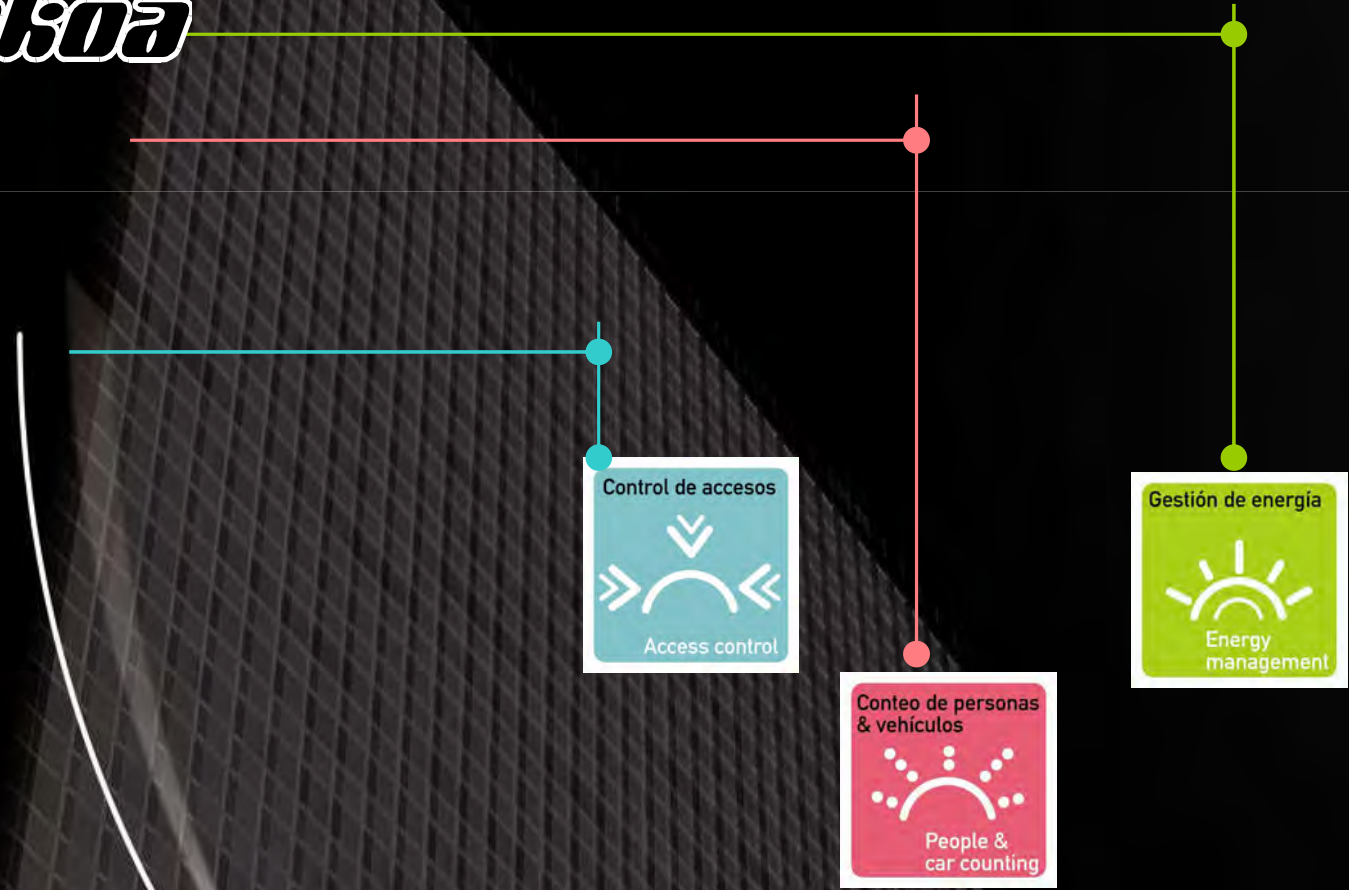# Sistemas de identificación y control
