



Focusing on IoT sensing Interconnection of smart things

Shenzhen Multi IR Technology Co., Ltd
www.mirsz.cn

01 Company Profile



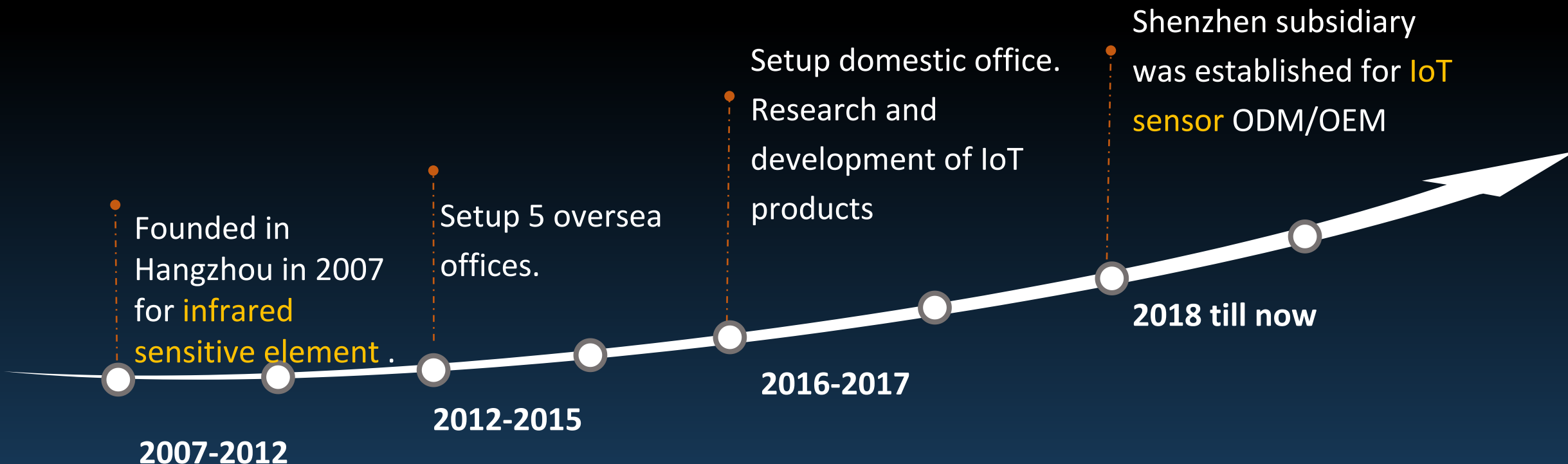
History

Hangzhou Multi IR Technology Co., Ltd

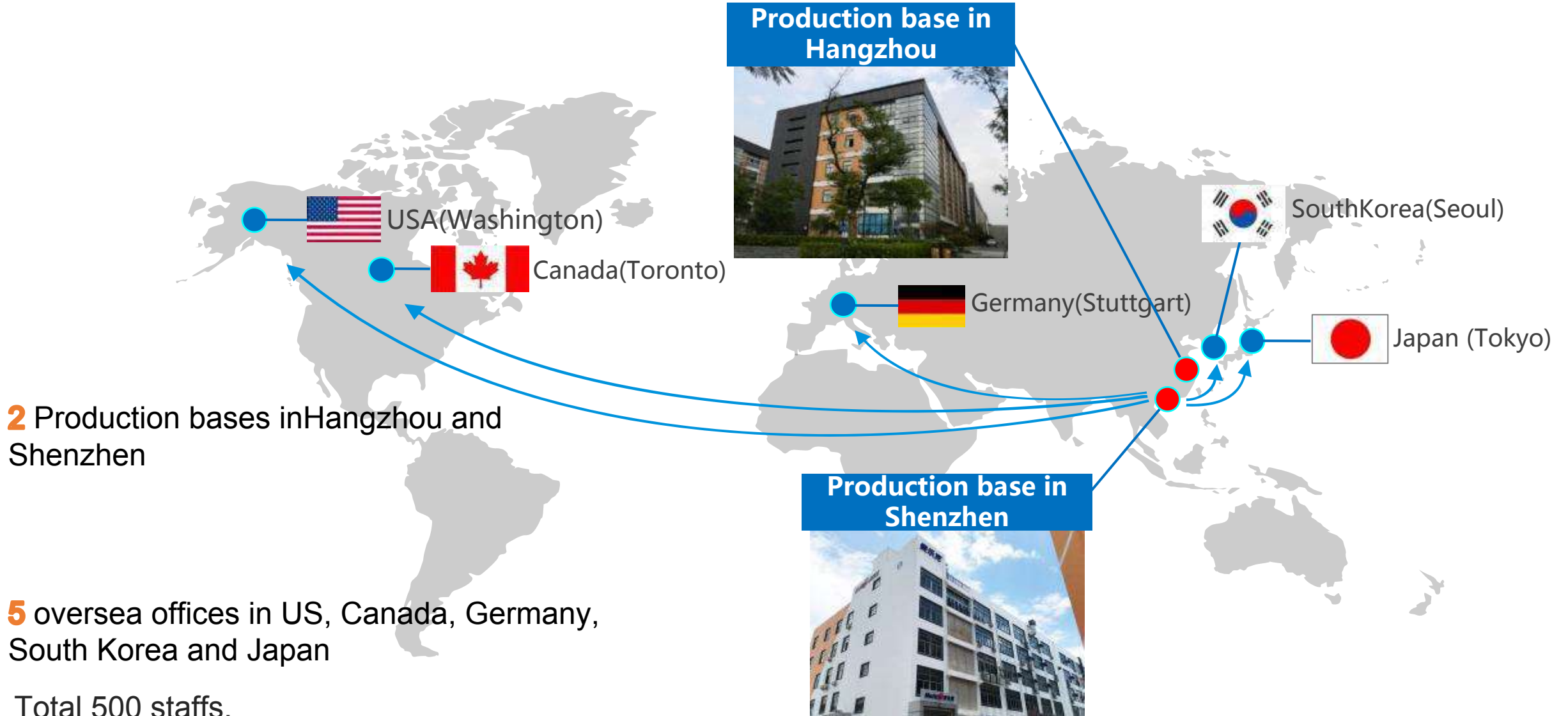
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Company Map



