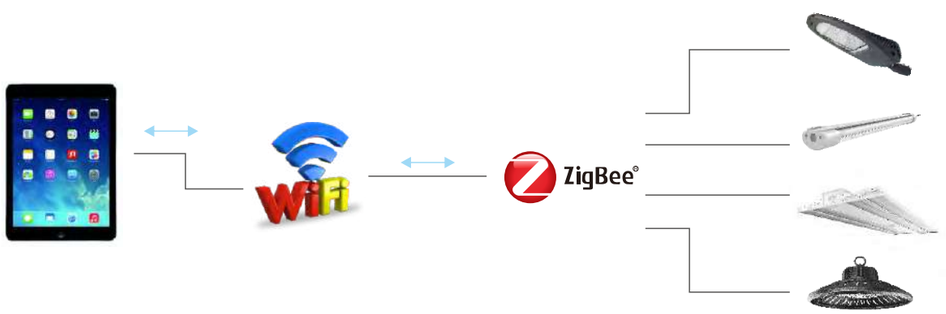
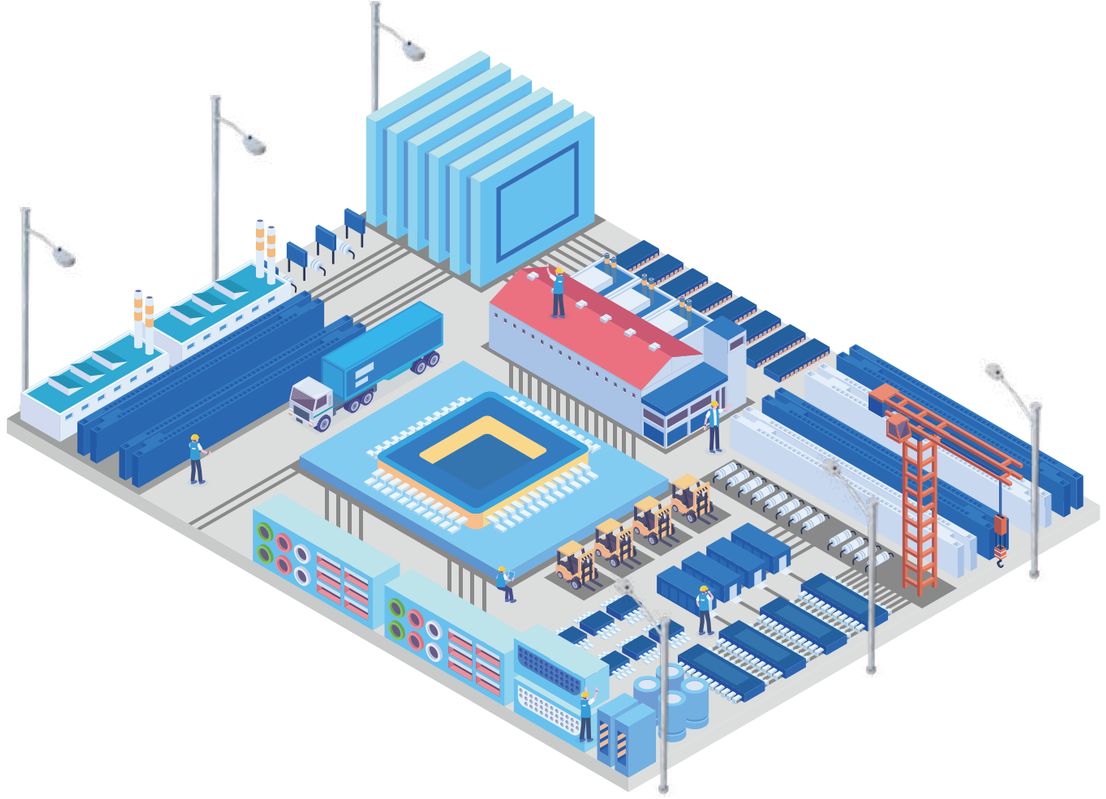
ZIGBEE CONTROL SERIES

1. 2700K / 6500K two types of LED / RGBW four types of LED
2. 802.15.4 ZigBee communication protocol
3. Dimming and change CCT / Color by APP
4. With timing function
5. Setting group and various scenes
6. Multi voltage 100-240V 50~60Hz
7. 40,000 hours lifetime