Identification and control systems
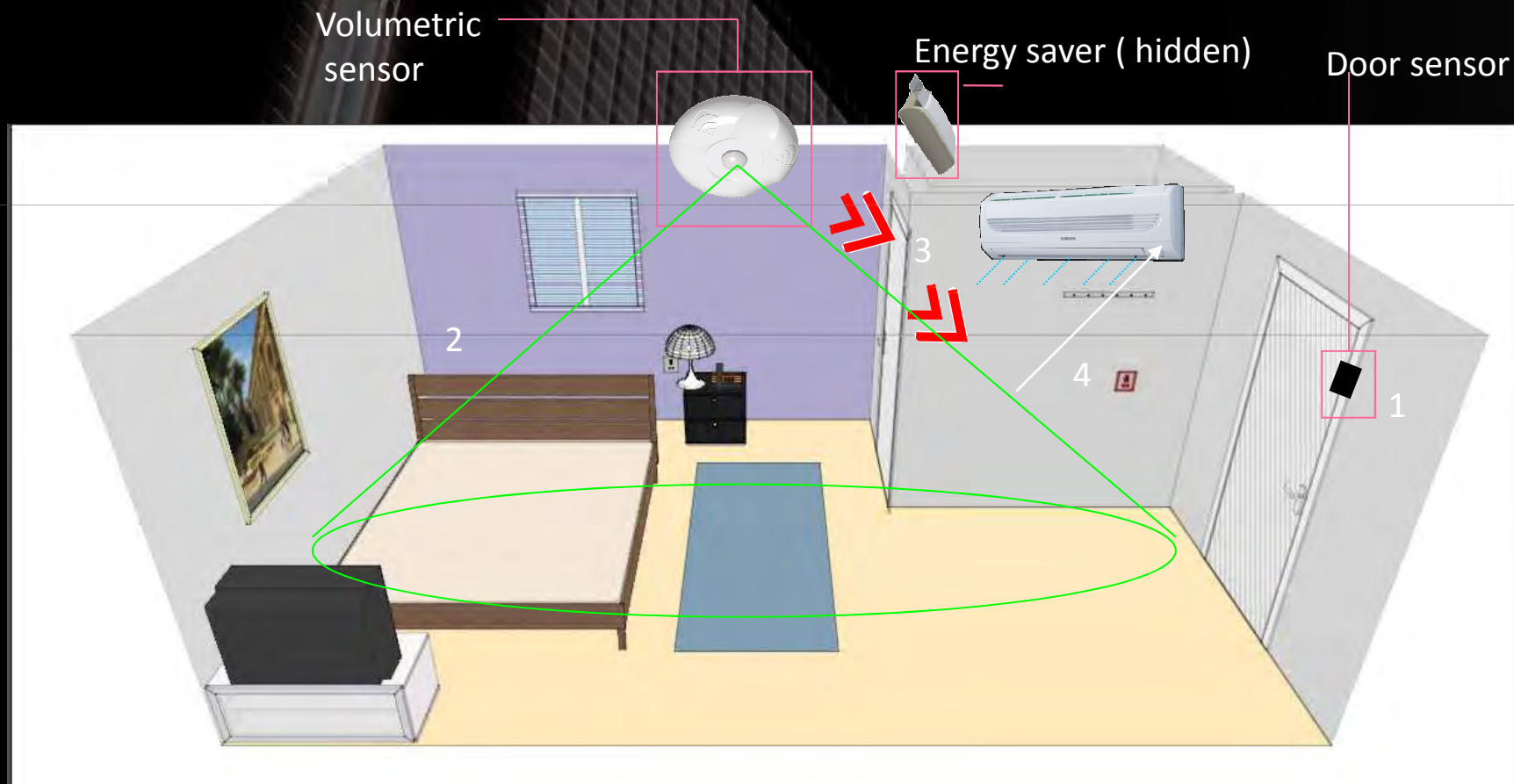
" Energy saving system "

