EyeCGas 2.0 is a rugged, OOOOa compliant, hand-held camera that uses thermal imaging technology for the detection of gas leaks and fugitive emissions.

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
1. ATEX Zone 2
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.

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.
### Gases Detected
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, MEEK Methyl Ethyl Ketone, Octane, Pentene, Propane, Propanal, Propanol, Propylene, Propylene oxide, Styrene, Toluene, Xylene

### Detector Type
Cooled high sensitivity MCT, 320 x 240 pixels

### Spectral Range
Default for VOC 3.2μm to 3.4μm
Optional filter for heavier alkanes 3.3μm to 3.5μm

### Sensitivity
NETD <10mK @ 25°C
Minimum Detectable Leak Rate of 0.35 gr/hr. (Methane)

### Optics
18.5° x 13.6° with 30mm lens, F# 1.1, manual focus

### Imaging Modes
Normal IR, Enhanced, Thermography, and Visible Spectrum

### Thermography
Spot temperature measurement, 6 color palettes

### Connectivity
WiFi (2.4 GHz), Bluetooth, and Ethernet over USB

### Physical Properties
230mm x 110mm x 130mm (9” x 4.3” x 5.1”) / 2.3kg (5lbs) w/o battery

### Batteries
Field replaceable, 12V Li-ion, 4.5+ continuous operating hours

### 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
**Standard Camera Kit**
EyeCGas® camera, 2 batteries, battery charger, cables, neck strap, glare shield, PC software, carrying case

**Optional Accessories**
75mm telephoto lens, battery, bluetooth ATEX headset, heavier alkanes filter kit