02 ODM / OEM



Strong R&D Team

3 R&D centers, located in Germany, Hangzhou and Shenzhen

MULTIIR team made up by experienced engineers

70 professional engineers hardware and software, structure, ID and so on who are experienced in IoT

Germany R&D center



Shenzhen R&D center



Hangzhou R&D center



Fast design and development

MULTIIR elite designers are experienced to support our powerful design ability; therefore we can provide integration and suitable design service.

200+

successful
design program

50+

listed
products

20+

design patents

- ID design
- structure design
- soft/hardware design
- mould design

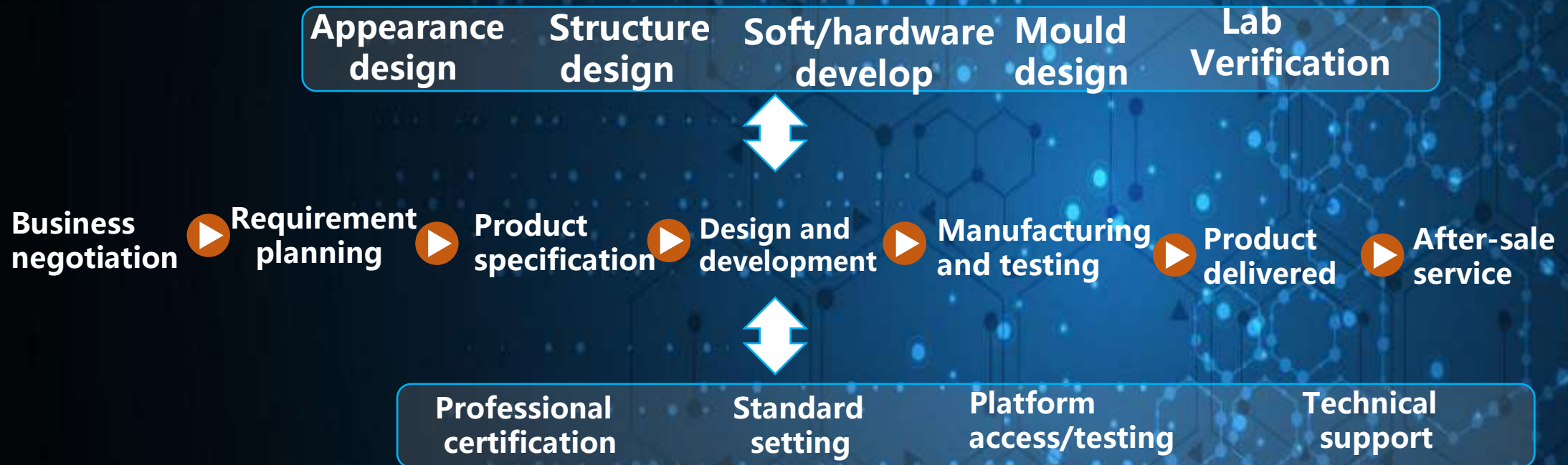
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ODM Process



Technologies

Sensing detection Technology

Induction of human body | smoke detection |
composited gas detection | various wavelength
infrared filter technology | air quality detection

IOT wireless transfer Technology

Zigbee | Lora | Z-Wave
WiFi | bluetooth | RF radio
frequency

.....

