The Internet of Things

CONTACT SENSOR

BUTTON CONSOLE

POWER SWITCH(US)

IP CAM

AI TRANSDUCER

SOS BUTTON

DOOR BELL

MOTION SENSOR

SMOKE SENSOR

RFID READER

T&H SENSOR

POWER SWITCH

ALARM SWITCH

LAMP CNTROL
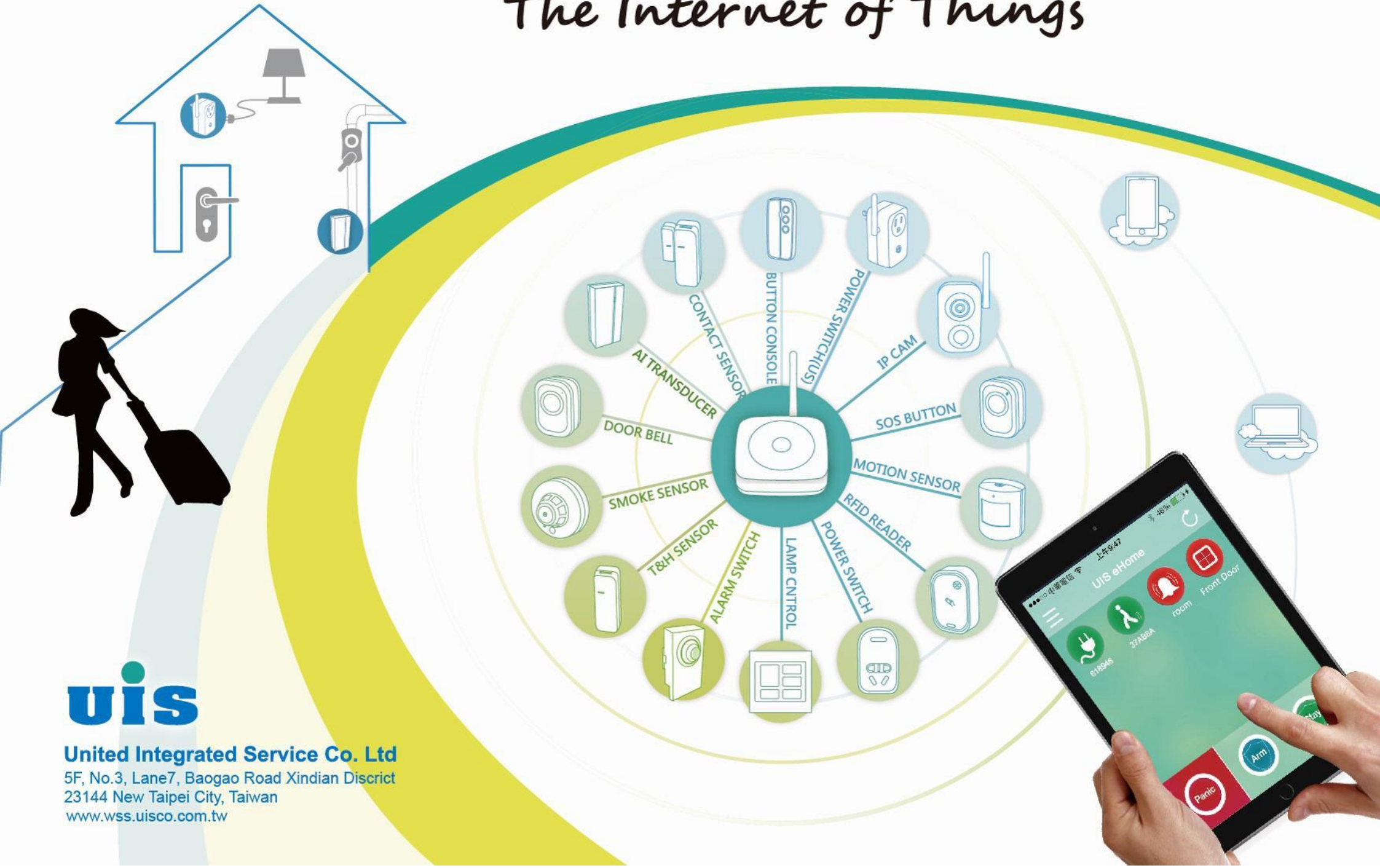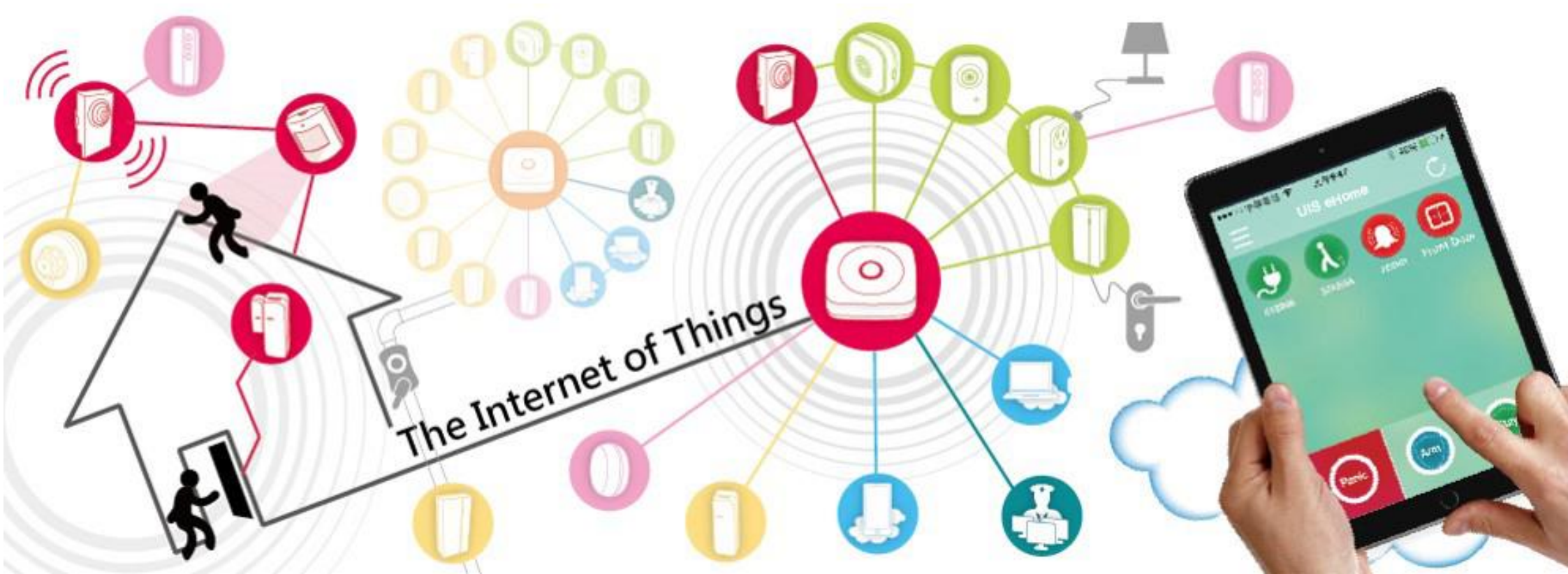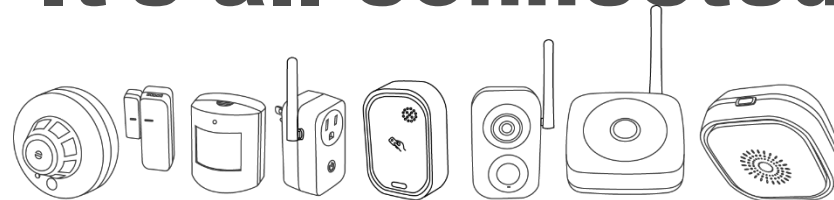
uis

