

# Door/Window Sensor



## Key Features

- 2 (x) AAA battery (3.0V 600mAh) battery powered.
- Ultra-low power consumption: batteries last more than 1 year.
  - Power consumption definition: 20 event detections per day.
- Used as security device and intrusion detection in home security and other applications.
- Low-battery push notification alert from APP.

Module	Door Window Sensor
Power Supply	2 * AAA (3V) battery.
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
Encryption	Yes
Distance	80M open space
Working Temperature	0°C ~ 45°C
Max TX. Power	+4.5dBm
Sensitivity	-97dBm
Channel	8 channel
Freq. Shift	1MHz
RF Current Consumption (Normal)	5mA
RF Current Consumption (Suspend)	20uA

# Thermal/Humidity Sensor



## Key Features

- 3 (x) AAA battery (4.5V 600mAh) battery powered.
- Ultra-low power consumption: batteries last more than 9 month.
- Used as security device and environment detection in home security and other applications.
- Low-battery push notification alert from APP.

Module	Thermal Humanity Sensor
Power Supply	3 * AAA (4.5V) battery.
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
Encryption	Yes
Distance	80M open space
Working Temperature	0°C ~ 45°C
Max TX. Power	+4.5dBm
Sensitivity	-97dBm
Channel	8 channel
Freq. Shift	1 MHz
RF Current Consumption (Normal)	7mA
RF Current Consumption (Suspend)	70uA
Thermal Range	0°C ~ 50°C
Humidity Range	20% ~ 90% RH

# PIR Sensor



## Key Features

- 3 (x) AAA battery (4.5V 600mAh) battery powered.
- Ultra-low power consumption: batteries last more than 9 month.
  - Power consumption definition: 20 event detections per day.
- Used as security device and occupancy detection in home security and other applications.
- Low-battery push notification alert from APP.

Module	PIR Sensor
Power Supply	3 * AAA (4.5V) battery.
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
PIR Detection Distance	3M
Encryption	Yes
Distance	80M open space
Working Temperature	0°C ~ 45°C
Max TX. Power	+4.5dBm
Sensitivity	-97dBm
Channel	8 channel
Freq. Shift	1MHz
RF Current Consumption (Normal)	4mA
RF Current Consumption (Suspend)	60uA

# Remote Controller



## Key Features

- 1 (x) CR2032 battery (3.0V) battery powered.
- Ultra-low power consumption: battery lasts more than 6 month.
  - Power consumption definition: 4 event detections per day.
- Used as security device and alarm system remote in home security and other applications.
- Low-battery push notification alert from APP.

Module	Remote Controller
Power Supply	1 * CR2032 (3.0V) battery.
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
Detect Distance	50M (Open space)
Encryption	Yes
Working Temperature	0°C ~ 45°C
Max TX. Power	+4.5dBm
Sensitivity	-97dBm
Channel	8 channel
Freq. Shift	1MHz
RF Current Consumption (Normal)	5mA
RF Current Consumption (Suspend)	20uA

## RF Smart Plug



### Key Features

- Wirelessly controlled switch
- Up to 10A current.
- Power On/Off control.
- Scheduled power control.
- Smart Plug status information. *(To be added)*

Module	Smart Plug
Power Supply	90V ~ 240V
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
Encryption	Yes
Distance	80M open space
Working Temperature	0°C ~ 45°C
Max TX. Power	+5dB
Sensitivity	-97dBm
Channel	8 channel hopping
Freq Shift	1MHz
RF Current Consumption (Normal)	7mA
RF Current Consumption (Suspend)	70uA

## Smart LED Bulbs



### Key Features

- Wirelessly controlled switch
- Power On/Off control.
- Scheduled power control.
- Smart LED Bulbs status information. **(To be added)**
- Supports Remote Controller to keep the existing way to control LED attributes
  - Brightness Control
  - Color Temperature control (white/yellow)
  - Smart LED Bulbs group control
  - Two types to choose from. (Remote on the left has a disc control for brightness/temperature; Remote on the right has 4 buttons for the same function.)

Module	Smart LED Blulbs
Power Supply	90V ~ 240V
Frequency	2.4GHz
Modulation	GFSK
Data Rate	250Kbps
Encryption	Yes
Distance	80M open space
Working Temperature	0°C ~ 50°C
Max TX. Power	+5dB
Sensitivity	-97dBm
Channel	8 channel hopping

# Smoke Detector



Module	Smoke Detector
Power Supply	DC 9V alkaline battery
Reactive Concentration (smoke)	15% in 30 seconds
Status Indicators	Monitoring: light blinks (every 40 seconds.) Action/Alarm: continuous light blinking and siren warning. (every 0.5 seconds) Battery Low: light blinking and siren warning. (every 40 seconds)
Siren Speakers	Above 90 dB/1M away
Working Temperature	0°C ~ +40°C
Build Material	Flame retardant ABS
Dimensions	102 millimeter (diameter) by 48 millimeter (height)
Weight	Approx. 160 grams
Color	White
Max TX. Power	+5dB
Sensitivity	-97dBm
Channel	8 channel hopping

# Carbon Monoxide Detector



Module	Carbon Monoxide Detector	
Power Source	DC 24V	DC12 V
Standby Current	1 ~ 25 mA	1 ~ 20 mA
Alarm Current	10 ~ 85 mA	10 ~ 55 mA
Sensitivity	50 ppm : 60 ~ 90 min 100 ppm: 10~ 40 min 300 ppm: within 3 min	
Warm-up Period	Approx. 3 mins.	
Alarm Sound	Above 70 dB / 3M away	
Status Indicators	Standby: Red LED flashes (every 60 seconds) Early warning: Red LED flashes (every 3 sec and beeps every 3 seconds) Alarm: Red LED flashes and beeps (every 1 second) Fault: Red LED flashes and beeps (every 10 seconds)	
Working Temperature	-10°C ~ +55°C	
Dimensions	102 millimeter (diameter) by 40.5 millimeter (height)	
Weight	Approx. 150 grams	
Color	White	
Max TX. Power	+5dB	
Sensitivity	-97dBm	
Channel	8 channel hopping	