

IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

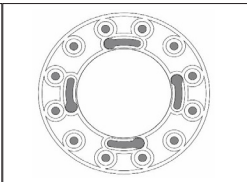


1. Do not use outdoors.
2. Do not mount near gas or electric heaters.
3. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
4. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
5. Do not use this equipment for anything other than its intended use.
6. The installation must only be performed by a licensed electrician.
7. To prevent death, injury or damage to property, this product must be installed in accordance to National Electrical Code (NFPA70) in the US or Canadian Electrical Code (CSA 22.1) in Canada.
8. Disconnect power before installing the product or servicing it.

What's In The Box



One (1) IMS3PIR##M

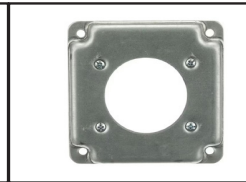


One (1) Mounting Plate

Required for Installation



One (1) 4" x 4" Junction Box



One (1) Cover Plate

Tools Needed

A screwdriver will be needed to install the IMS3PIR##M.



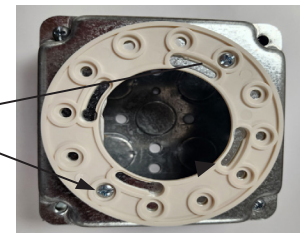
- 1 Carefully unpack the switch from its packaging. Inspect product for defect due to shipping.

The sensor requires a 4" x 4" junction box and 4" square cover for receptacle (RS13-10 or similar) for installation.

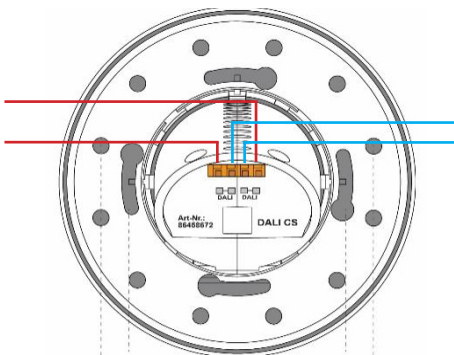
Pre-install the junction box and cover at the desired location. Pull the DALI wires out through the opening of the cover.

- 2 Install mounting plate on to cover by removing two of the screws and inserting them through the screw holes in the mounting plate. Tighten the screws until the mounting plate is fully seated.

Screw Locations

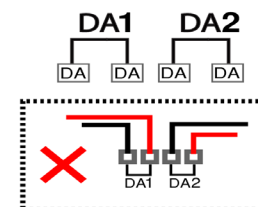
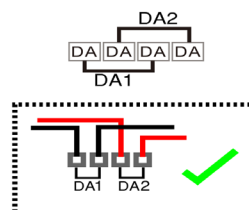


- 3 Connect wiring by poking into sensor terminal blocks.

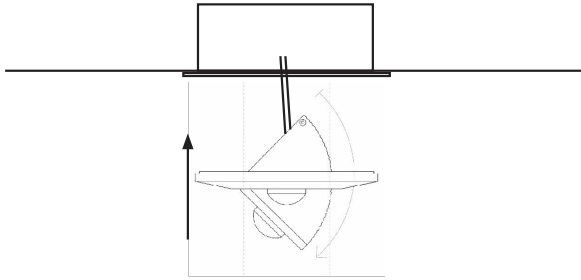


WARNING

Terminal pairs marked with brackets are internally connected. Connecting both DALI bus wires to terminals within the same bracketed pair will cause a short circuit and DALI communication failure. Always connect the DALI bus wires to terminals in separate bracketed pairs. Refer to the wiring example below.



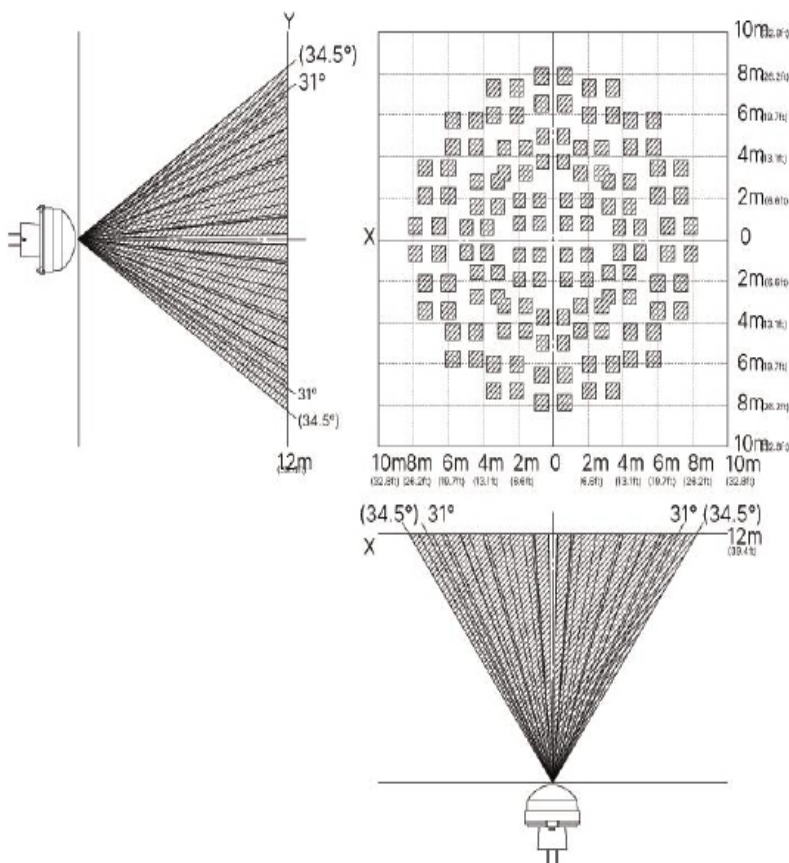
4 Push the sensor up into mounting plate until it snaps into place.