United Integrated Service Co. Ltd

5F, No.3, Lane7, Baogao Road Xindian Discrict
23144 New Taipei City, Taiwan
www.wss.uisco.com.tw

It's all connected

United Integrated Services Co., Ltd

Founded:	**Sept. 20th, 1982**
Type:	**Public**
Headquarter:	**Xindian, Taipei Taiwan**
Capital:	**1.9 billion (NT Dollars)**
Revenue:	**23.9 billion (NT Dollars)**
Business Activities:	**Construction Management**
	Design & Construction Service
	Wireless Smart Home System
Employees:	**Over 700 staffs**
Certification:	**CE/FCC/NCC/RoHS**

UIS (Beijing)
UIS (Suzhou)
UIS (Jiangxi) — UIS (Shanghai)
Headquarter (Taiwan)
UIS (Singapore)

Wireless Security System

新光保全

Wireless Smart Home System

uis

Security

Motion Sensor
·Pet-Immune function
·Low battery alert function
·Efficient power consumption

Contact Sensor
·Low battery alert function
·Efficient power consumption

Smoke Sensor
·Photoelectric optical detection
·Built-in Buzzer
·Low battery alert function

Button Console
·Multi-Functional Arm / Disarm / Emergency
·Efficient power consumption
·Support automation application

Panic Button
· Up to 1 year battery life
· Efficient power consumption

Home Gateway
·Burglar-Proof
·Anti-Disaster
·Emergency alert

Siren Switch
·Loud sound 80db@ 30M
·Low battery alert function
·Efficient power consumption

IP Camera
·Support H.264 / M-JPEG / MPEG
·Voice intercom function
·Night vision / Motion detect

Automation

Power Meter Switch
·Equipped with a router function
·Switch Link: Linked with other sensors
·Monitor power consumption for energy saving

Lock Switch
·Monitor & open the door remotely
·Control the 3rd party electronic lock

RFID Card Reader
·Wireless range up to 150M
·Battery life up to 1 year
·Voice support

Rolling Door Controller
·Wireless range up to 300M
·Battery life up to 1 year
·Camera link to live view

Digital Input Transducer
·Monitor the 3rd party industrial detector status
·Switch Link: Linked with other sensors
·Efficient power consumption

Contains *Network, Security, Automation* at *smart home appliance*
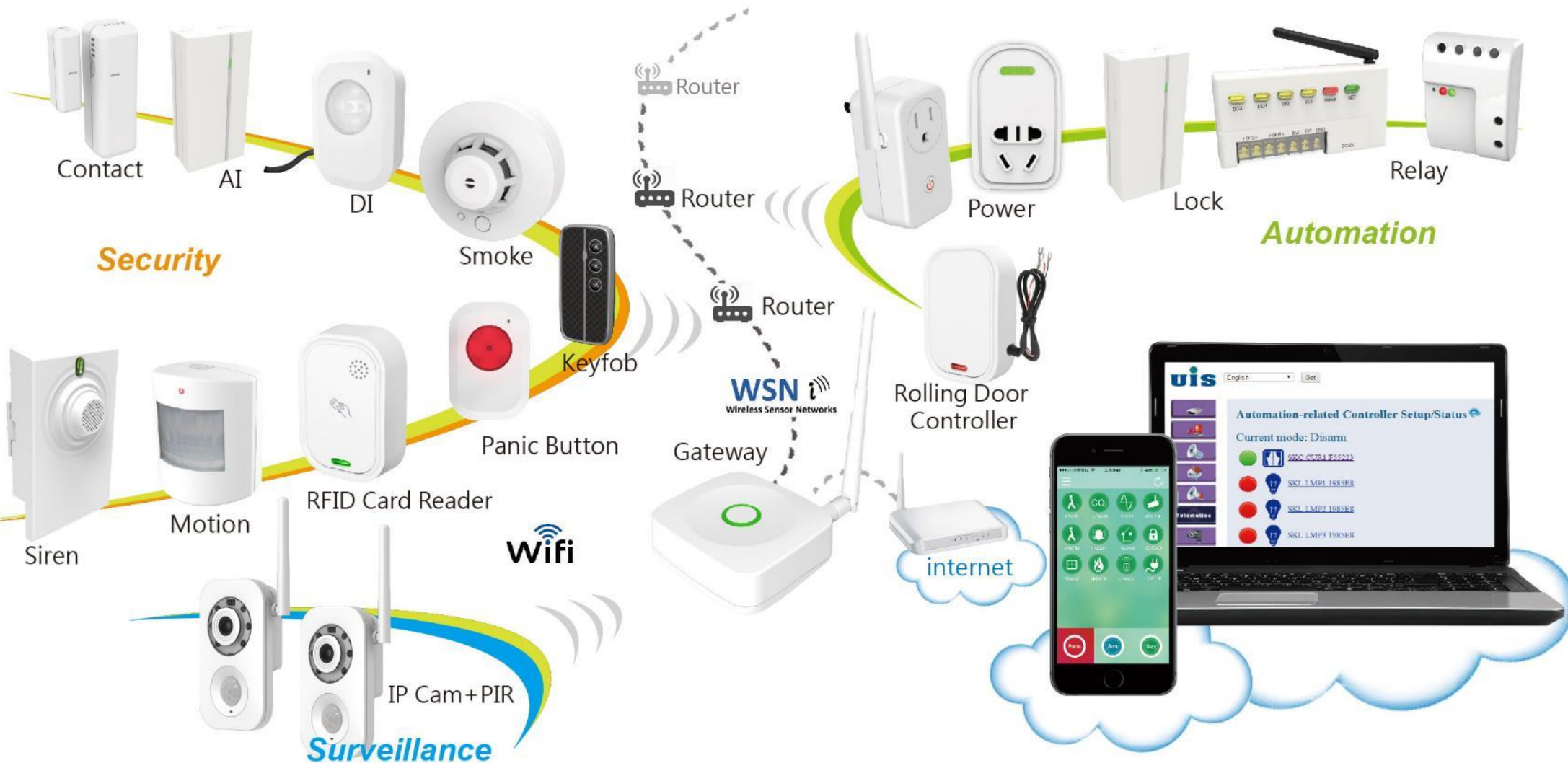
Security

