

Occupancy Sensor Heads

The PIR (passive infra-red) detector senses movement of warm bodies against a cooler background. The detection pattern is broadly rectangular at 7.4m x 5.6m when fixed at a ceiling height of 2.5m (longest length of detection aligning with the spring clips). For further details see [occupancy detection pattern on page 42](#).



Occupancy Sensor Head



fnh200 (Master Head)

The standard offering for straightforward occupancy sensing. Inbuilt infra-red receiver accepts commands from either the Setup or User hand held Remote Controls whilst an LED provides indication of operation. Requires a 1000, 2000, 3000 or 4000 Control Pack and Link Lead to operate.

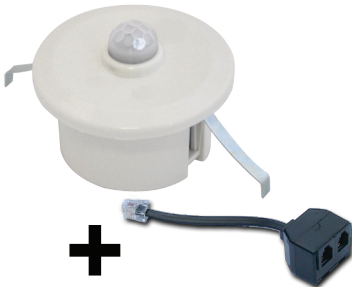
Occupancy Sensor Head with light level sensing



fnh400 (Master Head)

All the features of the fnh200 but with the addition of a light cell for accurate lux readings under the head. Requires a 1000, 2000, 3000 or 4000 Control Pack and Link Lead to operate.

Slave Occupancy Sensor Head



fnh/slave (Slave Head)

Up to 5 Slave Heads can plug-in in parallel with an existing Master Sensor Head (either of the above), increasing the detection range up to 6 fold. Each Slave Head comes with a 'Y' adaptor to facilitate parallel connecting.

Note: Slave Sensor Heads automatically adopt the same timeout that has been set on the existing Master Head they connect to.

Tamper-resistant Sensor Head



fnh200/s (Master Head), fnh400/s (Master Head) & fnh/slave/s (Slave Head)

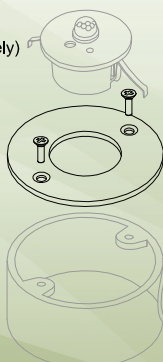
The sensor heads above are also available in a 'tamper-resistant' design, intended specifically for installations where resilience to unsolicited attempts to remove or tamper is paramount – prisons, secure units etc. The head can be mounted directly to the ceiling (32mmØ hole required) or a standard conduit box, and is then secured with two suitable security screws (not supplied).

fnh200/s & fnh400/s requires a 1000, 2000, 3000 or 4000 Control Pack and Link Lead to operate

fnh200, fnh400 or fnh/slave (order separately)

Includes 2 x fixing screws

Conduit box not supplied



Adaptor plate

Enables either of fnh200, fnh400 or fnh/slave sensor heads to be surface mounted.

Ordering flex7 Adaptor Plates



[Further technical details on Sensor Heads - page 58](#)

Ordering flex7 Occupancy Sensor Heads

200	occupancy sensor	leave blank or add /s for tamper-resistant sensor head type.
400	occupancy + light level	
/slave	slave occupancy sensor	

fnh

Note: a Sensor Link Lead will be required to connect your Sensor Head. [See page 47](#).