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Control de accesos
Access control

Conteo de personas & vehículos
People & car counting

Gestión de energía
Energy management
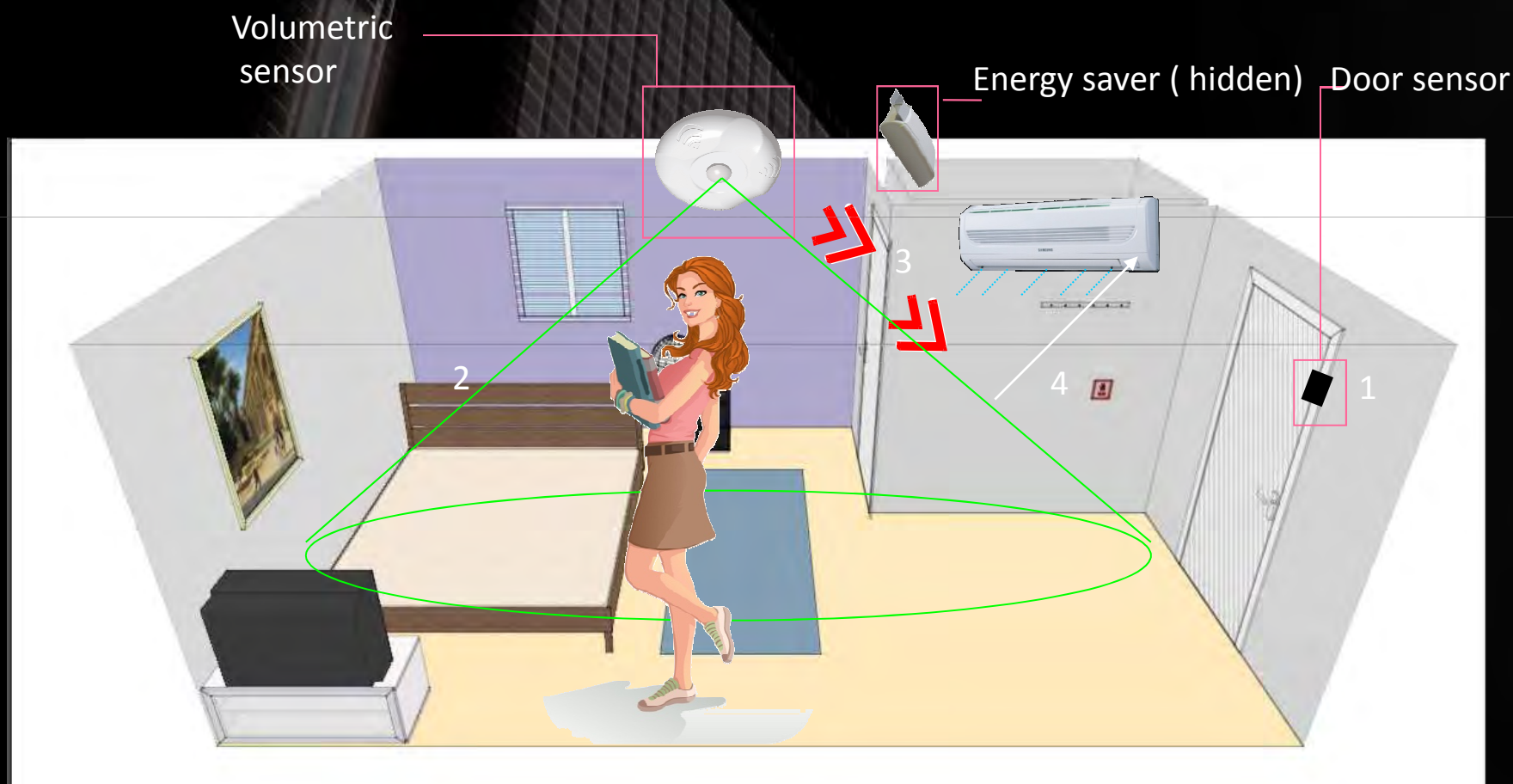
Consist of the following items:

- <u>Wireless volumetric sensor</u>: continuos movement detection inside the room.

- <u>Energy saver with wireless module</u>:

  Manage the energy in the room depending on the information received wirelessly from the door sensor and volumetric sensor.

- <u>Wireless door sensor:</u> detects whether a door has been opened and closed.

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• The guest opens the door and closed it (DOOR ACTION).

