RAPIX DALI-2
Occupancy Sensor Range

Technical Overview Guide
February 2024

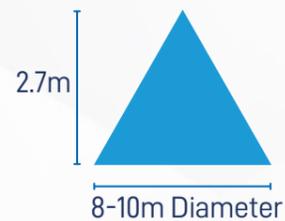# RAPIX DALI-2

Movement and Light Level Sensor

The RAPIX Movement and Light Level Sensor can act as a miniature application controller for its own built-in sensing functions, with passive infrared movement sensing, light level sensing, and a voltage-free input.

This sensor can detect common movement operations as well as being used for light level sensing and light level maintenance to manage the daylight harvesting of a lighting system. As an added feature, the design team incorporated a voltage free input to allow for switching and control functions.
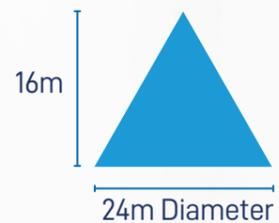
This sensor can be used in any DALI-2 system. It can also act as a miniature DALI-2 Application Controller. Multiple sensors can easily be used to expand coverage to larger areas. For further scalability the sensor can be mixed on a line with other RAPIX products such as the Four Channel Zone Controller, DALI-2 Switch range and other sensors.

Detection Range:

DALI-2 Movement Sensor

2.7m

8-10m Diameter

DALI-2 Long Range Movement Sensor

16m

24m Diameter

Voltage free contact input for direct connection to switches and sensors
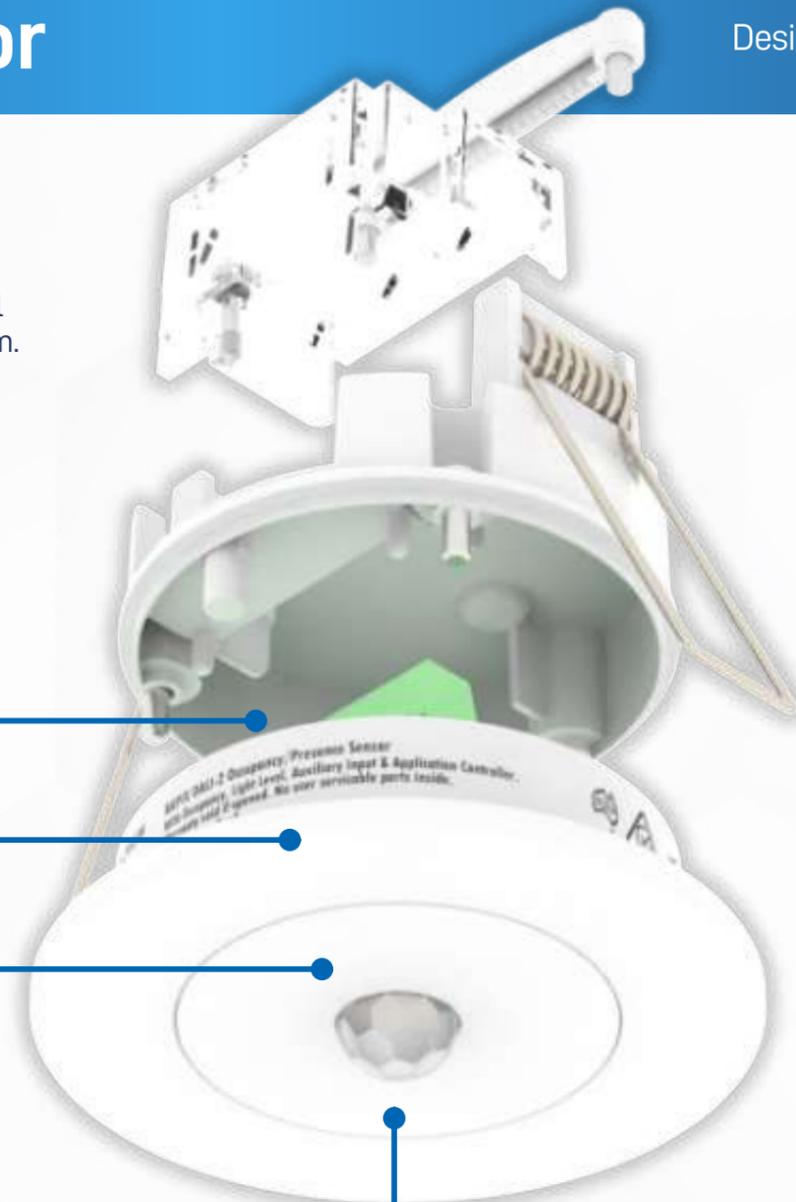
Light level sensor 0-65000 lux

