**Product range**

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>zc-pir-5m</td>
<td>DALI-2 PIR sensor, 5 m detection area</td>
</tr>
<tr>
<td>zc-pir-8m</td>
<td>DALI-2 PIR sensor, 8 m detection area</td>
</tr>
</tbody>
</table>

**Specifications**

- **Supply voltage**: 9.5 - 22.5 V dc (supplied from DALI)
- **Supply current**: 8 mA
- **Control system**: DALI-2
- **Receiver start-up time**: 100ms
- **Transmitter start-up time**: 1000ms
- **Sensors**: PIR, ambient light
- **Operating temperature**: 0 to 45°C
- **Lens**: Fresnel
- **Wiring**: 2x0.5 mm², 1.3 m flylead
- **Ingress protection**: IP20
- **Material**: PC (body)

**Installation**

Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, do not install the product. Please return it to the place of purchase for replacement.

If the product is satisfactory, proceed with the installation:

1. Choose a location considering the conditions listed in the detection pattern section.
2. Drill mounting hole in desired position using 44 mm hole saw.
3. Push the spring clips in as per fig 1. Insert sensor into the desired position and the spring clips will automatically release, ensuring that the sensor is secure and flush against the ceiling.
4. Connect the 2x0.5 mm² lead to the DALI line ensuring wiring regulations are followed. DALI is not polarised. DALI is not SELV and as such must be treated as LV. Do not connect the sensor to any mains voltages.

**Safety information**

- This product must only be installed by a licensed electrician.
- Before commencing installation turn off and isolate the electrical supply.
- There are no user serviceable parts, attempting to service any part of the product will void the warranty.
- The sensor must not be connected to any mains. It is powered directly from the DALI line.
- DALI is not SELV and as such should be treated as LV.
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. Refer to application standards for the relevant rules.
- When the installation is complete, leave this manual with the building’s owner for future reference.
Usual

**Ambient light level sensing**
Measurements between 0 - 10,000 lux
Set points and trigger levels controlled by DALI-2 application controller

**Time-out actions and events**
Configuration dependent on DALI-2 application controller

## Detection pattern

<table>
<thead>
<tr>
<th>Order code</th>
<th>Range ø</th>
<th>Mounting height</th>
</tr>
</thead>
<tbody>
<tr>
<td>zc-pir-5m</td>
<td>5 m</td>
<td>2.7 m</td>
</tr>
<tr>
<td>zc-pir-8m</td>
<td>8 m</td>
<td>10 m</td>
</tr>
</tbody>
</table>

- The detection range of the unit may alter with changes in ambient temperature.
- Position sensor so that movement occurs across the scan area. When walking directly towards or away from the sensor the detection range will be reduced.
- Do not direct sensor at reflective surfaces or variable heat sources i.e. windows or air conditioners.
- Do not aim the sensor directly at the sun as this may cause damage to the PIR sensor.

## Accessories range

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>zc-pir-rs-kit</td>
<td>PIR sensor recess mount kit</td>
</tr>
<tr>
<td>zc-pir-cd-kit</td>
<td>PIR sensor conduit mount kit</td>
</tr>
<tr>
<td>zc-pir-sm-kit</td>
<td>PIR sensor surface mount kit</td>
</tr>
</tbody>
</table>