

# Wulian Smart Home Solutions

IOT opens smart life





What does Wulian Smart Home bring to you ?

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The development of social economy structure, family population structure and information technology makes people propose a higher demand on the safety, comfort, efficiency and transparency of home environment.

More and more families hope that the household products can not only be intelligent, but also simple, convenient, safe and relaxing while their functions and service are expanded. Apparently, our home living style needs to be changed.

From now on, let's enjoy a more environmental friendly, energy-saving and intelligent life.



物联传感. *Wulian.*

智慧生活，从物联启航！  
IoT opens smart life



# Feature of Zigbee Wireless Technology

## ( Realize remote control through mobile smart terminal )

With the advantages of low power consumption, high anti-interference capability and reliability, easy networking and maintenance, convenient expansion and operation, based on the availability to fast deployment at a large scale, wireless Zigbee technology is destined to have a more extensive application in IOT field.

With the participation of wireless Zigbee technology, you can remotely control your home appliances through mobile terminals such as cell phone, tablet PC at anytime and anywhere. It makes your care more obvious and perception more solid.



### **Wireless Gateway :**

It provides a convenient way for the customers to use various mobile smart terminals, and the products based on Zigbee protocol can be easily controlled. A high-speed, safe and reliable transmission of wireless data can be achieved.



### **Wireless Repeater :**

It helps the IOT communication gateway to connect relevant equipment easily, expanding wireless signal and coverage, which makes your life more relaxing and satisfying.

Smart Lighting

Automatic Curtain

Smart Socket

IR Controller

Cloud Safety

Temperature  
and Humidity

Cloud Automatic  
Door

Cloud Gas Detection

Cloud Monitoring

Smart Home Care

Intelligent Villa  
and Garden



Internet



Tablet



Mobile Phone



PC



## Smart Lighting Solution

### Feature of solution :

To achieve light controlling effect by one click through presetting the scene. When the owner comes in, light will turn on and it will turn off when the owner leaves.



#### Wireless Wall Switch :

It is convenient for the users to remotely control switch button through any mobile intelligent terminal.



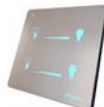
#### Wireless Dimmer Switch :

To adjust the brightness according to the users' needs. It is energy-saving. The light can be remotely controlled to achieve an ideal lighting effect.



#### Wireless Wall Touch Switch :

There is no mechanical contact. It is spark-free and able to protect the gas from explosion. It is safe and convenient to use.



#### Wireless Dimmer touch switch :

No mechanical damage, waterproof and anti-creeping. It is safe, convenient and durable to use.



#### **Wireless Automatic Curtain :**

It can remotely open and close the automatic curtain respectively. The curtain can be stopped at any place as you like. It can also open and close the curtain with preset appliance and lighting setting.

## **Automatic Curtain Solution**

### **Feature of solution :**

When you wake up in the morning, the curtain will open automatically and close when you go to sleep. You just need to make a gesture with a cell phone or controller rather than look for a remote controller everywhere or press the controlling button on the wall.

# Smart Socket Solution

## Feature of solution :

The kitchen is crowded with small appliances such as microwave oven, dish washing machine, bread maker, etc. It is troublesome to operate one by one. When the intelligent mode is set, moving to defaulted mode by one click, you can operate even when you are not in the kitchen. Imagine that you sit in the living room reading newspaper while the bread has been made.



### Wireless Smart Socket :



All the appliances can be controlled freely. Adopt the wireless way to transmit the data, you can click your cell phone to turn on or off the appliances wherever you are. Life can be more fashionable and intelligent.

### Current Detection Socket :



It can detect the parameters such as current, voltage, power consumption and active power. To record and indicate the power consumption of different appliances and directly send relevant information to your mobile phone, urging the users to develop a healthy living habit, bringing a green life to them.

### Wireless Wall socket :



It supports mobile intelligent terminal and wireless network so that the wireless control of socket switch can be realized. Advanced electricity protective measure can effectively prevent the occurrence of electric shock from mistakenly plug by children.





#### **Wireless IR Transmitter :**

It can receive and expand the signal to a more remote place, which can enlarge the space and distance at maximum, making it convenient to achieve remote control.

## **IR Intelligent Controller Solution**

### **Feature of solution :**

To control any equipment which is used with IR remote controller through mobile intelligent terminal such as TV, AC and electric curtain, etc.



## Cloud Safety Solution

### Feature of solution :

Once someone breaks in illegally, the owner can receive an alarming signal and captured photograph by cell phone.



#### Wireless IR Motion Detector :

When someone breaks in illegally, the infrared ray of human body can be detected in real time and a wireless signal will be sent to communication host to realize a real-time monitoring.



#### Wireless Door Magnetic Sensor :

When the door is opened illegally, the magnetic door will send a wireless alarming signal immediately so that the loss and damage can be prevented effectively.



