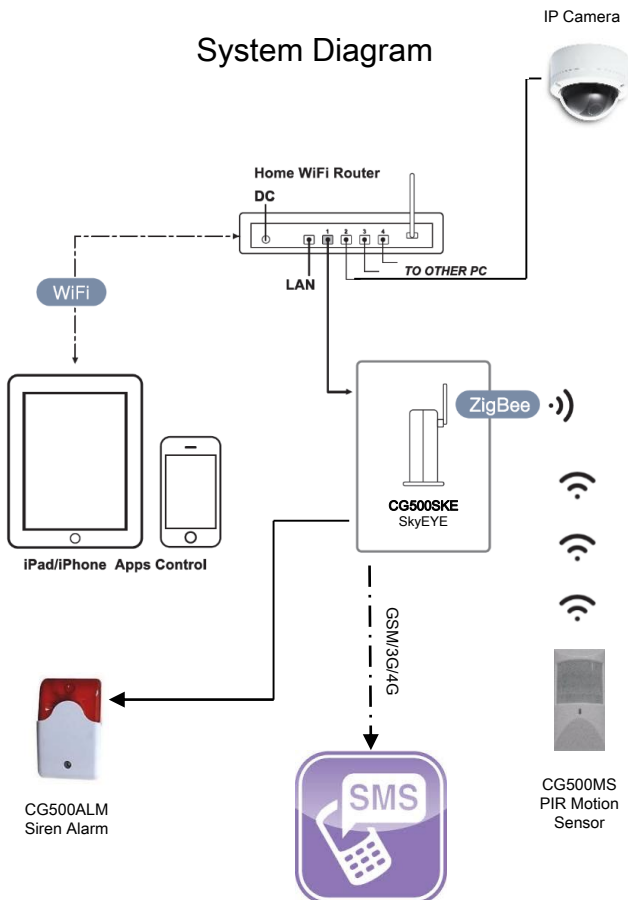




CG500SKE
SkyEYE Gateway

System Diagram



Description

● **Alarm and monitoring function.**

1. SkyEYE App for iOS or Andriod mobile device.
2. App supports 5 clients.
3. Entry mode, Exit mode and Alarm off mode.
4. Each client automatically synchronized the data.
5. Work with Citygrow's CG500MS ZigBee PIR Motion Sensor. CG500MS is able to work on battery power. **(Not included)**
6. Battery low detection for CG500MS PIR sensor.
7. SMS message sending to user as alarm is triggered. GSM/3G/4G SIM card supported. **(SIM Card Not included)**
8. Maximum 20 SMS records, 20 Dialer records.
9. Each Input device is able to control 30 output devices. (such as output alarm, SMS and Dialer).
10. Local alarm by two output dry contacts to drive external siren alarm speaker. **(Not included)**
11. Support maximum 100 inputs trigger devices.
12. IP camera monitoring. **(IP CAM Not included).**

● **Hardware**

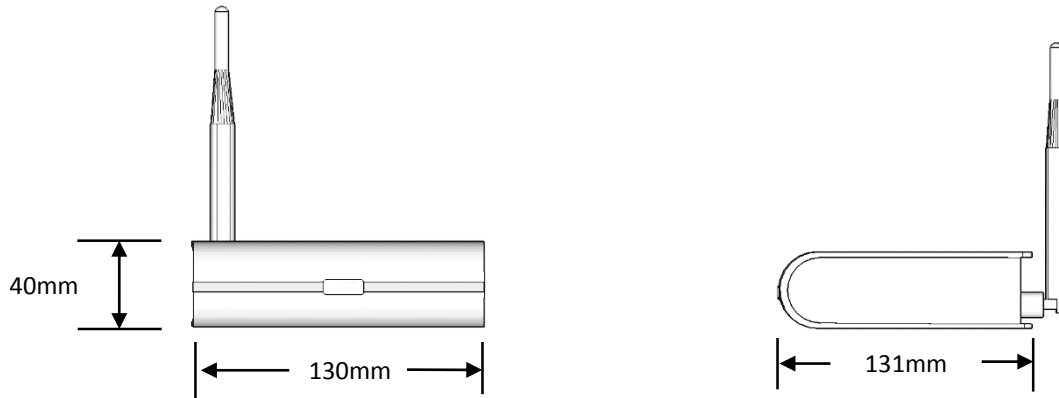
1. ZigBee wireless remote control.
2. Based on IEEE 802.15.4.
3. 2.4GHz radio frequency.
4. TCP communication with WiFi router via LAN port.
5. High secured transmission AES128 Bit encryption.
6. LED indicator for power and status.
7. Operated by external power adaptor (Included).
8. Battery backup during power failure.
 - a. AAA alkaline batteries x 4 pcs. **Not included.**
 - b. Or, rechargeable battery pack DC 4.8V. **Not included.**
 - c. Or, external backup battery at rear. **Not included.**
9. Two input ports for external sensors.
10. Two output ports for external output devices such as siren and light.
11. External GSM antenna.
12. SIM card **(not included)** for SMS message sending to user in case alarm is triggered.



Specifications

Item	Specification
Power requirement	Powered by external AC adaptor DC6V, 1A
Backup power	<ol style="list-style-type: none"> AAA x 4 pcs alkaline batteries (Not include) External backup battery pack, DC4.8V (located inside battery compartment if AAA x 4 alkaline batteries are not installed). External backup port.(located at rear connector)
ZigBee Wireless communication	<ul style="list-style-type: none"> ZigBee wireless remote control. Based on IEEE 802.15.4. standard 2.4GHz radio frequency
Ethernet port	<ol style="list-style-type: none"> IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N Way Auto-Negotiation IEEE 802.3x Full Duplex Flow Control Support Ethernet: 10Mbps (Half-duplex) Ethernet: 20Mbps (Full-duplex) Fast Ethernet: 100Mbps (Half-duplex) Fast Ethernet: 200Mbps (Full-duplex) Protocol : CSMA/CD Network Media : <p>Ethernet: UTP Cat3, 4, 5 EIA/TIA-568 100-ohm screened twisted-pair (STP) Fast Ethernet: UTP Cat5, EIA/TIA-568 100-ohm screened twisted-pair (STP)</p>
SIM card slot	<ol style="list-style-type: none"> Located inside backup battery compartment Not included, to be purchased by user GSM/ 3G/4G SIM card
Apps	<ol style="list-style-type: none"> iOS and Android mobile device Support 5 clients for 1 CG500SKE SkyEYE Gateway
Inputs	Support maximum 100 inputs, such as CG500MS PIR Motion sensors, external input port.
Local external input port	Two input ports, for external sensors.
Local external output port	Two output ports, for driving the Siren, lights...etc.
Input to output relation	Each input can be programmed to trigger 30 outputs, such as SMS, Dialer, local output ports.
SMS message	Maximum 20 SMS messages can be programmed to 20 different phone numbers.
Dialer	Maximum another 20 phone numbers can be set. So, when user received the call and see the telephone number to know the sensor was triggered.
Operational temperature	0 deg C to 40 deg C
Humidity	5% to 95% non-condensing
Storage	-20 deg C to 70 deg C
Dimension L X W x D (mm)	130x131x40

Dimensions



Understanding of the product

