Fast and effective gas leak detection is essential for keeping employees, the environment and property safe. EyeCGas® 2.0 ensures quick identification of methane and volatile organic compound (VOC) leaks for rapid and effective repair, guaranteeing safety while saving time and costs.

- **WIRELESS**
  Built-in WiFi enables live video streaming and video download for better connectivity.

- **SAFETY CERTIFICATIONS**
  Authorized for hazardous locations to provide better safety.
  - ATEX Zone 2
  - ANSI and CSA Class I and Class II Div 2

- **HIGH SENSITIVITY**
  Improved sensitivity for small leak detection, 3rd party certification for EPA OOOOa compliance.

- **THERMOGRAPHIC IMAGING**
  Temperature measurement capabilities and color pallets for better versatility.

- **LDAR READY**
  Innovative built-in LDAR capabilities provide better operability.
  1. Integration with leading LDAR software during inspection routes
  2. Real time component tag synchronization
  3. Built-in for geo-tagging
  4. Patent protected integration with PID/FID Method 21 analyzers to enable Smart LDAR

- **EYECGAS BACKWARD COMPATIBILITY**
  Easy upgradability from older EyeCGas® cameras into EyeCGas® 2.0 enables better maintainability.

- **MEDIA RECORDING AND STORAGE**
  Integral 64Gb solid-state memory, snapshot button, and HD color camera enable better usability.
## SPECIFICATIONS

<table>
<thead>
<tr>
<th><strong>Gases Detected</strong></th>
<th>400+ compounds such as: Methane, Acetic acid, Benzene, Butadiene, Butene, Butane, Dimethyl-Benzene, Ethane, Ethylene, Ethyl benzene, Ethylene oxide, Hexane, Heptane, Isobutylene, Isopropyl alcohol, Isoprene, Methanol, MEK Methyl Ethyl Ketone, Octane, Pentene, Propane, Propanal, Propanol, Propylene, Propylene oxide, Styrene, Toluene, Xylene</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detector Type</strong></td>
<td>Cooled high sensitivity MCT, 320 x 240 pixels</td>
</tr>
<tr>
<td><strong>Spectral Range</strong></td>
<td>Default for VOC 3.2μm to 3.4μm Optional filter for heavier alkanes 3.3μm to 3.5μm</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>NETD &lt;10mK @ 25°C Minimum Detectable Leak Rate of 0.35 gr/hr. (Methane)</td>
</tr>
<tr>
<td><strong>Optics</strong></td>
<td>18.5° x 13.6° with 30mm lens, F# 1.1, manual focus</td>
</tr>
<tr>
<td><strong>Imaging Modes</strong></td>
<td>Normal IR, Enhanced, Thermography, and Visible Spectrum</td>
</tr>
<tr>
<td><strong>Thermography</strong></td>
<td>Spot temperature measurement, 6 color palettes</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>WiFi (2.4 GHz), Bluetooth, and Ethernet over USB</td>
</tr>
<tr>
<td><strong>Physical Properties</strong></td>
<td>230mm x 110mm x 130mm (9” x 4.3” x 5.1”) / 2.3kg (5lbs) w/o battery</td>
</tr>
<tr>
<td><strong>Batteries</strong></td>
<td>Field replaceable, 12V Li-ion, 4.5+ continuous operating hours</td>
</tr>
</tbody>
</table>
| **Hazardous Locations Safety Certifications** | Ex II 3G EX nL IIC T6  
UL1604 Class I and II Div 2, and Class III  
CSA C22.2 No. 213-M1987, Class I Div 2  
ANSI/ISA-12.12.01 Class I and II Div 2, and Class III |
| **Other Certifications** | IP65 water and dust protection  
FCC Class A and EN61000-6, EN301489  
EMI and RFI  
General Safety EN 62368, EN 621333  
Shocks & Vibrations  
EPA OOOOa 3rd party certification |
| **LDAR Ready**     | Bluetooth integration with TVA2020 and Phx42 analyzers  
IR & HD color Jpeg Snapshot, Audio narration, GPS coordinates overlay |

### Product Kit and Accessories

<table>
<thead>
<tr>
<th><strong>Standard Camera Kit</strong></th>
<th>EyeCGas® camera, 2 batteries, battery charger, cables, neck strap, glare shield, PC software, carrying case</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Optional Accessories</strong></td>
<td>75mm telephoto lens, battery, bluetooth ATEX headset, heavier alkanes filter kit</td>
</tr>
</tbody>
</table>

![Normal Mode](image1)  
![Enhanced Mode](image2)  
![Thermography Mode](image3)

---

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.