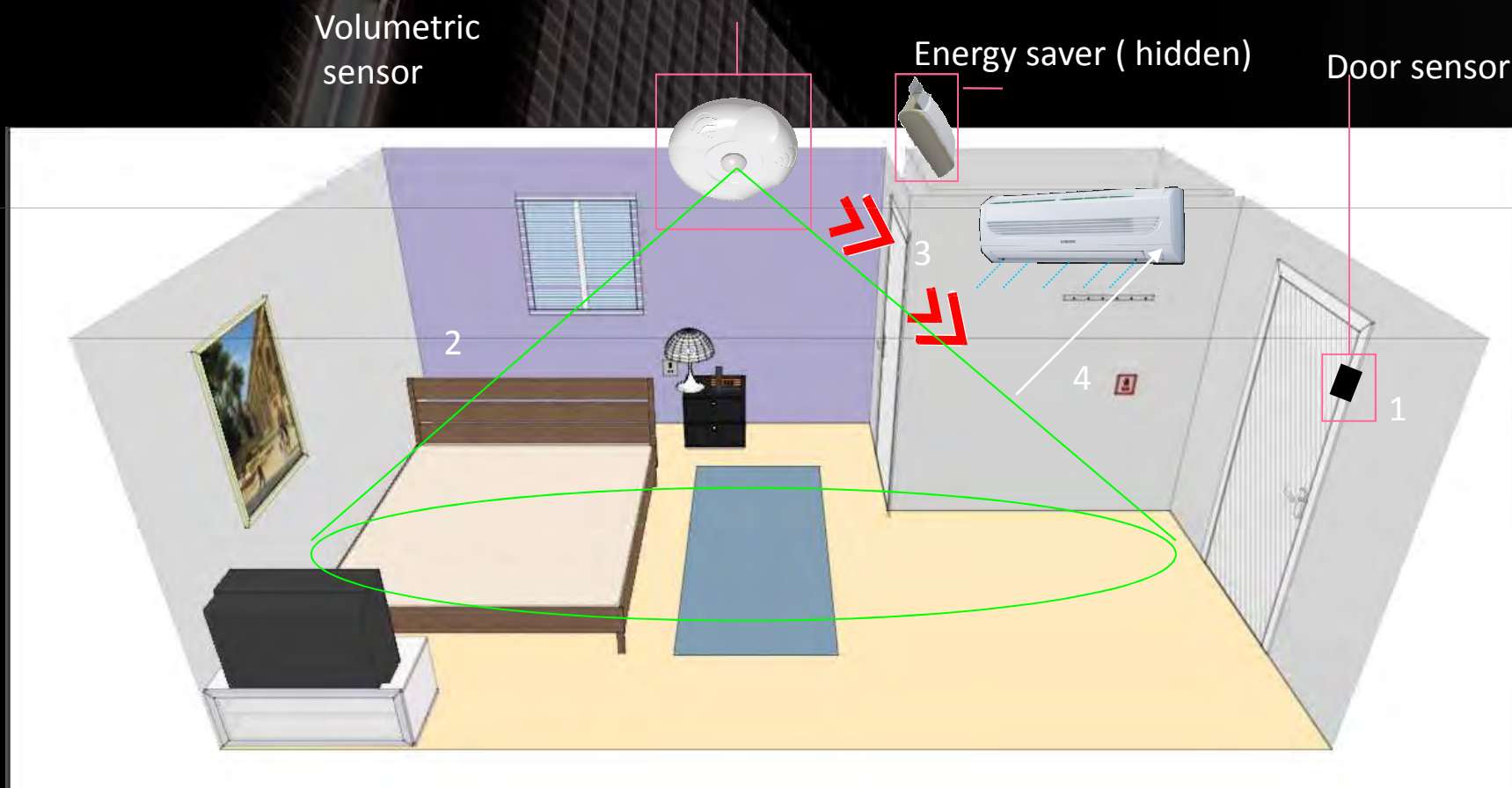• The door sensor sends info to the room energy saver (wirelessly) that DOOR ACTION has been made .

Volumetric
sensor

Energy saver (hidden)

Door sensor

2

3

4

1

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iswitch

• The volumetric sensor detects presence in the room and sends presence signal to the room energy saver.

• The energy saver knows that the room is occupied and allows to the guest the control of the energy in the room.

•The energy saver will be in the same status till DOOR ACTION carry on again.

Volumetric sensor

Energy saver (hidden)   Door sensor

• The volumetric sensor detects NO presence in the room and sends presence signal to the room energy saver.

• The energy saver knows that the room is EMPTY and turns the relay 2 off in the energy saver.

•The energy saver will be in the same status till DOOR ACTION carry on again.