- Contact
- AI
- DI
- Smoke
- Keyfob
- Panic Button
- RFID Card Reader
- Motion
- Siren

Surveillance

- IP Cam+PIR

Router
Router
Router

WSN i
Wireless Sensor Networks

Gateway
WiFi
internet

Rolling Door Controller

Automation

- Power
- Lock
- Relay

Automation-related Controller Setup/Status
Current mode: Disarm

Wireless Smart Home System

uis

Contact

Motion

Smoke

Siren

Camera Recording

Gateway

- Security -

APP Notification

Alarm
Contact sensor Front Door

OK

uis
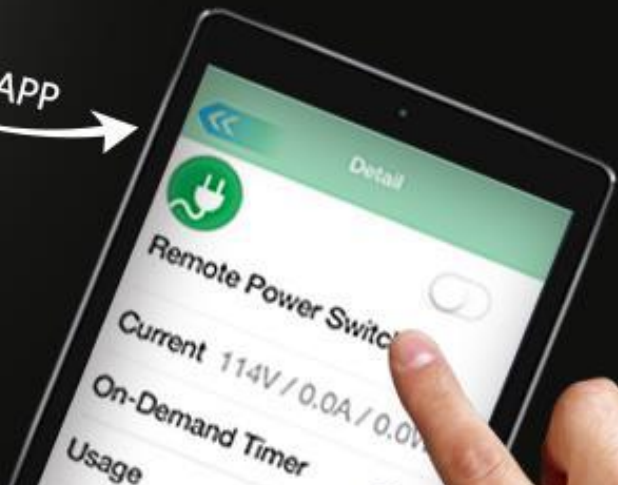
Wireless
Smart Home System

Motion

Contact

Panic Button

Remote Power Switch
Current 114V / 0.0A / 0.0W.
On-Demand Timer
Usage
ON

Smart Switching

Lock

APP Notification

Gateway

- Elder Care -

PANIC
DADDYs ROOM
OK
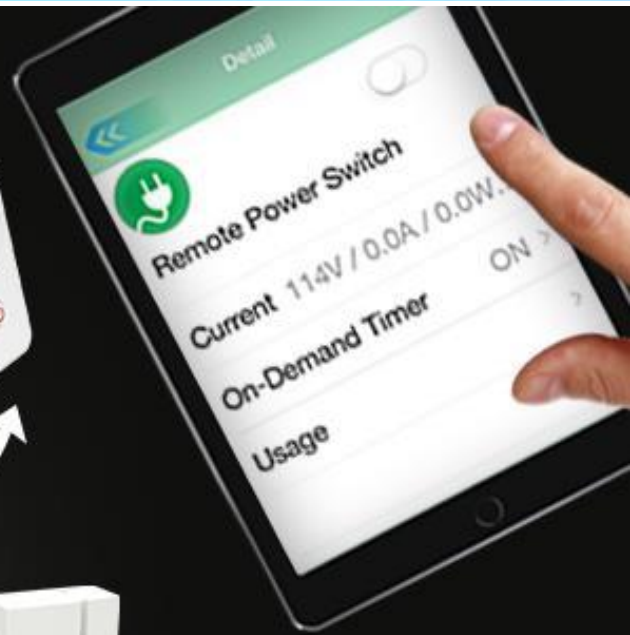
Technology Highlight

- **Total Solutions from Home to Industrial Access**

- **Unified Devices to Provide Customer-tailored Service**

- **ZigBee Standardization for Best Practice**

| ZigBee Home Automation 1.2 | MODBUS, UART, CGI, 6LowPAN (planning) | UART / SPI / I2C, RS485 ZigBee USB Dongle |

Protocol

Device Type:
Coordinator
Router
End Device

Auto Join
Touch Link
RSSI Tech.

Certification
CE / FCC

Communication

Flexible Service, Customized Deliverables, and Accountability

Highlight Feature (Auto Join)

Easy to Install
Easy to Setup
Easy to Use

Enable WiFi / Tab APP icon

Login / Start system setup
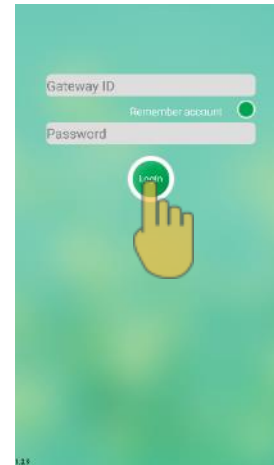
Start device setup
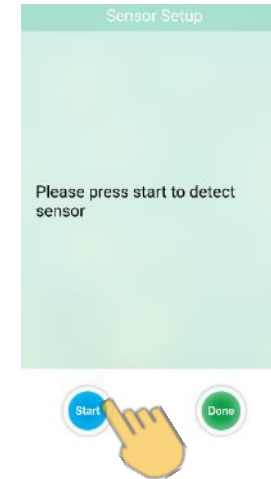
Power on devices

Reboot
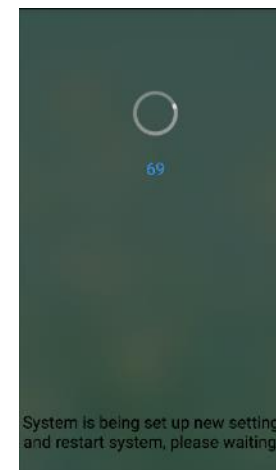
Main Page
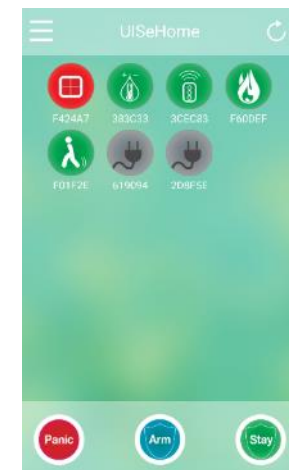
APP Management

UIS eHome

Specific zone will be armed while Partial Arming

Touch Switch Link to configure the link setup

View the latest event log stored

View the event-trigger video list

Backup/restore the system settings

SETTINGS
Zone Settings
Switch Link
Camera Link
Color selection
MISC SETTINGS
LOGOUT