5 Adjust sensor angle as needed. Sensor configuration is managed through the IMS interface.

Detection Patten

Detection Pattern - 15M

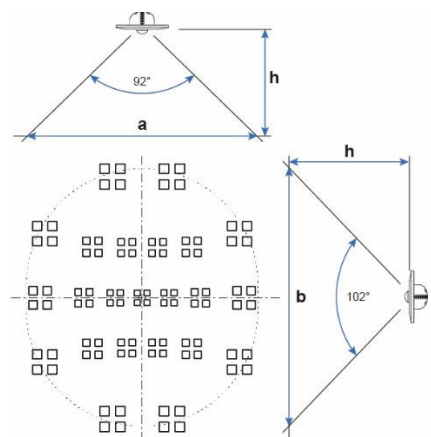


Presence Detection 15M

The sensor type „-15“ is suitable for high rooms (e.g. halls) mounting height up to 12m. The detection range is about 15m

Table. 2 CS- hall (15): relation of mounting height and detection area

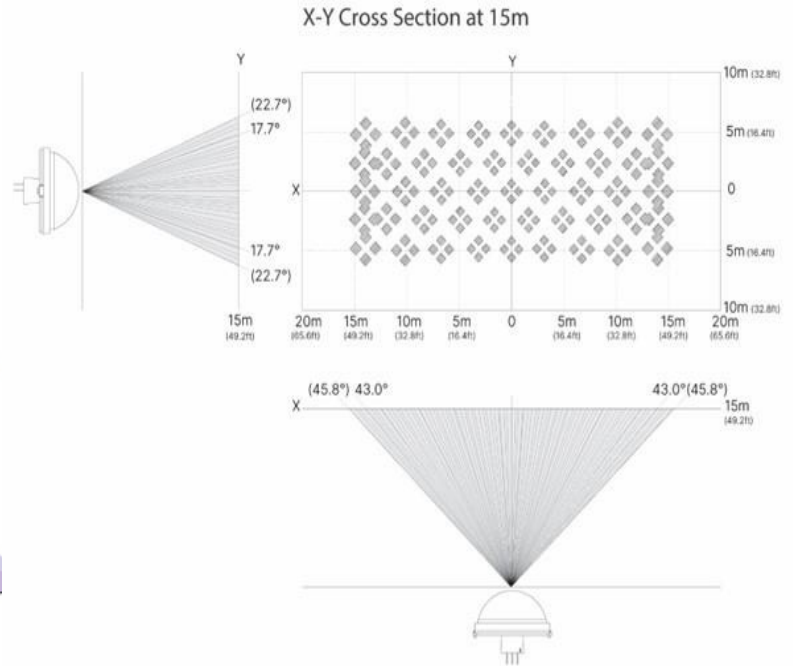
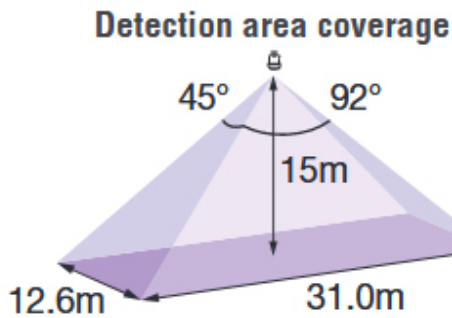
h [m]	a [m]	b [m]	A [m ²]
5,0	6,9	6,9	37,1
7,5	10,3	10,3	83,5
10,0	13,7	13,7	148,4
12,0	16,5	16,5	213,7



Detection Pattern - 30M

Presence Detection 30M

The sensor type -30 has an ultra wide and long distance detection type and is suitable for application in high bay aisles. The maximum mounting height is about 15m. For this installation height of 15m it gains a field of view of approx. 30m x 12m, with 188 detection zones which minimize blind spots



REFER TO THE APPLICABLE DEVICE SPECIFICATION SHEETS FOR PRODUCT-SPECIFIC LIMITED WARRANTY INFORMATION.

THIS LIMITED WARRANTY DOES NOT COVER THE FOLLOWING:

- Defects or damages resulting from improper installation, operation, storage, misuse or abuse, accident, or neglect;
- Defects or damages resulting from improper service, testing, adjustment, installation, maintenance, alteration, connection to out-of-specification electrical service, corrosive or damp environments, or connection to incompatible equipment or devices (e.g., connecting non-dimmable lighting products to dimmers);
- Damage which occurs in transit;
- Power surges or overheating due to external conditions • Acts of nature including but not limited to lightning strikes

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL NICOR BE LIABLE, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCT TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.