Yale®
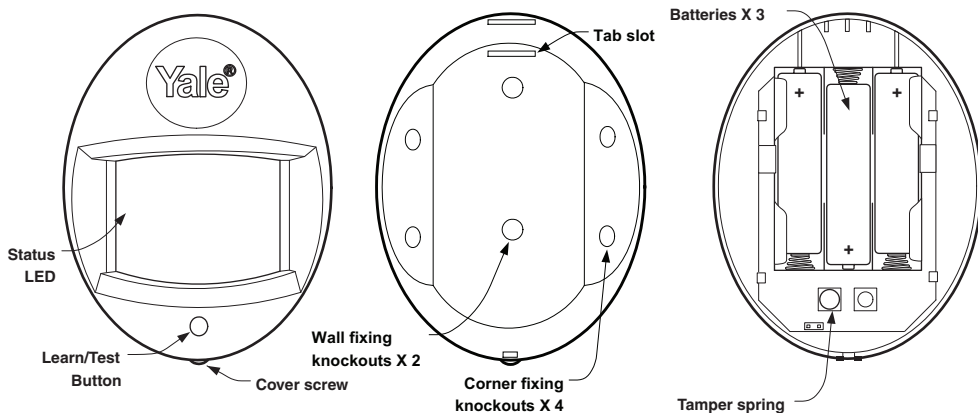**The world's favorite lock**

HSA6000 series

Wirefree Yale HSA6020 PIR motion detector

(Yale part number: 666020001001)

Status LED

Learn/Test Button

Cover screw

Tab slot

Wall fixing knockouts X 2

Corner fixing knockouts X 4

Batteries X 3

Tamper spring

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.

An ASSA ABLOY Group brand   **ASSA ABLOY**

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.

Yale UK
School Street, Willenhall
West Midlands WV13 3PW
Tel +44 (0)1902 364647
Fax +44 (0)1902 364692
E-mail info@yale.co.uk
www.yale.co.uk   **E1 12/06**

An ASSA ABLOY Group brand   **ASSA ABLOY**