

Product Ranges : Overview

LITEminder

SensorLite

infrapod

dayLUX
DLCS



set square
energy saving controls

Energy Saving and Commercial Lighting Controls

LITEMINDER: STAND-ALONE switching sensors



SET-IRL3 (Surface Mount) and SET-IRL4 (Recessed Mount)

A ceiling mounted, self contained PIR switching sensor suitable for areas without natural daylight such as store rooms, toilets, corridors and cupboards, etc.

- ▶ High sensitivity 360 degree passive infrared sensors.
- ▶ Mains powered.
- ▶ Fully automatic presence detection or semi-automatic absence detection versions.
- ▶ 8 amp inductive load or 8 LED drivers.
- ▶ Adjustable time delay on SET-IRL4.



SET-SOLO-1 (Surface Mount) and SET-SOLOXS (Recessed Mount)

A ceiling mounted, self contained PIR switching sensor with integral photocell suitable for areas with natural daylight such as classrooms and staircases. Both are designed for ceiling mounting, the "XS" for recess mounting and "1" for surface mounting. These easy to install sensors incorporate a 360 degree and 7 metre detection pattern. (2.75 metre ceiling height).

- ▶ High sensitivity 360 degree passive infrared sensor.
- ▶ 8 amp inductive load or 8 LED drivers.
- ▶ Fully automatic presence detection or semi-automatic absence detection versions.
- ▶ Suitable for store rooms, self contained offices, washrooms etc.
- ▶ Integral photocell.
- ▶ Adjustable time delay.



SET-R240W and SET-SCM20 (Wall or Ceiling Mount)

SET-R240W: A long range infrared detector with a sensor range of up to 12 metres.

SET-SCM20: Highly sensitive self contained microwave detector with a sensor range of up to 20 metres.

- ▶ An infrared remote capability ensures ease of commissioning for the SET-SCM20.
- ▶ 8 amp inductive load or 8 LED drivers switching.
- ▶ Integral photocell.
- ▶ LED indicators.
- ▶ Standard volt free relay.
- ▶ Adjustable time delay.
- ▶ Easy to install – Easy to set up and adjust.
- ▶ Ideal for car parks, corridors, sports halls etc.



INFRAPOD: NETWORKED switching system



SET-PODCU1, SET-PODCU2 and SET-PODCU3

The InfraPOD is a passive infrared occupancy detection system which is ideal for open plan offices, stairs, corridors and washroom areas. Up to 10 low cost unobtrusive detector heads (PDOCH) can be driven by one controller and switching unit. Low profile detector heads give a 7 metre detector range (2.75 metre ceiling height) with an optional wall mounted 12 metre detector.

- ▶ High sensitivity 360 degree passive infrared sensors.
- ▶ Occupancy and light level switching.
- ▶ Single and dual relay lighting controllers.
- ▶ Corridor linkable.
- ▶ Standard volt free relays.
- ▶ 8 amp inductive load or 8 LED drivers switching (per relay).
- ▶ Fully automatic presence or semi-automatic absence detection.
- ▶ Adjustable time delay.



SENSORLITE: STAND-ALONE dimming sensors

SET-SEN-DIM-RM (Recessed Mount)

The SET-SEN-DIM-RM is a recessed mounted sensor suitable for installation in ceiling tiles or plasterboard type ceilings.

- ▶ High Bay version for up to 14 metres.
- ▶ Presence detection or absence detection versions.
- ▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED.
- ▶ Manual control using a standard retractable switch.
- ▶ Internal mains relay for up to 9 ballasts or drivers.
- ▶ 360° passive infrared sensor.
- ▶ Integral photocell and infrared receiver.
- ▶ Daylight linking dimming.
- ▶ Fully programmable.
- ▶ Fitted with 1.5m cables.
- ▶ Recessed Mounted.



SET-SEN-DIM-SM (Surface Mount)

The SET-SEN-DIM-SM is a surface mounted sensor for installation on solid ceilings and structures using a standard electrical socket patress.

- ▶ Presence detection or absence detection versions.
- ▶ High Bay version for up to 14 metres.
- ▶ Complete with pluggable input and output terminal connections.
- ▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED.
- ▶ Internal mains relay for up to 9 ballasts or drivers.
- ▶ Manual control using a standard retractable switch.
- ▶ 360° passive infrared sensor.
- ▶ Integral photocell and infrared receiver.
- ▶ Daylight linking dimming.
- ▶ Fully programmable.
- ▶ Surface Mounted.



