

GAS DETECTIR LW

The Gas DetectIR LW infrared camera is a high performance thermal imager capable of visualizing and accurately pinpoints the source of SF6 and other uncontained gases. Features an HD OLED tiltable viewfinder with a rotatable 4.3" (640 x 480) 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" (640 x 480) LCD screen
- Tiltable high-definition viewfinder
- Rechargeable battery (12 V DC/AC)
- Compact / portable
- Includes ICI reporting software

Gases Detected

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

Options & Accessories

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

Specifications

- **Detector Array:** Cooled QWIP
- **Focus:** automatic / electronic
- **Pixel Resolution:** 320 x 240
- **Spectral Band:** 8 μ m to 14 μ m
- **Thermal Sensitivity (NETD):** < 0.02 $^{\circ}$ C at 30 $^{\circ}$ C (20 mK)
- **Frame Rate:** 60 Hz
- **Dynamic Range:** 16-bit
- **Temperature Range:** -20 $^{\circ}$ C to 350 $^{\circ}$ C
- **Operation Range:** -40 $^{\circ}$ C to 45 $^{\circ}$ C
- **Storage Range:** -40 $^{\circ}$ C to 70 $^{\circ}$ C
- **Humidity:** 5% to 95% non-condensing
- **Accuracy:** \pm 1 $^{\circ}$ C
- **Pixel Operability:** > 99 %
- **Dimensions (without lens):** 292 mm x 140 mm x 146 mm (L x W x H \pm .5 mm)
- **Power:** 12V DC/ AC adapter
- **Battery:** Li-ion, rechargeable, replaceable
- **Operation Time:** \geq 3 Hours
- **Start Up Time:** \leq 5 minutes
- **Weight:** \leq 3 kg
- **Interface:** USB 2.0
- **Video:** S-video / HDMI
- **Image Storage:** SD Card up to 32 GB
- **Emmissivity Correction:** 0.1 to 1.0
- **Screen:** 4.3", LCD screen
- **Digital Camera:** 5 MP
- **Zoom:** 1x - 8x Continuous
- **Voice Annotation:** 60 seconds per image
- **Protection:** IP 54, IEC IEC 529
- Built in shutter
- **ICI IR Flash Software Requirements:**
 - Processor: i5 or above
 - RAM: 4 GB or above
 - OS: Windows 8/8.1/10
 - Hard Drive: 256 GB or above



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