#### Wireless Solar Infrared Electronic :

When there is an object entering the IR sensing zone, this product can send an alarming signal to the intelligent terminal. The user can receive the information and take relevant measure in the first place.



#### **Wireless IOT Smart Home Camera :**

It is not only equipped with all the functions of traditional network camera, but also free of wiring. It is quite flexible to install. It can indicate the smart home appliance states and video image simultaneously.



#### **IOT Residential District Access Control System :**

There is no need to stop the car or open the window. The lift stem can be opened by wireless remote control of cell phone, which is free of the influence of bad weather such as snowstorm.

## **Cloud Monitoring Solution**

### **Feature of solution :**

If somebody enters the monitoring zone illegally, the owner of the cell phone can receive an alarming signal and video photograph, which will notify the police to catch the suspects. This can be really assuring.



### **Wireless Smart Lock :**

It adapts 128K encryption technology, which has not been broken in the world. It can be controlled with cell phone, if the cell phone was lost, others can not open it. You just need to open the lock by contacting your family remotely.



### **Wireless Automatic Rolling Door :**

The cell phone works as a remote controller and a sensor. The status is transparent. It is durable and safe without noise.



### **Wireless Automatic Door :**

Once the cell phone sends a one-key type command, the door can be opened directly, it is equipped with the function of rebounding when running into block. It can prevent clipping damage.



## **Cloud Automatic Door Solution**

### **Feature of solution :**

You can manage and control the door of house and garage by gently clicking the cell phone. The door security of residency can be checked at anytime, which is very convenient and safe.



#### **Wireless Temperature Sensor :**

Each sensor can join the internet freely. There is no need of a particular repeater. High efficiency in real time, low power consumption, and being free of maintenance make it safe and convenient.



#### **Wireless Temperature controller :**

The temperature can be detected on the site in real time, and it can be adjusted according to the temperature and defaulted settings.

## **Intelligent Temperature and Humidity Control Solution**

### **Feature of solution :**

In winter, the air will be cold and dry in the room, hot and humid in summer. The temperature and humidity can be adjusted to a comfortable level by one single click on the cell phone or temperature controller.



# Cloud Gas Detection Solution

## Feature of solution :

Gently touch the mobile phone, the air index in the house can be checked easily which can protect you from harmful gas. It can offer security to you during cooking, creating a safe and fresh home atmosphere.



### Wireless Flammable Gas Detector :

It can detect the gas concentration in the air. It has the function of analyzing whether the fire is true or fake, it has floating automatic tracing and compensation function, which can send a wireless trigger signal automatically to activate the alarm.



### Wireless Carbon Dioxide Sensor :

It is used to monitor the air concentration of certain gas in the air and send the signal wirelessly to the mobile terminal. The intelligent design can automatically turn on or off relevant appliances, which makes you enjoy the comfortable air at any time.



### Wireless Ammonia Gas Detector :

It can monitor the concentration of the ammonia in the environment in real time, and build a linkage with other controlling equipment (exhaust system) according to detected results, especially for special environment such as the basement which is used to store sundries.



### Wireless Smoke Detector :

The smoke concentration in the air can be monitored in real time, the unique built-in smoke collector can effectively prevent the false alarm of dust fog.

# Smart Home Care Solution

## Feature of solution :

It can monitor the blood pressure and blood sugar of every family member at anytime and anywhere. It can reminds the elderly to take medicine timely; If the elderly fell down accidentally, it will send an alarming signal automatically. These functions can effectively take care of the health of every family member, and it works more efficiently for taking care of the elderly.



### Wireless Cloud Body Weight Meter :

It supports wireless network and provides cloud service. The function of weighing, recording, reminding and tracing can be achieved. It has a special cloud storage function, which can be used in any home environment.



### Wireless Full Automatic Blood :

Automatic detection, wireless transmission, cloud-end storage and history tracing can make a seamless connection with cell phone or tablet PC.



### Wireless Emergency Alarm :

Free of wiring and equipped with emergency alarm trigger function, it can send an alarming signal to the mobile intelligent terminal in the first place.

# Intelligent Villa and Garden Solution



## Feature of solution :

In the deep and large villa area, you can get the information of parking area easily through cell phone. In the huge lawn garden, you can realize the intelligent irrigation by your mobile phone. There is something else you can do, such as checking the surrounding noise and people flow around this villa. Then the security can be ensured.



### Wireless Irrigation System :

It can divide the irrigation area into groups at different time with varied irrigation quantity under one tap according to different characteristics of plants through cell phone. You can change the irrigation policies without visiting the site.



### Wireless Noise Detector :

It can monitor the surrounding noise data in 24 hours in real-time providing the consumers with the information to choose location, obtain evidence and confirm the position. The environmental protection department can use this to detect, trace and confirm the noise source.



### Wireless Parking Sensor :

It can save your time by building a real-time parking information system, intelligent parking guidance system and real-time free parking delivery system at a higher speed with a lower cost.





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