 30Hz Day   |
| IMAGE FORMAT       | JPEG, MP4   |

### GENERAL

|                      |                       |
|----------------------|-----------------------|
| THERMOGRAPHY         | 10 -85 °C             |
| ACCURACY             | $\pm 2$ °C            |
| DATA STORAGE         | 128 GB                |
| INTERFACE            | Bluetooth, Wi Fi      |
| DISTANCE MEASUREMENT | Included              |
| GPS                  | Included              |
| SIZE                 | 180 mm x 80mm x 60 mm |
| WEIGHT               | 600 gr                |
| OPERATING TIME       | >5 hours              |
| CHARGING             | Standard USB C port   |

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