INFORMATION
System Log
Video Event
Network Information
Video Quality — Low Quality
SETTINGS
Change Password
Network Settings
Alarm Delay
System Configure

UIS eHome

Security   Safety   Signal   Control
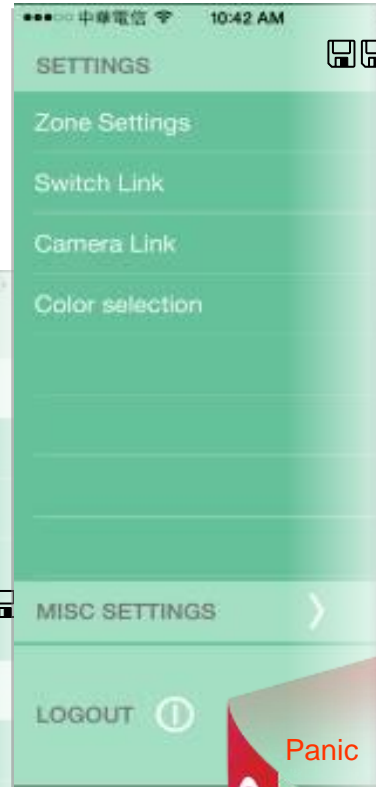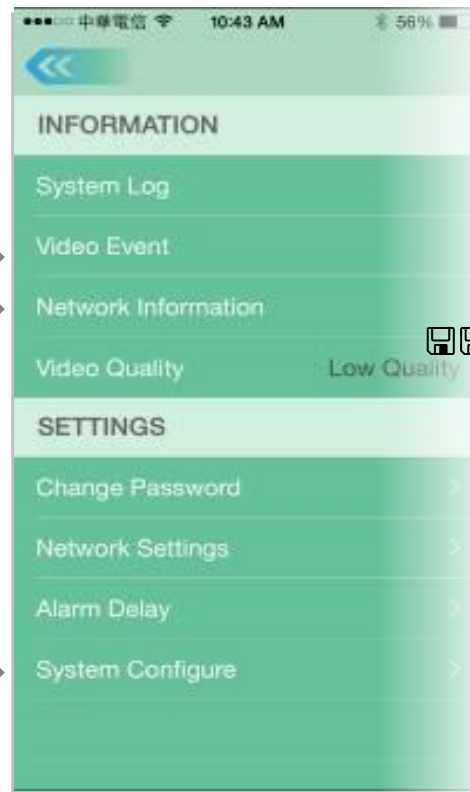
Panic   Arm   Stay

Panic
Full Arm
Partial Arm
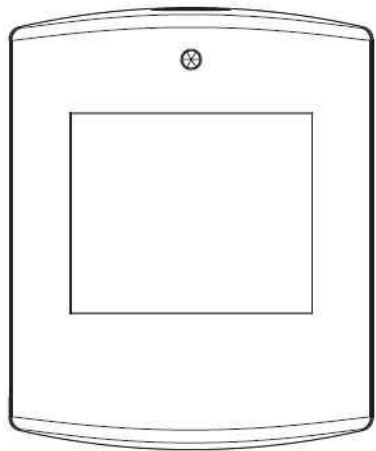
Motion
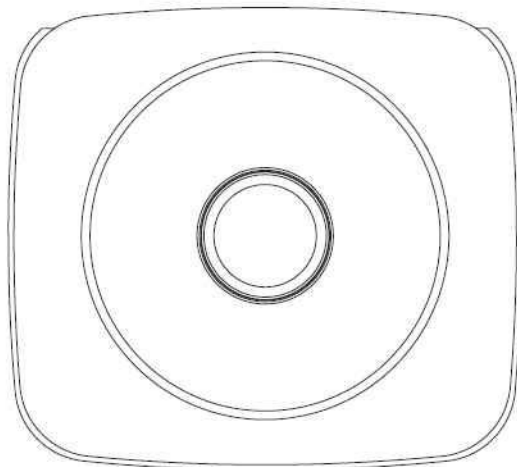
Gateway
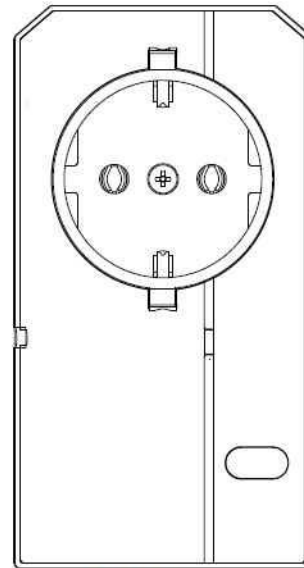
Smart Plug-EU
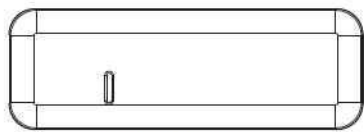
Contact Sensor
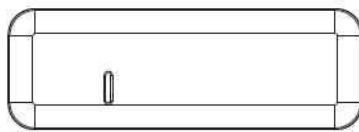
Contact Sensor

Magnet
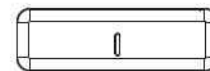
Magnet

Suggest Entry Level

尺寸 : 300 x 160 x 100 (mm)

主機一台(內建警報聲音)。
PIR(紅外移動偵測)一台,可放置在室內角落, 補門磁數量的不足。
門磁 2顆,安裝在前後門。
智能插座(可延長無線傳輸距離,同時也能觸發後開燈) Switch Link。

NGW 400
Wireless Gateway

Electrical Specification	
Transmit Frequency	IEEE802.11b/g/n/11n: 2412 ~ 2472MHz(WIFI) IEEE802.15.4 ISM band: 2405 ~ 2480MHz (Zigbee) 925-MHz ISM band FSK(RF)
Operation Range	Up to 200 meters (LOS)
Power Consumption	Working: max 1.5A
LED Indicator	Blue/Green / Red LED Status: Trigger LED Flash Join LED Flash
Operation Interface	Push button switch for setting
AC Adapter	AC Input: AC 100V~240V 50Hz~60Hz 0.2A DC Output: DC 9V 2A (up)
Battery Type (Option)	Polymer Battery
Battery Life	10m(min)
Low battery life	10m(max)
IP Camera Connection	Max 3 Dual Stream (640x480@15 fps~ / 176x144@5 fps~)
Interface	1 x USB 2.0 ports (Host) 5 x RJ45 10/100/1000 Mbps Gigabit port (1 WAN / 4 LAN)
Siren	85dB (1M)
WPS	Yes
4G General features	Option