Application platform Technology

IOT cloud platform | edge of computing fast chain
technology APP development technology

.....

Patents

We preserve in independent innovation, repeatedly acquire various patents; master IOT technology, domain and can catering consumers' needs in time.



125 Application patents
45 Invent patents
73 Sensing technology patents

Certification



Management System Qualification

ISO9001: International standard for a quality management system 2015

ISO14001 : Environmental management system

ISO45001 : Occupational Health and Safety

Quality Certification

CCC, CE, RoHS, FCC, EN, KCC

03 Quality Control



➤ Standard Process for Stable Performace



IQC



**Raw material
warehouse**



SMT



Automated Optical Inspection dual in-line package



Function test



Aging test



**Assembling and
packing**



QA



**Finished products
warehouse**

➤ SMT Production Line

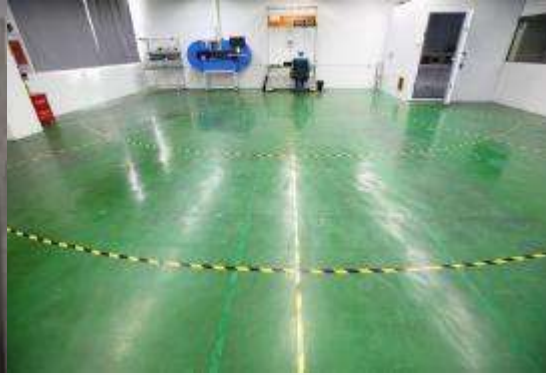


All our production equipments are imported from Germany and Japan.

➤ Full Functional Test



high&low temperature test



simulation test



consumption test



Platform system test



1. static testing, surge test, Pulse test, withstanding voltage test, button life test.
2. Smoke testing, high&low temperature testing, drop test, vibration test
3. Wireless RF test, current test, consumption test.
4. Smoke density test, gas density test, PIR distance and angle test

04 Products Introduction





Smart Gateway/ Hub

WiFi to Zigbee signal

Safe encryption

Support total 32 zigbee devices

One button to reset.



