The Accenture Life Safety Solution (ALSS) is a wireless, real-time solution which continuously monitors a worker’s exposure to gas and their location while in a plant environment using the Ventis LS multi-gas detector. Exclusive to the ALSS, the Ventis LS:

- Detects one to four gases including H₂S, O₂, LEL, CO, SO₂ and NO₂
- Transmits gas level and alarm information over a WiFi network
- Sends an alert to a central console if the worker activates the instrument’s panic button or lack of motion is detected
- Enables a worker’s location to be pinpointed in real time at a central console
- Operates on iNet – Industrial Scientific’s unique Gas Detection as a Service solution

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>18109031-0BC</td>
<td>DS2 Docking Station™ for Ventis LS</td>
</tr>
<tr>
<td>B = Quantity of iGas® Reader:</td>
<td></td>
</tr>
<tr>
<td>0 = None</td>
<td></td>
</tr>
<tr>
<td>1 = 1 iGas® Reader</td>
<td></td>
</tr>
<tr>
<td>2 = 2 iGas® Readers</td>
<td></td>
</tr>
<tr>
<td>3 = 3 iGas® Readers</td>
<td></td>
</tr>
<tr>
<td>C = Power Cord: 0 = US, 1 = UK, 2 = EU, 3 = AUS, 4 = ITA, 5 = DEN, 6 = SWZ</td>
<td></td>
</tr>
<tr>
<td>17153430</td>
<td>Calibration Cup</td>
</tr>
<tr>
<td>18108191</td>
<td>Single-Unit Charger</td>
</tr>
<tr>
<td>18108651</td>
<td>Single-Unit Automotive Charger, 12VDC, with Plug</td>
</tr>
<tr>
<td>18108652</td>
<td>Single-Unit Truck-Mount Charger, 12VDC, with Plug</td>
</tr>
<tr>
<td>18108653</td>
<td>Single-Unit Truck-Mount Charger, 12VDC, Hard Wired</td>
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<tr>
<td>18108650-A</td>
<td>6-Unit Charger – A = Power Cord: 0 = US, 1 = UK, 2 = EU, 3 = AUS, 4 = ITA, 5 = DEN, 6 = SWZ</td>
</tr>
<tr>
<td>18108950</td>
<td>External Battery Charge Adaptor</td>
</tr>
<tr>
<td>18108144</td>
<td>Ventis LS Hand Pump (manual bulb)</td>
</tr>
<tr>
<td>17134461</td>
<td>Replacement Sensor, Oxygen (O₂)</td>
</tr>
<tr>
<td>17134479</td>
<td>Replacement Sensor, Hydrogen Sulfide (H₂S)</td>
</tr>
<tr>
<td>17134487</td>
<td>Replacement Sensor, Carbon Monoxide (CO)</td>
</tr>
<tr>
<td>17134495</td>
<td>Replacement Sensor, Combustible Gas (LEL/CH₄)</td>
</tr>
<tr>
<td>17134503</td>
<td>Replacement Sensor, Nitrogen Dioxide (NO₂)</td>
</tr>
<tr>
<td>17134595</td>
<td>Replacement Sensor, Sulfur Dioxide (SO₂)</td>
</tr>
<tr>
<td>VLSB-101</td>
<td>Replacement Standard Li-ion Battery, Black, UL/CSA/ATEX/IECEx</td>
</tr>
<tr>
<td>VLSB-201</td>
<td>Replacement Li-ion Extended Range Battery, Black, UL/CSA/ATEX/IECEx</td>
</tr>
</tbody>
</table>

The Gas Detection People
www.indsci.com
**Case Material:**
Polycarbonate with Protective Rubber Overmold

**Dimensions:**
133mm x 73mm x 56mm (5.24” x 2.87” x 2.2”)

**Weight:**
- 256 g (9 oz) - Ventis LS, Lithium-ion Battery Version (typical)
- 304 g (10.7 oz) - Ventis LS Extended Lithium-ion Battery Version (typical)

**Operating Temperature Range:**
-20°C- 50°C (-4°F-122°F) typical

**Operating Humidity Range:**
15%-95% Non-condensing (continuous) typical

**Display/Readout:**
Backlit Liquid Crystal Display (LCD)

**Power Source/Run Time:**
Rechargeable Lithium-ion Battery Pack
(12 hours typical @ 20°C) - Ventis LS
Rechargeable Extended-Range Lithium-ion Battery Pack
(20 hours typical @ 20°C) - Ventis LS

**Sensors:**
- Combustible gases/methane - Catalytic Diffusion
- O₂, CO, H₂S, NO₂, SO₂ - Electrochemical

**Panic and Man Down Alarm:**
- Panic alarm - triggered by user surpressing red panic button
- Man down alarm - triggered by lack of motion at user - defined interval.
- Local alarm with ultra-bright LEDs, loud audible alarm (95dB at 30 cm) and vibrating alarm
- Remote alarm via WiFi to central console

**Wireless**
Remote gas readings

**Location**
Accuracy within 20 feet

**Measuring Ranges:**
- **Combustible Gases:** 0-100% LEL in 1% increments
- **Methane (CH₄):** 0-5% of vol. in 0.01% increments
- **Oxygen (O₂):** 0-30% of vol. in 0.1% increments
- **Carbon Monoxide (CO):** 0-1,000 ppm in 1 ppm increments
- **Hydrogen Sulfide (H₂S):** 0-500 ppm in 0.1 ppm increments
- **Nitrogen Dioxide (NO₂):** 0-150 ppm in 0.1 ppm increments
- **Sulfur Dioxide (SO₂):** 0-150 ppm in 0.1 ppm increments

**Certifications:**
- UL
  - Class I, Division 1, Groups A B C D, T4
  - Class II, Groups F G (Carbonaceous & Grain Dust)
  - Class I, Zone 1, AEx ia d IIC
  - IP66
  - IP67
- ATEX
  - Ex d ia I Mb / Ex d ia IIC T4 Gb;
    - Equipment Group and Category I M2 and II 2G
  - IP66
  - IP67
- IECEx
  - Ex d ia IIC T4 Gb
  - IP66
  - IP67
- CSA
  - Class I, Division 1, Groups A B C D, T4, Exia
  - C22.2 No. 152
  - Ex d ia IIC T4

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ISO 9001:2008 CERTIFIED
ISO 14001:2004 CERTIFIED

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