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	•208 x 138 x 47mm(with antenna) •208 x 166 x 187mm(w/o antenna)
Weight (w/o Battery)	500g4 (with antenna, w/o accessories)

NGW 230A
Wireless Gateway with Siren

Electrical Specification	
Transmit Frequency	IEEE802.11b/g/n: 2400 ~ 2483.5MHz IEEE802.15.4 ISM band: 2405 ~ 2480MHz
Communication Protocol	Zigbee ZHA1.2
Operation Range	Up to 300 meters (LOS)
Power Consumption	Working: max 350mA
LED Indicator	Green / Red LED Status: Trigger LED Flash Join LED Flash
Operation Interface	Push button switch for setting
AC Adapter	AC Input: AC 100V~240V 50Hz~60Hz 0.2A DC Output: DC 5V 1A (up)
Battery Type (Option)	Polymer Battery
Battery Life	10m(min)
Low battery life	10m(max)
IP Camera Connection	Max 3 Dual Stream (640x480@15 fps~ / 176x144@5 fps~)
Interface	2 x USB 2.0 ports (Host) 2 x RJ45 10/100 LAN port (1 WAN / 1 LAN)
Siren	85dB (1M)
WPS	Yes
4G General features (Option)	• WCDMA Dual-Band 900/ 2100 MHz • HSPA+ • GSM/EDGE Quad Band: 850/900/1800/1900

Environmental Requirement

Operating Temperature	$0°C$ ~ $40°C$ ($32°F$~$104°F$)
Storage Temperature	$-20°C$ ~ $70°C$ ($-4°F$~$158°F$)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	100mm x 90mm x 34.5mm
Weight (w/o Battery)	147g

NCM 230A
Wireless Network Camera

Electrical Specification	
Operation Range	Up to 100 meters (LOS)
Power Consumption	Standby : 250mA Working: 350mA
LED Indicator	Red 1PCS, LED Status: Trigger LED Flash Join LED Flash
Operation Interface	Push button switch for setting
AC Adapter	AC Input: AC 100V~240V 50Hz~60Hz 0.2A DC Output: DC 5V 1A
PIR Detection Range	Angle: 90°, Length: 6M
Sensor Type	1/4" 1.3 Megapixel CMOS sensor
Lens Type	3.6mm @ F1.6
Camera Sensitivity	2Lux (AGC On)
IR Distance	3~5 Meter
Audio	Input : Mic built-in, Output :Speaker
Video Resolution	1920x1080@15fps
CMOS Setting	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Speed adjustable, Sense-Up, D-WDR, Flip, Mirror, Noise reduction, Day& Night adjustable
Compression Format	H.264/ M-JPEG/ MPEG4
Wireless	802.11 b/g/n
Security	WPA2

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	a. Camera
	■ 172 x 78 x 31.8 mm (with antenna)
	■ 112.6 x 65.2 x 31.8 mm (w/o antenna)
	b. Bracket ■ 75 x 75 x 119.8 mm
Weight (w/o Adaptor)	73g
(w/ Adaptor & Bracket)	288g

United Integrated Service Co., LTD.
Wireless Security System Division

WPW 220A
Wireless Power Switch (US)

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
Operation Voltage	100~120VAC
LED Indicator	Blue 1PC/Red 1PC LED Status: Relay (ON/OFF)
Operation Interface	Push button
Resistive Load	10A/120VAC, 1200W max
Inductive Load (Single Face)	0.5HP/120VAC
Over Current Protection	11A
Output Load Current Range	1~10A±10%
Output Load Power Range	30~1200W±10%

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	82mm x 59.5mm x 53.7mm
Weight	77g

WPW 220E
Wireless Power Switch (EU)

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
Operation Voltage	100~240VAC
LED Indicator	Red 1PC
Operation Interface	Push button
Resistive Load	10A/240VAC, 2400W max
Inductive Load (Single Face)	1HP/240VAC
Over Current Protection	11A
Output Load Current Range	1~10A±10%
Output Load Power Range	30~1200W±10%

CE

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	53mm x 100mm x 72.5mm
Weight	102g

WPW 220C
Wireless Power Switch (CN)

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
Operation Voltage	100~240VAC
LED Indicator	Red 1PC
Operation Interface	Push button
Resistive Load	10A/240VAC, 2400W max
Inductive Load (Single Face)	1HP/240VAC
Over Current Protection	11A
Output Load Current Range	1~10A±10%
Output Load Power Range	30~1200W±10%

Environmental Requirement

Operating Temperature	$0°C \sim 40°C$ ($32°F\sim104°F$)
Storage Temperature	$-20°C \sim 70°C$ ($-4°F\sim158°F$)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	53mm x 100mm x 56mm
Weight	92g

SCT 300
Wireless Contact Sensor (RF)

Electrical Specification	
Transmit Frequency	IEEE802.15.4g ISM band: 925MHz(Sub 1G)
Operation Range	Up to 200 meters (LOS)
Power Consumption	Working: max 38mA Standby: max 2uA (open), max 4uA (close)
CPU	CC1310
LED Indicator	Blue 1PCS, LED Status: Trigger LED Flash, Join LED Flash
Operation Interface	Push button switch for setting &reset
Operating Voltage	6.0 VDC
Battery Type	Manufacturer: VARTA Microbattery Pte. Ltd , CR123A Battery (3V) x 2 Primary Lithium battery must be certified by IEC60086-4:2019
Battery Life	~2 year (Day Trigger 4Times)
Low battery life	3 Weeks
Sensor Type	Magnetic real relay
Magnet effective distance	0~3cm Dynamic setting
Environmental	Operating Temperature 0°C ~ 40°C Storage Temperature -20°C ~ 70°C Humidity 90% RH Max, Non-Condensing
Mechanical Specification	Material PC+ABS Dimension (WxHxD) 20.8 x 120.5 x 26.8mm (with antenna) 12 x 39 x 14 mm (magnet) Weight (w/o Battery) 17g+7g

● REC.

