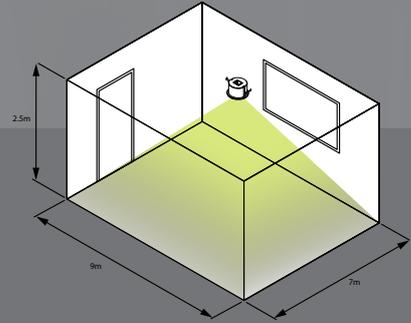# PIR Sensor Heads

PIR Sensor Heads need to be used in conjunction with a Control Module. A Sensor Lead is needed to connect the Sensor Head to a Control Module.

PIR Detection Pattern

The PIR (Passive infrared) sensor detects moving bodies of heat that are different (warmer or cooler) to the background temperature. The detection pattern is broadly rectangular at 9m x 7m when fixed at a ceiling height of 2.5m (longest length of detection aligns with the spring fixing clips).

PIR Absence/Occupancy Sensor Head (Primary)

▸ Use (in conjunction with appropriate Control Module) for occupancy or absence.

▸ The integral infra-red receiver accepts commands from either the Setup or User Remote Control. An LED provides indication of operation.

▸ Requires a Control Module and Sensor Lead to operate.

DESCRIPTION	PART NO.
PIR occupancy sensor head, white	FNH200
PIR sensor head, black	FNH200/BK

PIR Absence/Occupancy & Light Level Sensor Head (Primary)

▸ Use (in conjunction with appropriate Control Module) for occupancy or absence with daylight dependency/linking. Once a target light level has been set, the Sensor Head will monitor ambient light and turn on/off or dim/brighten luminaires as required.

▸ The integral infra-red receiver accepts commands from either the Setup or User Remote Control. An LED provides indication of operation.

▸ Requires a Control Module and Sensor Lead to operate.

DESCRIPTION	PART NO.
PIR occupancy + light level sensor head, white	FNH400
PIR occupancy + light level sensor head, black	FNH400/BK

PIR Auxiliary Sensor Head

▸ Use to increase the area of detection. Up to 5 Auxiliary Heads can be used in conjunction with 1 'Primary' Head, effectively increasing detection range by 6-fold. Ideal for use in corridors or large/irregular shaped rooms.

▸ Can be used with PIR or Microwave Sensors (excl. 230V version)

▸ Supplied with a 'Y' adaptor to allow plug-in connection of 2 Sensor Leads (in/out).

▸ Requires a 'Primary' Sensor Head, Control Module and Sensor Lead to operate.

DESCRIPTION	PART NO.
PIR auxiliary sensor head, white	FNH/AUX
PIR auxiliary sensor head, black	FNH/AUX/BK

PIR Sensor Head Surface-Mount Plate

▸ Use to surface-mount a flex7 PIR Sensor Head directly to a surface mount conduit box. 25mm deep min. for 'Primary' Head, 32mm deep min. for Auxiliary Head.

DESCRIPTION	PART NO.
Surface-mount plate, white	FNH/ADAPT
Surface-mount plate, black	FNH/ADAPT/BK