LED indicator for easy identification during commissioning

Generous terminal size with clear cover for easy inspection

Low profile lens providing a discreet finish when installed on white ceilings

Available Models:

DALI-2 Movement and Light Level Sensor
DGOZ-SEN-PRLLSW

DALI-2 Movement and Light Level Sensor
DGOZ-SEN-PRLLSW-BK

DALI-2 Movement Sensor
DGOZ-SEN-PRSW

DALI-2 Long Range Movement and Light Level Sensor
DGOZ-LRS-PRLLSW

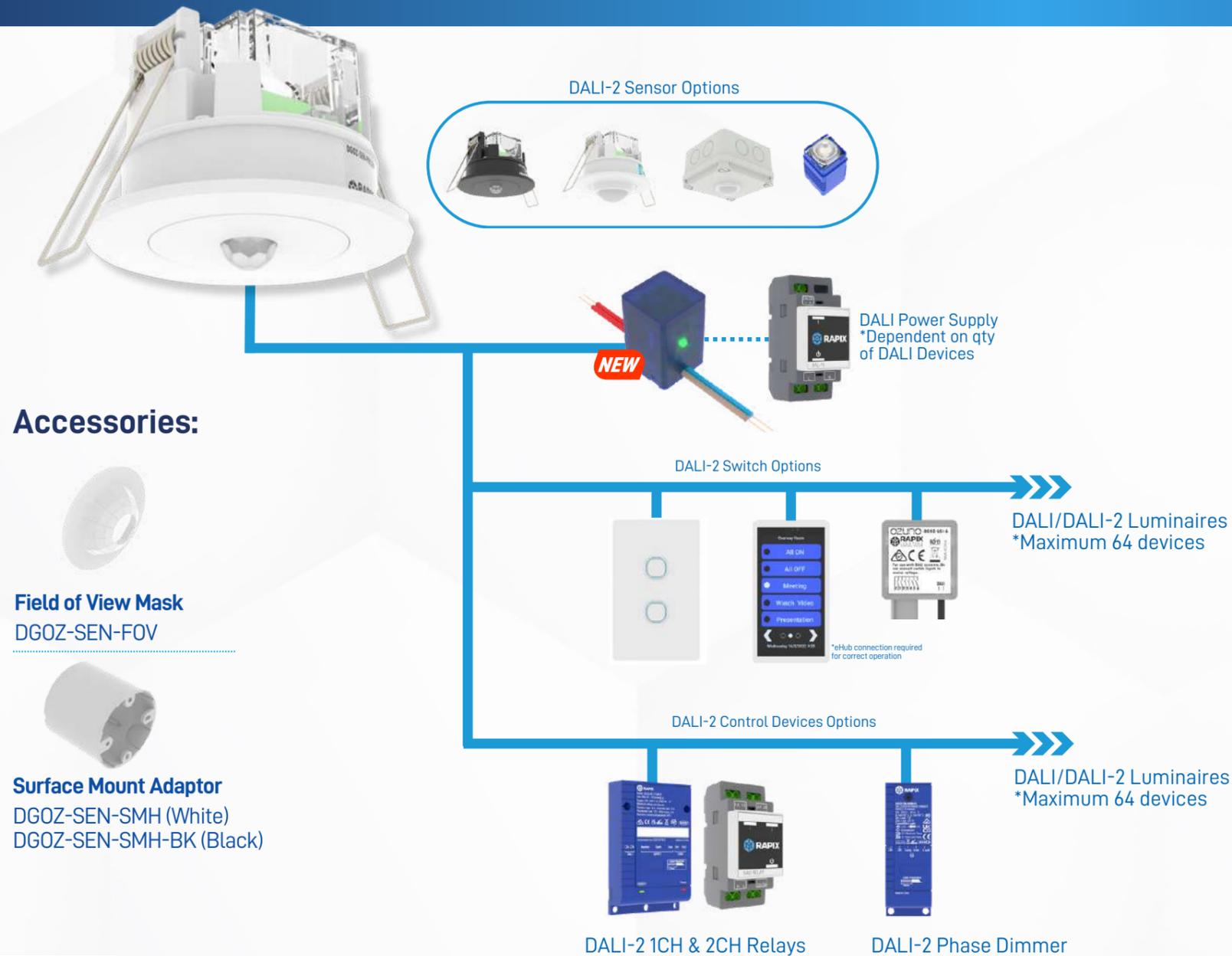**DALI-2 IP65 Long Range Movement and Light Level Sensor**
DGOZ-SEN-PRLLSW-IP