SMT 300
Wireless Motion Sensor (RF)

Electrical Specification	
Transmit Frequency	IEEE802.15.4g ISM band: 925MHz(Sub 1G)
Operation Range	Up to 200 meters (LOS)
Power Consumption	Working: max 130mA (0.1sec.), Standby: max 20uA
LED Indicator	Red 1PCS, LED Status: Trigger LED Flash, Join LED Flash
Operation Interface	Push button switch for setting
Operating Voltage	DC 4.5V
Battery Type	(1.5V)AA Alkaline battery x 3
Battery Life	max 2 year
Low battery life	3 Weeks
Sensor Type	Passive Infrared
Sensor Detection Range	4~7m
Environmental	Operating Temperature 0°C ~ 40°C Storage Temperature -20°C ~ 70°C Humidity 90% RH Max, Non-Condensing
Mechanical Specification	Material PC+ABS Dimension (WxHxD) 71 x 112.3 x 53.1 mm (with antenna) Weight (w/o Battery) 83g

Detecting Angle :

110°

Top View

Detecting Area :

High   (Unit : M)

Side View
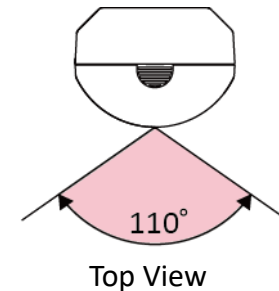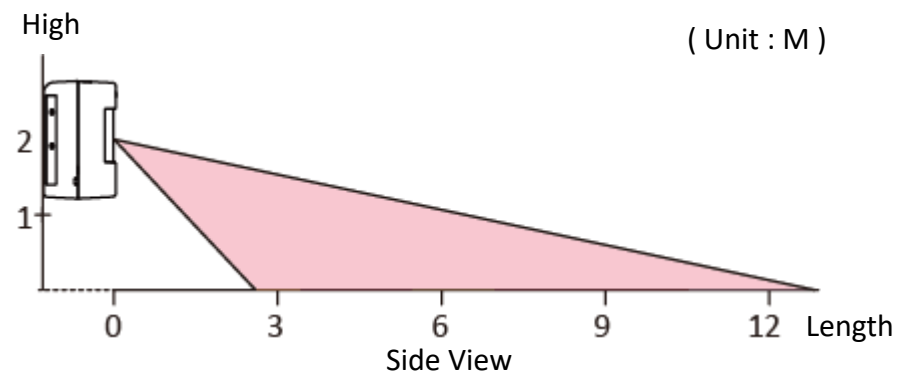
SSM 220
Wireless Photoelectric Smoke Sensor

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Operating Voltage	3.0 VDC
Power Consumption	Working: 35mA , Alarm: 70mA
Battery Type	AA Alkaline Battery (1.5V) x 2
Battery Life	up to 1 year
Detection Mode	Photoelectric
LED Indicator	Red/Green
Volume	Min 90dB @ 30cm
Environmental	Operating Temperature 0°C ~ 40°C Storage Temperature -20°C ~ 70°C Humidity 90% RH Max, Non-Condensing
Mechanical Specification	Material PC+ABS Dimension (WxHxD) 100mm x 100mm x 50mm Weight (w/o Battery) 97g

CE FC

STH230
Wireless Temperature & Humidity Sensor

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 80 meters (LOS)
Power Consumption	Working: max 38mA Standby: max 3uA
CPU	JN5169
LED Indicator	Blue 1PCS LED Status: Trigger LED Flash Join LED Flash
Temperature Accuracy	±0.5℃
Humidity Accuracy	±5RH
Battery Type	CR123A Battery (3V) x 1
Battery Life	Max 3 year (Day Trigger 4Times)
Low battery life	3 Weeks

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	21mm x 69mm x 23.5mm
Weight (w/o Battery)	14g

WAL 220
Wireless Alarm Switch

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Operating Voltage	DC 6V
AC Adapter (optional)	AC Input : AC 100V~240V 50Hz~60Hz 0.2A DC Output: DC 5V 0.5A up
Battery Type	(1.5V)AA Alkaline battery x 4
Battery Life	Up to 1 year
LED Indicator	Red/Green
Volume	Min 80dB @ 30 cm

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	80mm x 136mm x 36mm
Dimension (w/ Bracket)	80mm x 136mm x 40mm
Weight (w/o Battery)	111g
Weight (w/ Battery)	205g

WSI 300
Wireless Voice Card Reader (RF)

Electrical Specification	
Transmit Frequency	IEEE802.15.4g ISM band: 925MHz(Sub 1G)
Operation Range	Up to 200 meters (LOS)
Power Consumption	Working: max 180mA(0.1sec.), Standby: max 20uA
LED Indicator	Green/Red, Green: fullarm, Red: disarm.
Operating Voltage	DC 6V
Battery Type	(1.5V) AA Alkaline battery x 4
Battery Life	Max 1.5 years
Voice	Supported
Modulation	FSK
Detection Mode(RFID)	Passive Infrared (Max 1.5cm)

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	70.9mm x 126.5mm x 27.5mm (with antenna)
Weight (w/o Battery)	90g

CBT 220
Wireless Button Console

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Battery Type	CR2032 x 1
Battery Life	Up to 1 year (10 times used per day)
LED Indicator	Red/Green

Environmental Requirement

Operating Temperature	-10°C ~ 50°C
Storage Temperature	-10°C ~ 70°C
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	30mm x 63mm x 13mm
Weight (w/o Battery)	18g
Weight (w/ Battery)	21g

CPT 220
Wireless Panic Button

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Modulation	OQPSK
Operation Range	Up to 200 meters (LOS)
Operating Voltage	3 VDC
Power Consumption	Working: 180mA
Battery Type	CR123A x 1
Battery Life	Up to 1 year
LED Indicator	Red

Environmental Requirement

Operating Temperature	$0°C \sim 40°C$ ($32°F\sim104°F$)
Storage Temperature	$-20°C \sim 70°C$ ($-4°F\sim158°F$)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	71.9mm x 48.8mm 21.5mm
Weight (w/o Battery)	32g

WDI 220A
Wireless DI Transducer

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 250 meters (LOS)
Operating Voltage	3 VDC
Battery Type	CR123A x 1
Battery Life	Up to 1 year
Input Signal	Dry contact x 1
LED Indicator	Red
Wire Assignment	
Wire 1- (Red)	Dry contact Input (Positive)
Wire 2- (White)	Dry contact Input (Negative)

Environmental Requirement

Operating Temperature	$0°C \sim 40°C$ ($32°F \sim 104°F$)
Storage Temperature	$-20°C \sim 70°C$ ($-4°F \sim 158°F$)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	71.9mm x 48.8mm 21.5mm
Weight (w/o Battery)	32g

WAI 220
Wireless AI Transducer

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Operating voltage	12 VDC
Input Signal	4-20mA
LED Indicator	Red/Green
Wire Assignment	
Wire 1- (Red)	DC 5~12V Power Input
Wire 2- (Black)	Common & Negative 4-20mA Signal Input
Wire 3- (Yellow)	Positive 4-20mA Signal Input
Wire 4- (Green)	Reserved
Wire 5- (White)	Reserved

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	40mm x 80mm x 15mm
Dimension (w/ Bracket)	40mm x 80mm x 22mm
Weight	44g

