The Gas DetectIR LW infrared camera is a high performance thermal imager capable of visualizing and accurately pinpointing the source of SF6 and other uncontained gases. Features an HD OLED tiltable viewfinder with a rotatable 4.3” (640x480) LCD screen. The camera is light weight, making it great for remote or convenient on-site observation. The Gas DetectIR LW gas camera is rechargeable with 3 hours of continuous operation as well as USB 2.0 charging. HDMI video Output and 60 seconds of voice annotation per image makes report creation a breeze. Includes ICI Reporting Software.

**Features**

- Unmatched Gas Detection
- Detects over 15 Gases
- 60 Seconds Voice Annotation per Image
- Multiple Video Output Options
- Rotatable 4.3” (640x480) LCD screen
- Tiltable High-Definition Viewfinder
- Rechargeable Battery (12 V DC/AC)
- Compact / Portable
- Includes ICI Reporting Software

**Specifications**

- Detector Array: Cooled QWIP
- Pixel Resolution: 320x240
- Spectral Band: 8 μm to 14 μm
- Thermal Sensitivity (NETD): < 0.02 °C at 30 °C (20 mK)
- Frame Rate: 60 Hz P-Series
- FOV: 11° x 8.8’’
- Dynamic Range: 16-bit
- Temperature Range: -20°C to 350°C
- Operation Range: -40°C to 45°C
- Storage Range: -40°C to 70°C
- Accuracy: ± 1°C
- Pixel Operability: > 99 %
- Dimensions (with lens): 146 x 140 x 292 mm (H x W x D ± .5 mm)
- Encapsulation: IP 54, IEC 529
- Video Output: S-video / HDMI
- Weight: ≤ 3 kg including Battery
- Battery: Li-ion, 12 V DC/ AC Adapter
  - Rechargeable, Replaceable
- Operation Time: ≥ 3 Hours
- Zoom: 1-8x Continuous
- Interface: USB 2.0
- Image Storage: SD Card up to 32 GB
- Voice Annotation: 60 seconds per image
- Screen: 4.3”, LCD Screen
- Focus: Automatic / Electronic
- Start Up Time: ≤ 5 minutes
- Digital Camera: 5 MP

**Detectable Gases**

- Sulfur hexafluoride
- Ammonia
- Ethyl cyanoacrylate
- Chlorine Dioxide
- Acetic Acid
- Methyl Ethyl Ketone
- Ethylene
- Acetyl chloride
- Methyl silane
- Acrolein
- Propylene
- Allyl fluoride
- Trichlorethylene
- Uranyl fluoride bromide
- Vinyl Chloride
- Acrylonitrile
- Vinyl ether

**Lens & Software Options**

- Includes ICI Viewing Software
- Windows 32-bit SDK
- Linux SDK (x86, x64 and ARM)