SET-SEN-DIM-BM (Batten Mount)

The SET-SEN-DIM-BM is a batten mounted sensor suitable for installation on a batten type luminaire or side entry into a standard electrical accessory box or moulding via a 20mm knockout.

- ▶ High Bay version for up to 14 metres.
- ▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED.
- ▶ Internal mains relay for up to 9 ballasts or drivers .
- ▶ Conduit / trunking mounting - 20mm knockout.
- ▶ Integral photocell and IR receiver.
- ▶ Fitted with 1.5m single cables.
- ▶ 360° passive infrared sensor.
- ▶ Daylight linking dimming.
- ▶ Fully programmable.
- ▶ Batten mount.



SET-SEN-DIM-LM (Luminaire Mount)

The SET-SEN-DIM-LM is a luminaire mounted sensor for installation within a suitable luminaire housing.

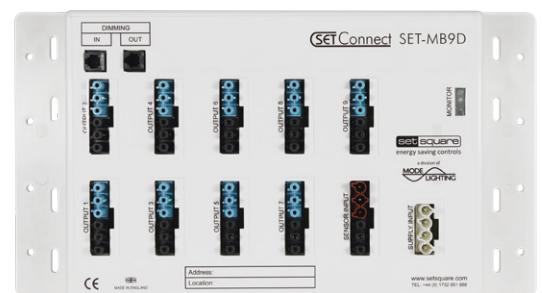
- ▶ High Bay version for up to 14 metres.
- ▶ Complete with pluggable input and output terminal connections.
- ▶ DALI (Broadcast), DSI, 1-10V, Fluorescent and LED.
- ▶ Internal mains relay for up to 9 ballasts or drivers.
- ▶ 360° degree passive infrared sensor.
- ▶ Integral photocell and infrared receiver.
- ▶ Daylight linking dimming.
- ▶ Fully programmable.
- ▶ Presence detection.
- ▶ Luminaire mounted.



SET-MB9D

The SET-MB9D is a nine way marshalling box which distributes mains power, emergency feed and a dimming signal for up to nine light fittings. The box is designed to be used in conjunction with the SET-SEN-DIM range.

- ▶ Hardwired distribution box.
- ▶ 9 x GST18i6 socket outlets.
- ▶ Dimming signal loop IN and OUT.
- ▶ Dimming sensor input for connection of a mains powered sensor.
- ▶ LED status feedback on power and sensor condition.



SET-SEN-PROG-01

The SET-SEN-PROG-01 is a hand held infrared programming and commissioning tool for the SensorLite range of lighting controls. Battery powered for ease of use with auto shut off. A menu driven programming system provides a simple and intuitive process.

- ▶ Easy to programme.
- ▶ LCD display.
- ▶ Save and recall up to three user programs.
- ▶ One touch commissioning.
- ▶ 14 metre range.



Energy Saving and Commercial Lighting Controls

DLCS Daylux Lighting Control System: NETWORKED dimming system



A flexible modular and stand-alone range of dimming controls using presence and absence detection to achieve maximum energy and cost savings.

The Daylux Lighting Control System (DLCS) is intelligent, efficient, cost effective and installer friendly, from a stand-alone single room solution to a fully networking lighting control and management system, the DLCS provides flexibility to meet the changing needs of the building's occupants, including additions and changes in use.

- ▶ Stand-alone or fully networkable, addressable and scalable.
- ▶ Single and multiple channel outputs.
- ▶ 10 way pluggable LCM's.
- ▶ Hard wired LCM's.
- ▶ Network Area Controllers.
- ▶ Presence and absence detection modes.
- ▶ Daylight linking dimming.
- ▶ Scene set dimming.
- ▶ DALI, DSI, 1-10V and switched ballast control.
- ▶ Time scheduling.
- ▶ Fully scalable lighting management.
- ▶ Unique "self configuration and out of the box" functionality.
- ▶ Programming and commissioning via software.



Setsquare's range of energy saving and commercial lighting control products and services includes:

LITE **minder**



Stand-alone Switching

Sensor **Lite**



Stand-alone Dimming

infra **pod**



Networked Switching

day **LUX**
DLCS



Networked Dimming

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