WLO 220
Wireless Lock Switch

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Operating Voltage	12 VDC
Input Signal	Dry Connect x 5
Output Loading	12V 120mA Max
LED Indicator	Red/Green
Wire Assignment	
Wire 1- (Red)	DC +12V Power Input
Wire 2- (Black)	Common
Wire 3- (Yellow)	Open Collect Digital Output (12V / 120mA Max)
Wire 4- (Green) -- door open/close status	0V / 12V DC Level input (active high)
Wire 5- (White) -- lock/unlock status	0V / 12V DC Level input (active high)

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	40mm x 80mm x 15mm
Dimension (w/ Bracket)	40mm x 80mm x 22mm
Weight	43g

WRL 300
Rolling Door Controller

Electrical Specification	
Transmit Frequency	IEEE802.15.4g ISM band: 925MHz (Sub 1G)
Modulation	OQPSK
Operation Range	Up to 200 meters (LOS)
Battery Type	AA x4PCS
Operating Voltage	DC5V / 1.5V
Power Consumption	Working: max 180mA (0.1sec.), Standby:max 20uA
Battery Life	up to 1year
LED Indicator	Red

Wire Assignment	
Wire -- Yellow	COM
Wire – Green	STOP (The rolling door is stopped moving)
Wire -- Brown	DOWN (The rolling door is pulled down)
Wire -- White	UP (The rolling door is rolled up)

Environmental Requirement

Operating Temperature	$0°C \sim 40°C$ ($32°F\sim104°F$)
Storage Temperature	$-20°C \sim 70°C$ ($-4°F\sim158°F$)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	70.9mm x 126.5mm x 27.5mm (with antenna)
Weight (w/o Battery)	90g

WRL 220A
Wireless Relay Switch

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
AC Adapter	AC Input : AC 100V~240V 47z~63Hz 0.5A DC Output: DC 5V 1A up
Max Loading	NO:10A;NC:6A
LED Indicator	Green/Red
Wire Assignment	
Wire 1- (Black)	GND / Common
Wire 2- Dry Output 1	Dry contact Output " 1COM "
Wire 3- Dry Output 1	Dry contact Output " 1NO "
Wire 4- Dry Output 1	Dry contact Output " 1NC "
Wire 5- Dry Output 2	Dry contact Output " 2COM "
Wire 6- Dry Output 2	Dry contact Output " 2NO "
Wire 7- Dry Output 2	Dry contact Output " 2NC "

Environmental Requirement

Operating Temperature	0°C ~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 70°C (-4°F~158°F)
Humidity	90% RH Max, Non-Condensing

Mechanical Specification

Material	PC+ABS
Dimension (WxHxD)	134mm x 26.6mm x 86mm
Weight	148g

SCT 240
Wireless Contact Sensor (3D)

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 50 meters (LOS)
Power Consumption	Working: max 38mA Standby: max 3uA
CPU	JN5169
LED Indicator	Blue 1PCS LED Status: Trigger LED Flash Join LED Flash
Operation Interface	Push button switch for setting & Detect Range (0~8CM)
Operating Voltage	3.0 VDC
Battery Type	CR123A Battery (3V) x 1
Battery Life	Max 3 year (Day Trigger 4Times)
Low battery life	3 Weeks
Sensor Type	3D Magnetic & G Sensor
Environmental	Operating Temperature 0°C ~ 40°C Storage Temperature -20°C ~ 70°C Humidity 90% RH Max, Non-Condensing
Mechanical Specification	Material PC+ABS Magnet effective distance ~8CM Dynamic setting Dimension (WxHxD) 21mm x 69mm x 23.5mm Weight (w/o Battery) 14g

● REC.

Push button switch for setting   8CM Dynamic setting

uis United Integrated Service Co., LTD.
Wireless Security System Division
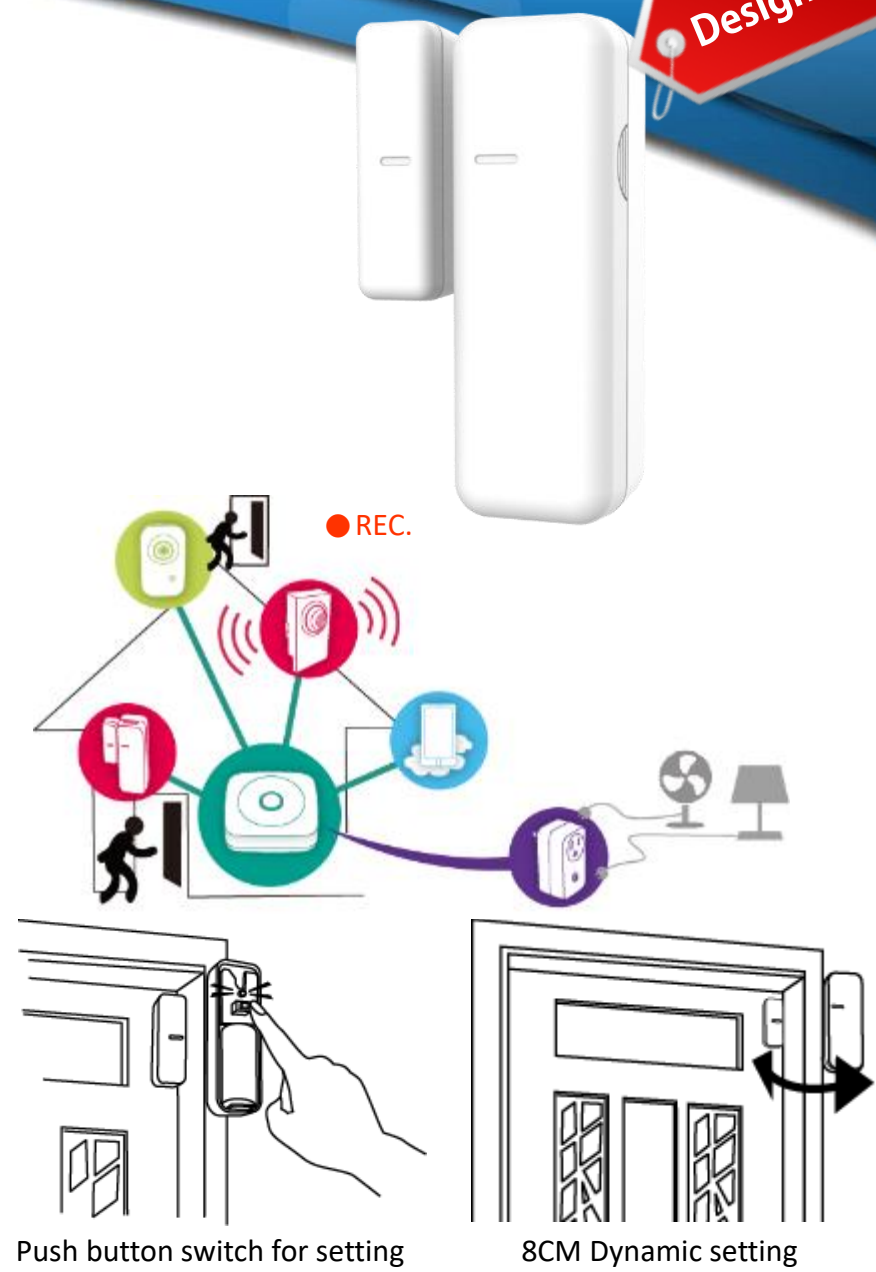
WPW220C
Wireless Power Meter Switch (CHINA)