PIR Motion Detector

**360° Full Angel Adjustable
Ease-of-installation**

suction
Base

360°
Adjust

Easy
Install

Temperat
ure
Compens
ation

No False
Alarm



Magnetic Switch

**Low Battery Consumption,
1 year Lifetime**

Tamper

25mm
Active
Distance

Avoid
False
Alarm



Temperature and Humidity Detector

LCD Display

Low
Consump
tion
LCD

$\pm 0.3^{\circ}\text{C}$
Tolleranc
e

Signal
Display



Water Leak Detector

No false alarm

Free from
Installation

IP66
Waterproof

Sensor
foot
adjustabl
e

Low
power
indicaiton



Emergency Button

One-Click for Help

Low
consump
tion

Low
power
reminder

Smart
Linkage

Timely
report



Combustible Gas Detector

**High Sensitive
More Accurate**



Wireless Smoke

Photo-electronics maze
365*24hr working time

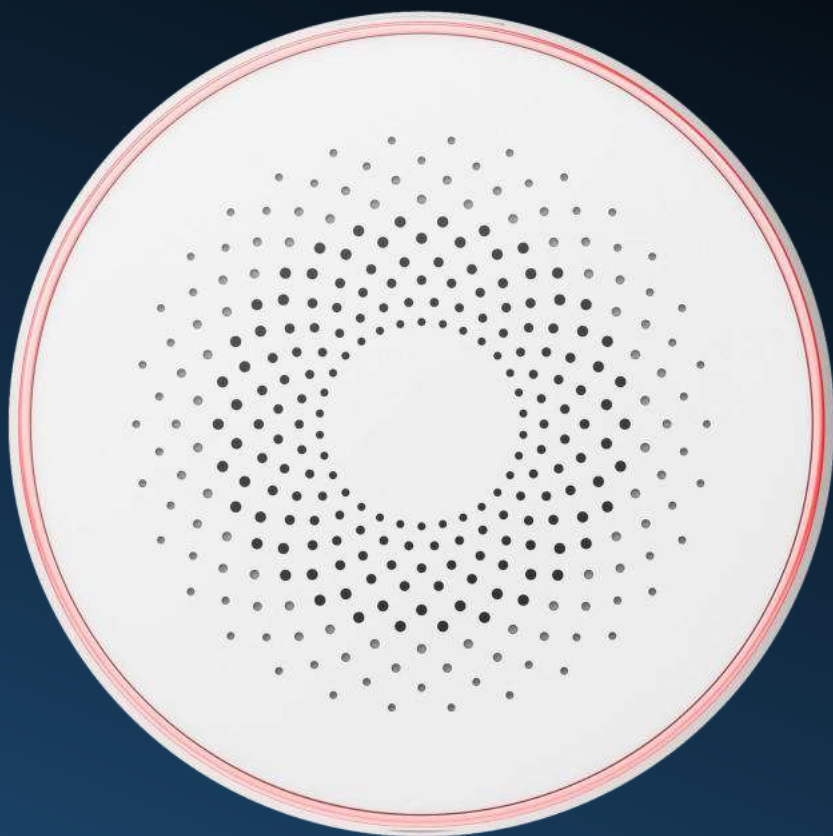
Smoke
Heat

Electric
Maze

Long
Life

Low
power
remind

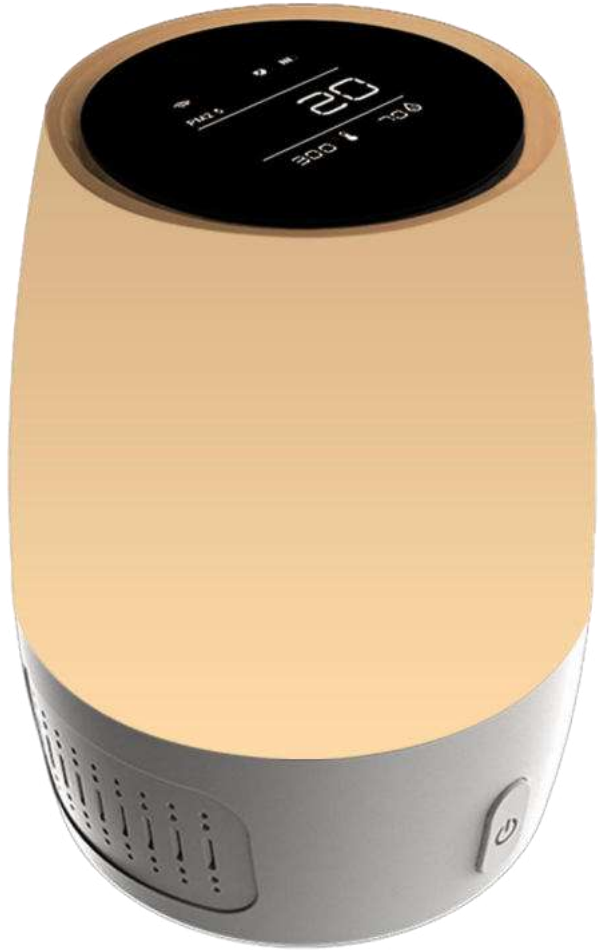
Stable
Performanc
e



Wireless Alarm Siren

1. Zigbee protocol;
2. Sound and flash alarm.
3. On-site alarm, $\geq 100\text{dB}$;
4. Anti-tamper function;
5. Timely status reports;
6. DC 12V external power
7. 3.7V Lithium battery





Smart Air Quality Tester

ZigBee
3.0

PM2.5

Temperat
ure and
humidity

formald
ehyde

VOC



Smart Environmental Tester

PM2.5

Temperature and humidity

WIFI

ZigBee

APP data search

Smart Air Detector



PM2.5

Temperature
and
Humidity

formaldehyde

VOC

CO2

APP
Review

Smart
linkage

Bluetooth



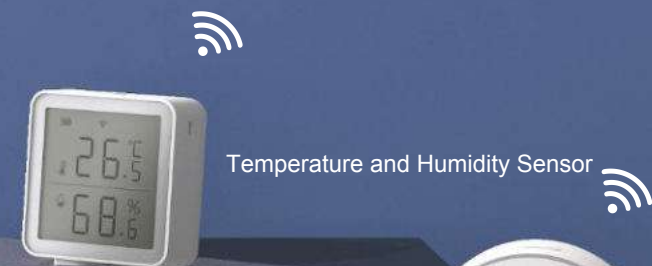
reddot winner 2020



WiFi

Multi*IR* 麦乐克

Battery powered
Low power consumption
6 months battery life



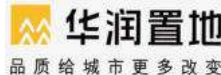
05 Our Partners

Our Partners

Airspace



Real Estate



IoT Field



Platform



Operator



Electronics/
Lighting



Home
Deco



**We strive hard to be the world
leading sensing technology provider.**
