

# SENSIT<sup>®</sup> LZ30

## REMOTE METHANE DETECTOR

**2** INDUSTRY LEADING  
YEAR WARRANTY

- ✓ Methane Selective
- ✓ IS Approved - UL, CSA
- ✓ Continuous Detection up to 100Ft
- ✓ Visual, Audible & Tactile Alarms



COMPATIBLE WITH



# SENSIT



Optics by **ACUTECT**



# SENSIT<sup>®</sup> LZ30

## REMOTE METHANE DETECTOR

**QUICKLY AND SAFELY DETECT METHANE GAS LEAKS IN DIFFICULT TO REACH AREAS.**



The **LZ30** from SENSIT Technologies is a compact methane specific leak detector that provides fast and accurate readings at distances up to 100 feet.

The **LZ30** utilizes TDLAS (tunable, diode laser absorption spectroscopy) technology to provide instantaneous and accurate responses to the presence of methane.

Designed to be competitively priced, the **LZ30** is perfect for hard to reach areas, eliminating the need to directly access the gas plume, climb to elevated areas, access fenced-in property and potentially hazardous situations through windows.

**SMART-LINK LIVE** application meets the growing demand for tracking and traceability. It allows the user to keep their eyes on the target while data streaming from the **LZ30** is captured within the application. The application logs date, time, GPS coordinates and gas measurements. Sessions can be exported from the phone/tablet in multiple formats. With built-in picture capture, the user can associate any reading with a picture or even report a corrosion issue.

### STANDARD FEATURES

|                                            |                                                                      |
|--------------------------------------------|----------------------------------------------------------------------|
| Methane Selective                          | Rechargeable Battery                                                 |
| Continuous Detection                       | Low Cost of Ownership                                                |
| Adjustable Alarm Points (Visual & Audible) | Industry Leading 2-year Warranty (Including Battery)                 |
| Intrinsically Safe Design                  | <b>SMART-CAL 360</b> Compatible (Automatic Calibration/Bump Testing) |
| Ergonomic Design                           | <b>SERVICE 360</b> Compatible (Firmware Updates)                     |
| Easy to Maintain                           | <b>SMART-LINK 360</b> Compatible (Download Logs)                     |
| Cal Cell Integrated in Carrying Case       | <b>GIS 360</b> Compatible (Real-Time Mapping/Logging)                |

### APPLICATIONS

#### Natural Gas Industry

Upstream | Midstream | Downstream

#### Emergency Response

Fire, Hazmat & Rescue

#### Industrial

Steel Industry | Petrochemical Facilities | Paper & Pulp Production

Many More!



## STANDARD KIT

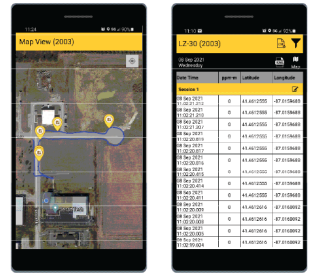
Hard Carrying Case  
Integrated Calibration/Bump Test Cell  
Charger Base with Wall Transformer  
Protective Boot  
Wrist Strap  
Instruction Manual

## LANGUAGES SUPPORTED

English | French | German | Italian | Polish | Spanish

## SMART-LINK LIVE

- ✓ Free 30-day Trial
- ✓ Route mapping (GPS Coordinates, PPM•M, Date/Time)
- ✓ Real Time Tracking
- ✓ Capture (Pictures/Videos)
- ✓ Exportable  
(.CSV/.PDF/.KML File Formats)
- ✓ Session Naming
- ✓ Data Filtering
- ✓ Built-in Database  
w/Backup
- ✓ Android & iOS Support



## PRODUCT SPECIFICATIONS

|                                      |                                          |                                 |                                                                                                         |
|--------------------------------------|------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Size:</b>                         | 164mm (6.5") x 78mm (3.0") x 36mm (1.5") | <b>Communication:</b>           | Bluetooth. Supported by Android & iOS                                                                   |
| <b>Weight:</b>                       | 300g (0.7lbs)                            | <b>Laser Classification:</b>    | IR laser (methane detection) Class 3R<br>Target laser (green) Class 3R<br>Distance laser (red) Class 3R |
| <b>Operational Temp:</b>             | -20C to 45C (-4F to 113F)                | <b>Calibration/Bump Test:</b>   | Carrying case incorporates calibration/bump test cell.                                                  |
| <b>Storage Temp:</b>                 | -40C to 60C (-40F to 140F)               | <b>Detection Technology:</b>    | Tunable Diode Laser Absorption Spectroscopy (TDLAS)                                                     |
| <b>Storage/Operational Humidity:</b> | ≤98% non-condensing                      | <b>Methane Detection Range:</b> | 0-50,000ppm-m in 1ppm-m increments                                                                      |
| <b>Power:</b>                        | Internal Lithium Ion                     | <b>Sensitivity:</b>             | 5ppm-m ≤15m (50ft)/10ppm-m ≤30m (100ft) @ > 300ppm-m                                                    |
| <b>Battery Life:</b>                 | 6.5 Hours Continuous                     | <b>Response Time:</b>           | < 0.1 seconds                                                                                           |
| <b>Recharge Time:</b>                | 3 to 4 Hours                             | <b>Detection Distance:</b>      | 0.5m to 30m (1.5' to 100')<br>Distance may vary depending on reflection                                 |
| <b>Intrinsic Safety:</b>             | UL   CSA                                 | <b>Distance Indicator:</b>      | 0.2m to 30m (6" to 100')<br>Range may vary depending on reflection                                      |
| <b>Enclosure:</b>                    | IP64                                     | <b>Beam Dimension:</b>          | Conical, 20cm diameter at 30m (8" at 100')                                                              |
| <b>Display:</b>                      | OLED                                     | <b>Alarms:</b>                  | Adjustable threshold alarm with baseline: Visual, audible, and tactile                                  |
| <b>Calibration Accuracy:</b>         | ±10%                                     | <b>Warnings:</b>                | High/Low reflection, low battery                                                                        |

# SENSIT<sup>®</sup> LZ30

## REMOTE METHANE DETECTOR

### ACCESSORIES & REPLACEMENT PARTS



**Hard Carrying Case with Foam**  
Part # 872-00035



**Protective Boot**  
Part # 870-00098



**Calibration / Bump Test Cell**  
Part # 882-00150-SN



**Charging Kit with Power Supply**  
Part # 871-000??  
For IS Units



**Wrist Strap**  
Part # 360-00040



**Training Cells with Case**  
Part # 882-00161



**Instruction Manual**  
Part # 750-00096

**Charging Base**  
Part # 871-00098  
For IS Units  
**Power Supply for Charging Base**  
Part # 871-00078

# SENSIT

851 Transport Drive  
Valparaiso, IN 46383-8432  
Toll Free: 888 4SENSIT  
Phone: 219 465 2700  
Fax: 219 465 2701  
[www.gasleaksensors.com](http://www.gasleaksensors.com)



SENSIT Technologies  
is an ISO 9001:2015 certified company.



Distributed by: \_\_\_\_\_