

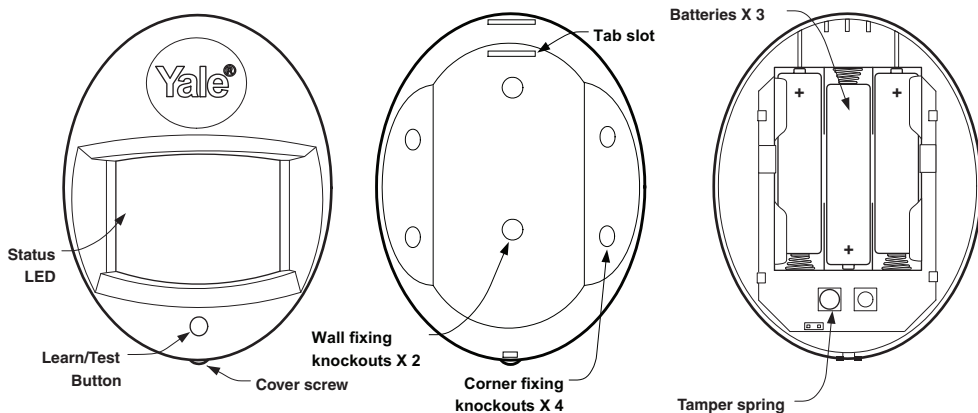


The world's favorite lock

HSA6000 series

# Wirefree Yale HSA6020 PIR motion detector

(Yale part number: 666020001001)



## Pack contents

- 1 x HSA6020 PIR motion detector
- 2 x wall plugs
- 1 x 2.6 mm (diameter) x 10 mm cross head fixing screws.
- 2 x 3.5 mm x 15 mm wall plugs

## PIR detector description

**Status LED:** Hidden red LED shines through lens to indicate door contact state

**Learn/Test button:** Used for testing the radio performance (No sleep time) and for learning-in.

**Cover screw:** Provides access to inside of PIR

**Tamper Spring:** Spring loaded switch to protect the PIR from being opened.

**Tab Slot:** Pull out plastic tab to activate battery.

**Corner fixing knockouts:** Punch through to provide holes for corner fixing.

**Wall fixing knockouts:** Punch through to provide holes for flat mounting on walls.

**Batteries X 3:** Battery compartment for three AAA 1.5V alkaline cells.

## Specification

### Conforms to:

EN 300 220-1 / V2.1.1 (2006-04)  
 EN 301 489 -1, / V1.6.1 (2004-12)  
 EN 301 489-3, / V 1.4.1 (2002-08)

### Environmental conditions:

-10°C to 40°C, relative humidity  
 70% non-condensing

**Radio:** Microcontroller controlled  
 433.92MHz AM transmitter.

**Battery:** 4.5V 3 X 3V AAA alkaline  
 cells, 2 years typical domestic service  
 life, 1-minute sleep timer.

## Installation

Remove the battery saver tab to  
 activate battery.

- The light steadily flashes for 30  
 seconds while components initialise.

## Programming & testing

Program your PIR before installation  
 and test afterwards. Please see your  
 current system instruction book.

## Location

Locate the PIR taking into account the  
 following points:

- In a position such that an intruder  
 would normally move across the PIR's  
 field of view

- Between 1.7 and 2.3m above floor  
 level
- In a corner to give the widest view
- Where its field of view will not be  
 obstructed eg by curtains, ornaments  
 etc
- Not pointing directly at sources of  
 heat e.g. fires or boilers, and not  
 above radiators
- Not pointing directly at a window  
 facing the sun
- Do not position a PIR to look directly  
 at a door protected by a door contact,  
 this could cause the door contact and  
 PIR radio signals to be transmitted at  
 the same instant when entering,  
 cancelling each other out.

## Mounting

1 Open sensor by loosening the  
 bottom screw, break through the  
 appropriate knockouts (where the  
 plastic is thinner) as shown. 2 Using  
 the holes as a template, drill holes in  
 the surface and insert wall plugs if  
 fixing into plaster or brick. Screw the  
 rear case to the wall using two of the  
 knockouts shown. The case has  
 angled back edges for neat corner  
 mounting. 3 Screw the PIR front  
 on.

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