DALI-2 Miniature Movement and Light Level Sensor
DGOZ-SEN30-PRLLSW
NEW

Think DALI-2 - think RAPIX

RAPIX

DALI 2

An Application Controller

Hidden inside for built-in functions

DALI-2 Sensor Options

NEW

DALI Power Supply
*Dependent on qty
of DALI Devices

DALI-2 Switch Options

DALI/DALI-2 Luminaires
*Maximum 64 devices

*eHub connection required
for correct operation

DALI-2 Control Devices Options

DALI/DALI-2 Luminaires
*Maximum 64 devices

DALI-2 1CH & 2CH Relays

DALI-2 Phase Dimmer

Accessories:

Field of View Mask
DGOZ-SEN-FOV

Surface Mount Adaptor
DGOZ-SEN-SMH (White)
DGOZ-SEN-SMH-BK (Black)

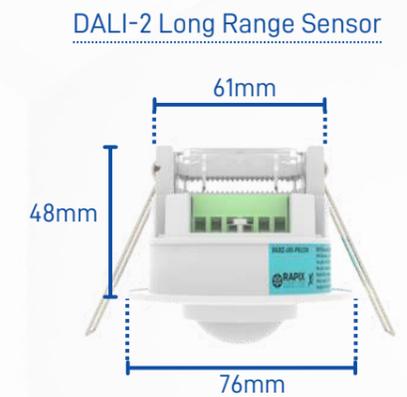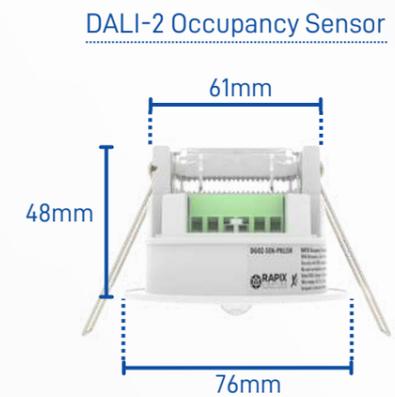### Features:

- Only 4 mA current drawn from DALI.

- External sensors with voltage-free contacts suits all switch types and voltage free motion sensors.

- Configured using the RAPIX Addressing, Integrator or any other DALI commissioning software.

- Surface mount adaptor available, suited to 50 mm and 60 mm screw mounting centres.

Dimensions:

DALI-2 Occupancy Sensor

DALI-2 Long Range Sensor

61mm

61mm

48mm

48mm

76mm

76mm

RAPIX - Worlds lowest power DALI-2 Occupancy Sensors

RAPIX

DALI 2

RAPIX
LIGHTING
CONTROL SYSTEM

Contact Us

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DESIGN