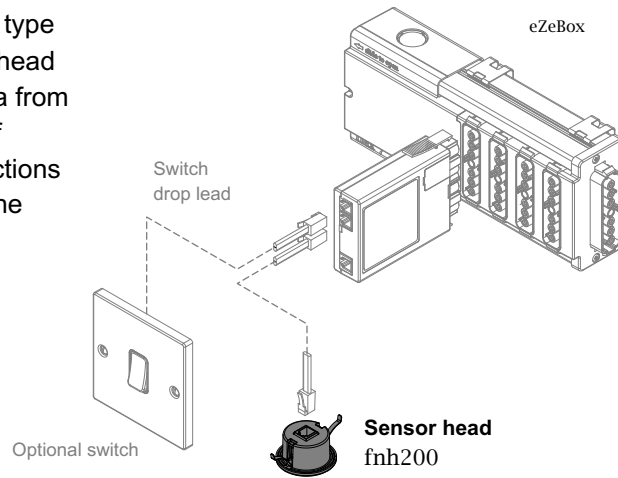


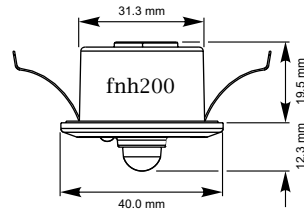
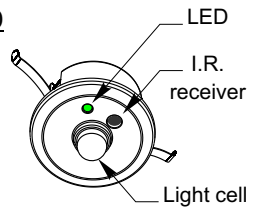
fnh200 Occupancy sensor head

Working in conjunction with fnc type controllers, the fnh200 sensor head provides additional sensory data from the room. This takes the form of occupancy, and received instructions from a remote control such as the frc/user remote control.



Sensor head and occupancy detection performance

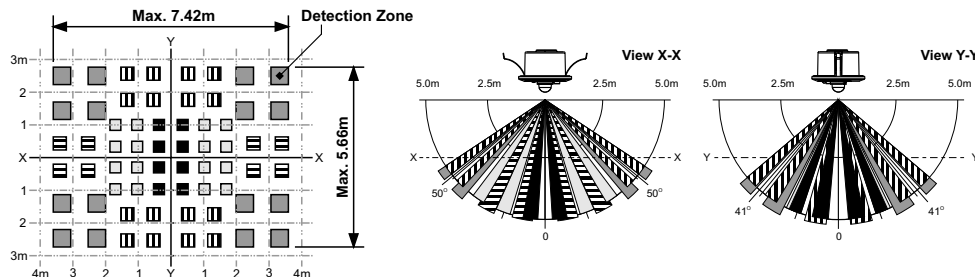
fnh200



The sensor head fits into a 32mm diameter hole, with clips which can grip ceiling panels down to 1.5mm thick. The sensor head has a rectangular occupancy detection range broadly 7.4m x 5.6m at a ceiling height of 2.5m (Longest length of detection aligning with the spring clips). As the ceiling height increases so will the overall detection area but sensitivity to small movements will decrease.

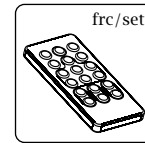
Note: Make sure that the sensor is not adjacent to circulating air, heaters or lamps.

Detection Zone



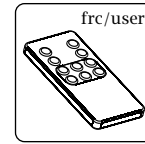
The X-Y cross-sectional diagram shows the detection area. The differences in the detection zone patterns indicate the projections of the 16 lenses with a single focal point. Movement of an object with higher than background temperature, between the detection zones, will be detected.

Setting Up



Setup Remote Control – frc/set

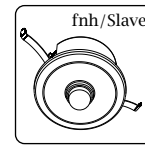
The sensor comes factory set with default operational parameters including a standard 20 minutes occupancy time-out. If another time-out period (2, 5, 10, 20 and 40 minutes) or alternative operational parameters are desired, then an frc/set remote control will be required - ordered separately.



User Remote Control – frc/user

The frc/user remote control is a convenient method for the user to control the lighting remotely. Lights can be temporarily overridden ON or OFF and in cases where the lighting control is dimmable, dimmed UP or DOWN. In addition, up to six preset light levels can be stored and recalled.

Note: Unlike the frc/set remote control the frc/user remote control can not be used to



Increasing Occupancy Coverage – fnh/slave

Occupancy coverage can be increased by adding up to a maximum of five slave sensor heads (fnh/slave) to your existing sensor head. The fnh/slave comes complete with a 'Y' adaptor to facilitate connection.

Supply Voltage	:12V DC	IP Rating	:IP20
Material	:PA6 UL94 V-0 rated, Non-halogen	Compliance	:LVD-2006/95/EC :EMC-2004/108/EC
Operating range	:-10°C to 40°C		



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