Volumetric sensor
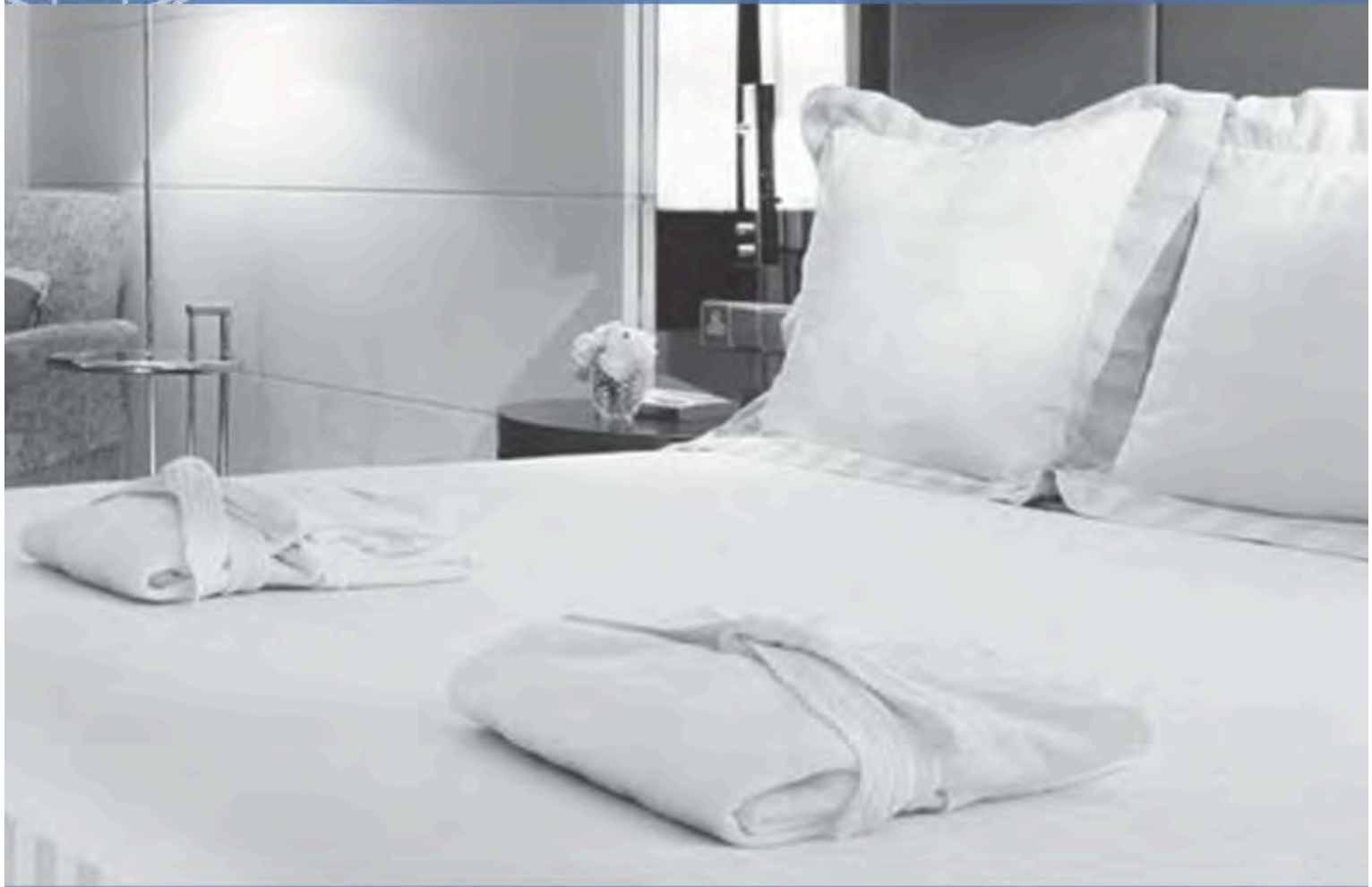
Energy saver (hidden)

Door sensor

" Other features"

- Wireless 2,4GHz – IEEE 802.15.4
- Communication distance (volumetric sensor ➡ energy saver)
  > max 8mts.
- Up to 20 sensors can be connected to each energy saver.
- The volumetric sensor detects a circle whose diameter is the height at which it is installed.
- Easy to install: while a special card is introduced within the energy saver, hold press the volumetric sensor's button that will be assigned to such energy saver.
- It allows you not to install many volumetric sensors in the room as, after DOOR ACTION, if one volumetric sensor detects movement, the system knows that the room is occupied (and will not be necessary to check movement continuously).

RELIABILITY IS THE KEY

For more information about this product or to talk to one of our sales specialists please contact us.

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