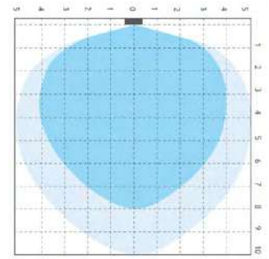


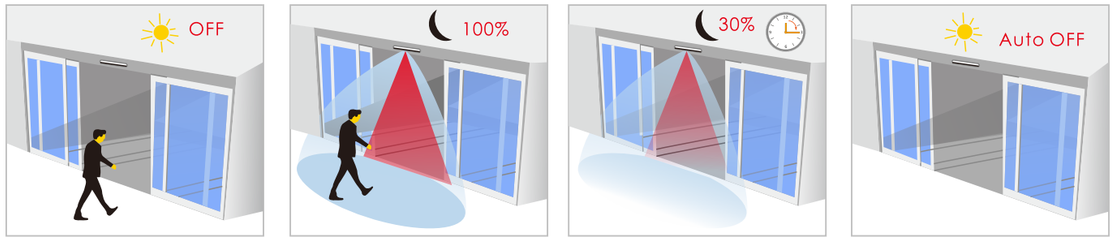
SCHEMATIC DIAGRAM OF
HOME INTELLIGENT CONTROL

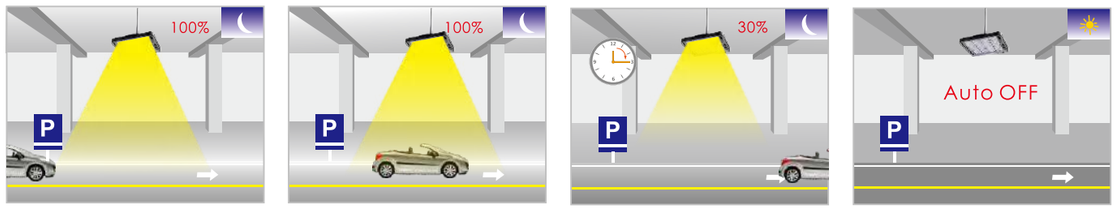


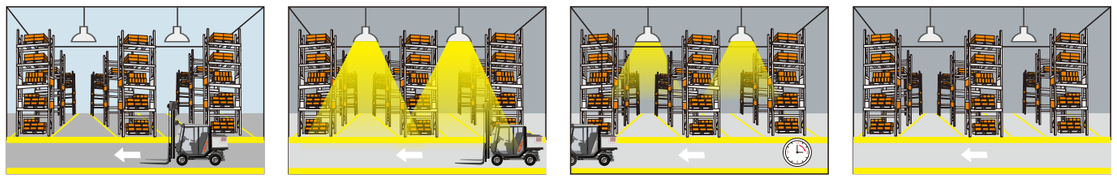
Photoelectric+Microwave Motion Sensor 2 in 1

1. The 2-in-1 sensor is more sensitive and reliable than other sensors. It would not be incorrectly turned on by moving objects during the daylight due to the photoelectric part working as priority
2. It's easy to install, providing high probability of detection, low nuisance alarms and resistance to rain, fog, wind, dust, falling snow and temperature extremes
3. It can maximize detection performance and minimize interference from external radar sources. The detection zone could reach 15 meters distance
4. The delay time (5s-60 mins) could be programmed as you wish
5. Lower Standby power consumption
6. Auto turn off in daytime









With sufficient ambient light, the sensor does not switch on the lamp.

With insufficient ambient light, the sensor switches on the lamp when motion is detected.

After hold time, the sensor dims the lamp at a low light level if no new motion trigger.

After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.

With sufficient light, the lamp doesn't switch on.

With insufficient ambient light, then sensor switches on the lamp when motion is detected.

After hold time, the sensor switches off the lamp when no motion is detected.

iSense Smart Control System

The iSense Bluetooth intelligent control system with two kinds network set-up methods: one is mobile phone direct connect or communicate with the the control nodes, another method is throught the mobile/PC connect the gateway, then connect to the single control node.

Features of mobile phone direct control: no need the gateway, mobilephone connect to the nodes through bluetooth signal, easy to operate, fast, safe and flexible.

Features of the with gateway control : Gateway integrated into the control node, no extra central controller required(can save total barget), gateways connected each others by mesh network, If one of the gateways fails, the system automatically switches the alternative gateway to ensure the normal operation of the system.

Account management : with a multi-level rights management, managing multiple areas with different gateway configurations, and securely access control and configuration functions.

