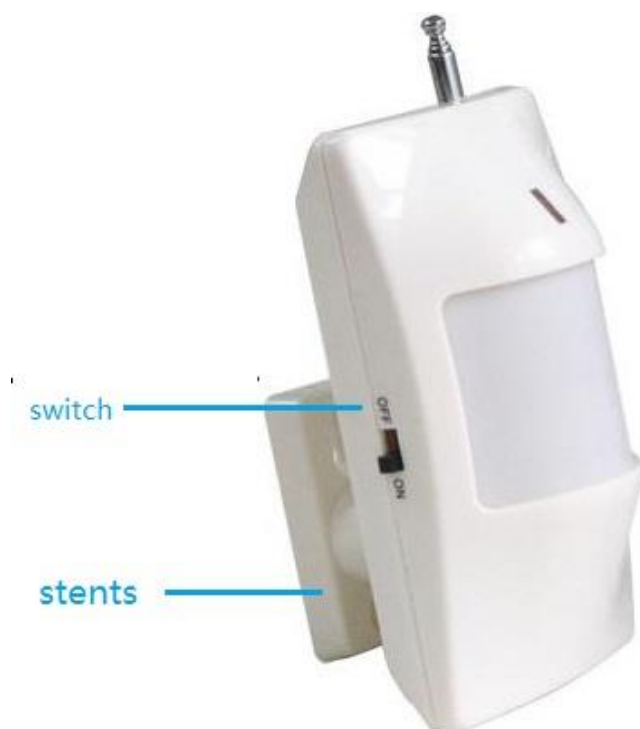


# HW815K8 Infrared detector manual

Intelligent home security system is composed of intelligent home host and security alarm series sensors. The security alarm sensor series can be divided into magnetic door, curtain, gas detector, smoke sensor, infrared detector, water leakage sensor, etc.

This product is a high stability passive infrared detector. It uses advanced signal analysis and processing technology, with high detection and anti-false positives performance. If intruders pass through the detection area under the host fortify state, the detector will automatically detect human activities in the area. If there is dynamic movement phenomenon, it will send alarm signal to the host to realize remote alarm and other functions. This product is widely used in family residential areas, real estate villas, factories, shopping malls, warehouses, office buildings and other places of security prevention.



## I. Specifications and parameters

Wireless body infrared detector

Ø working voltage: 9 v square battery

Ø detection range: 4 m to 6 m

Ø encoding: Learning code (1527)

Ø static current: 20-45 uA

Ø working current: 10-30mA

Ø working frequency: 433.92 MHz

Launching range: greater than 100 meters (open range)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

#### Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.