

Home Alarm Kit



The Alarm Kit includes: ZG2 gateway, ZB1 remote control, ZD1 door and window sensor, ZP1 motion sensor, ZR1 Alarm Siren, Ranger 2C Camera. The products of the Alarm Kit can be linked with the IMOU camera through the APP scene setting. You can also activate or disable the entire security system at will.

ZG2

The smart gateway is the control center of the security alarm system. Users can add, manage and control Zigbee sensors through the gateway. The alarm messages of the sensors are all reported by the gateway to the Imou cloud platform, and finally pushed to the user APP.

ZR1

The alarm acts as a sound amplification device for the gateway, with a maximum volume of 100 decibels, which can effectively deter intruders. At the same time, the device can also serve as a gateway signal amplifier to extend the communication distance between the gateway and other sensors.

ZD1

The door and window sensor can monitor the opening/closing of doors, windows, cabinet doors, drawers. When the magnet is separated from the sensor by a certain distance, it can notify the gateway through wireless signals in time to achieve alarm and other intelligent scene linkage.

ZB1

The remote control can switch the gateway's three modes: home, away, and disarm, realizing convenient arming and disarming switching. It also supports one-touch alarm, double-click, long-press, and scene linkage.

ZP1

The motion sensor captures the infrared light emitted by the human body through a lens, thereby sensing the presence of a living body. It can still play a role even in dark occasions, it generates small data traffic, does not easily violate user privacy, has low power consumption, long standby time and easy to install. It can effectively detect intrusion information and generate alarm linkage.

Ranger 2C

The camera has 3 million pixels and can be used with a sensor to rotate to a designated alarm point for recording and human tracking (set in the smart scene)

Specifications

ZD1-Door&Window Sensor

Wireless protocol: Zigbee
 Transmit power: $\leq 10\text{dBm}$
 Working voltage: DC 3V
 Low pressure alarm: 2.6V
 Standby current: $\leq 10\mu\text{A}$
 Installation method: Wall-mounted
 Battery life: 2 year(20 times/day)
 Transmit frequency: 2.4GHz
 Communication distance: 200m(open space)
 Operatign temperature: -14°F to $+131^{\circ}\text{F}$
 Working current: $\leq 30\text{mA}$

ZB1-Remote Control

Working Voltage: DC3V (1xCR2450)
 Networking Mode: Zigbee
 Working Temperature: -10°C ~ $+50^{\circ}\text{C}$
 Network Distance: $\leq 35\text{m}$ (open area)
 Working Humidity: $\leq 95\%$ RH (no condensation)
 Battery Lifespan: 2 years(The lifespan may shorten under actual working environment)
 Size: $\Phi 62.05 \times \text{H}13.9\text{mm}$

ZR1-Siren

Working voltage: DC 12V
 Standby current: $\leq 20\mu\text{A}$
 Working current: $\leq 250\text{mA}$
 Operatign temperature: -14°F to $+131^{\circ}\text{F}$
 Installation method: wall/ceiling
 Appearance size: $\Phi 80 \times 34\text{mm}$
 Weight: 69.8g

ZP1-Motion Sensor

Wireless protocol: Zigbee
 Transmit power: $\leq 15\text{dBm}$
 Working voltage: DC 3V
 Low pressure alarm: 2.7V
 Standby current: $\leq 15\mu\text{A}$
 Detection range: 8m
 Installation method: Wall-mounted
 Battery life: 2 year(20 times/day)
 Transmit frequency: 2.4GHz
 Communication distance: 200m(open space)
 Battery model: CR123V
 Operatign temperature: -14°F to $+131^{\circ}\text{F}$
 Working current: $\leq 25\text{mA}$
 Sensing angle: 90°
 Installation height: 2.2m

ZG2-Gateway

Wireless Protocol: Wi-Fi IEEE 802.11 b/g/n 2.4GHz, Zigbee3.0
 Operating Voltage: DC 5V
 Operating Temperature: -10°C ~ 55°C
 Operating Humidity: 0~95%RH, no condensation
 Installation Method: desktop & wall mounted
 Appearance Size: $68.0 \times 68.0 \times 24.0\text{mm}$

Ranger 2C-Camera

Working Voltage: DC3V (1xCR2450)
 Networking Mode: Zigbee
 Working Temperature: -10°C ~ $+50^{\circ}\text{C}$
 Network Distance: $\leq 35\text{m}$ (open area)
 Working Humidity: $\leq 95\%$ RH (no condensation)
 Battery Lifespan: 2 years(The lifespan may shorten under actual working environment)
 Size: $\Phi 62.05 \times \text{H}13.9\text{mm}$

What's in the box

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|------------------------|---------------------------------|-----------------------------------|
| - 1x ZG2 Gateway | - 4x ZD1 Door and Window Sensor | - 2x ZB1 Remote Control |
| - 2x ZP1 Motion Sensor | - 1x ZR1 Alarm Siren | - 1x Ranger 2C Camera |
| - 1x Quick Start Guide | - 1x Manufacturer Information | - 1x Regulatory Information Sheet |