(Close field mobile direct connect and control)

Bluetooth solution | CHARACTERISTICS

Electrical parameters

Work voltage	NEMA 85-305VAC / ZHAGA 12V
Work temperature	-40° ~ +85°
Input frequency Range	47HZ-63HZ
Surge protection:	L-N:10KV
Dimming	0-10V
Standby power	< 2W

Wireless communication parameters

Communication mode	Bluetooth 5.0 low energy and above
ISM band	2.4GHz
Transmitting power	< 19dbm
Communication distance	< 400M
Group control technology	BLE+MESH

Operating system parameters

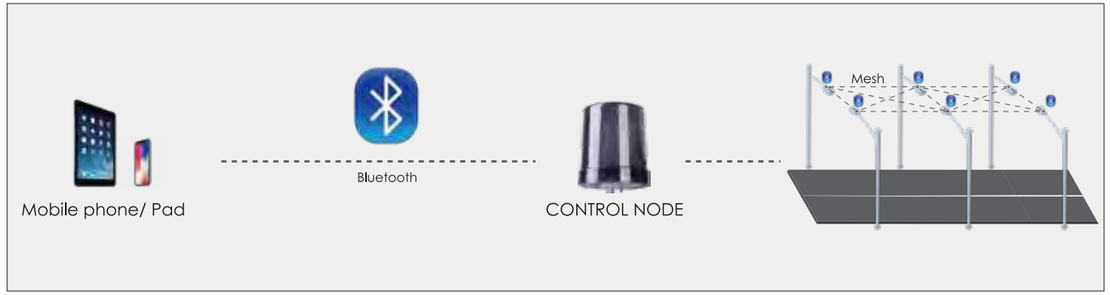
Operating system	Android version 5.0 and above IOS version 10.0 and above
Display resolution	720x1280 and above

Security considerations

Communication Security technology	AES CCM encryption
Account security management	Customer access key

Certification qualification

Compliance criterion	CE/ROSH BQB



(Long distance connect through gateway)

SMART LIGHTING POLE

Smart city is a new concept of urban development. It is a new method to promote the transformation of government functions and promote social management innovation. The goal is to make the infrastructure more intelligent, public services more convenient, social management more refined, ecological environment more livable, and the industrial system more optimization.

Smart management is to use a new generation of information technology to perceive, monitor, analyze and integrate urban resources, and to respond quickly, flexibly and accurately to various needs including people's livelihood, environmental protection, public safety, urban services, industrial and commercial activities, etc. The public creates a green and harmonious environment and provides a wide range of convenient and efficient services.

As an important part of a smart city, the Smart light pole is one of the public service infrastructures of smart cities. It is of great significance to integrate it better into the tide of smart city construction. The smart light pole is a multi-dimensional complex system integrating the Internet of Things, cloud computing and big data. It has the functions of a new urban lighting system, and integrates communication base stations, video surveillance, Led advertising screens, broadcasting, WIFI, one-touch calling, and charging piles new public service infrastructure.

Intelligent lighting
Realize remote control switch lights on and off, dimming, energy consumption statistics, fault alarms, etc.

Weather station
Small weather environment monitoring station that can monitor various environmental data such as temperature, PM2.5 , PM10, etc.

WIFI
WIFI convenient Internet access, user analysis, etc.

RFID
Electronic label, fixed asset management, location tracking, etc.

Advertising screen
Advertising operations, government promotion, emergency information release

Broadcast
Emergency broadcast, announcement, background music, citizen entertainment, etc.

Manhole cover inspection
Manhole cover opening warning, unusual action alarm, inspection management, etc.

Communication base station
Equipped with 5G base station to achieve 5G signal coverage

Intelligent monitoring
Security monitoring, vehicle monitoring, linkage alarm, etc.

Automatic spray
Cooling and dust reduction, effectively reducing PM2.5 and PM10 index to improve air quality

One-touch call
Can make a promotion call in case of emergency, respond to unexpected situations

Charging pile
New energy vehicles, mobile phones, battery car charging

Geomagnetic vehicle detector
Parking monitoring, parking space management, traffic guidance, etc.

Smart garbage can
Garbage statistics, overflow alarm notification, automatic compression, weighing real-time statistics

SMART LIGHT POLE

Function

- ○ Signal light
- ○ Indicator
- ○ Electronic police
- ○ Charging pole
- ○ Scene mode
- ○ RFID
- ○ Sensor
- ○ Water level monitoring
- ○ WIFI
- ○ 5g base station
- ○ LED Screen
- ○ One button alarm + walkie-talkie
- ○ Information broadcast
- ○ Environmental weather monitoring
- ○ Noise monitoring
- ○ Illegal Parking monitoring
- ○ Red light breaking monitoring
- ○ Traffic flow monitoring
- ○ People flow monitoring
- ○ Face recognition
- ○ Camera
- ● Intelligent Lighting

● Basic Function ○ Optional Function