Design in

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
Operation Voltage	100~240VAC
Power Consumption	Working: max 1.87W
LED Indicator	Red/Green LED Status: Relay (ON/OFF)
CPU	JN5169
Resistive Load	Max 2400W
Inductive Load (Single Face)	0.5HP/240VAC
Over Current Protection	11A/ Fuse
Measure Voltage Range	100~240VAC
Measure Current Range	0.3~10A+-10%
Measure Power Range	30~2600W+-10%
Environmental Requirement	
Operating/Storage Temperature	0°C ~ 40°C / -20°C ~ 70°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC+ABS (fire protect ion materials)
Dimension (WxHxD)	76mm x 45.5mm x 55mm

WAL230
Wireless Alarm Switch
(including IR remote & Emergency Lighting)

Design in

Electrical Specification	
Communication Protocol / Frequency	Zigbee Pro ZHA1.2 / 2.4 GHz ISM band
Operation Range	Up to 300 meters (LOS)
Adapter (option)	Input: AC 100V~240V 50Hz~60Hz 0.2A Output: DC 5V 1A
Battery Type	AA Alkaline battery x 4
Infrared Distance	Max 8 meter
Battery life	Max 1 year
Signal	Blue LED
Volume	Min 80dB @ 30 cm
Environmental Requirement	
Operating/Storage Temperature	0°C ~ 40°C / -20°C ~ 70°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material for case	PC+ABS Two color : red and transparent color.
Dimension (WxHxD)	100mm x 100mm x 40.5mm
Weight	TBD

🔔 **Siren**

💡 **Lighting**

📱)) **IR Control**
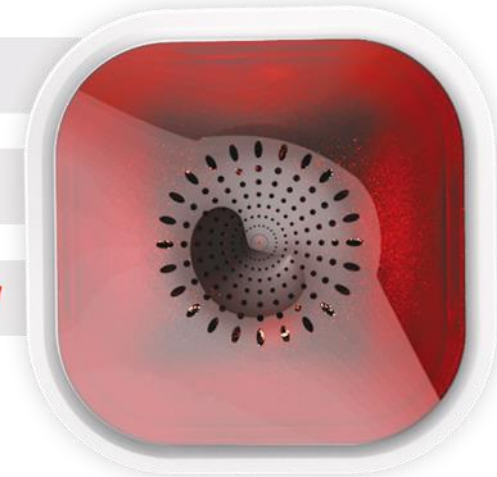
WLS 220C(K1/K2/K3)
Wireless light Controller (1 key/ 2 key/ 3 key Button)

Design in

Electrical Specification	
Operation Range	Up to 200 meters (LOS)
CPU	JN5169
Output Load	4A/every switch, 4 switch max. or 10A/every switch, 2 switch max
Useful life	240V-- one hundred thousand times.
Signal	Red LED
Environmental Requirement	
Operating/Storage Temperature	-10°C ~ 50°C / -10°C ~ 70°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC+ABS
Dimension (WxHxD)	86 x 86 mm

TCL-SW20C1
Wireless Curtain Controller

Electrical Specification	
Operation Range	Up to 200 meters (LOS)
Input Voltage	Input: AC240V
Output Load	4A per gang, maximum 4 gang, or 10A per gang but maximum 2 gang
Useful life	240V-- one hundred thousand times.
Signal	Backlit display
Environmental Requirement	
Operating/Storage Temperature	50°C (10~90%RH) / -10°C ~ 60°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC
Dimension (WxHxD)	86 x86 x 40 mm

TCL-SW20L3-M

Lighting intellgent touch panel
無線三位燈觸摸屏帶總電源控制器

Electrical Specification	
Operation Range	Up to 200 meters (LOS)
Input Voltage	Input: AC100 ~240V / AC 50~60Hz
Output Load	4A/per gang, Maximum 3 gang.
Useful life	240V-- one hundred thousand times.
Signal	Backlit display
Environmental Requirement	
Operating/Storage Temperature	50°C (10~90%RH) / -10°C ~ 80°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC
Dimension (WxHxD)	86 x 86 x 40 mm

TCL-SW20L4-M

Lighting intellgent touch panel
無線四位燈觸摸屏帶總電源控制器
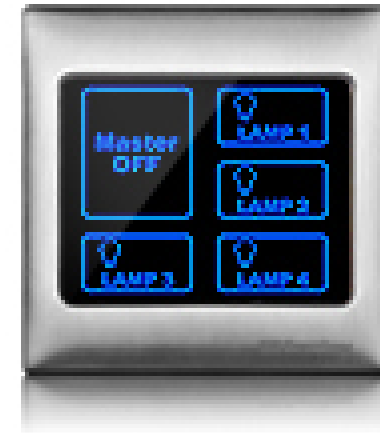
Electrical Specification	
Operation Range	Up to 200 meters (LOS)
Input Voltage	Input: AC100 ~240V / AC 50~60Hz
Output Load	4A/per gang, Maximum 4 gang.
Useful life	240V-- one hundred thousand times.
Signal	Backlit display
Environmental Requirement	
Operating/Storage Temperature	50°C (10~90%RH) / -10°C ~ 80°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC
Dimension (WxHxD)	86x86x40 mm

TCL-810D

IR Remote Controller 無線紅外轉發控制器

Electrical Specification	
Operation Range	Up to 200 meters (LOS)
Input Voltage	Input: AC100 ~240V / AC 50~60Hz
Output Load	The straight for Infrared emission is 15 meters. (可學習128組按鍵代碼)
Useful life	240V-- one hundred thousand times.
Signal	LCD
Environmental Requirement	
Operating/Storage Temperature	50°C (10~90%RH) / -10°C ~ 80°C
Humidity	90% RH Max, Non-Condensing
Mechanical Specification	
Material	PC
Dimension (WxHxD)	86x86x34 mm

86mm 34mm

86mm

触摸屏面板   开关驱动盒

红外发射头
（线长≤30米，建议采用双芯线）

WPL 220

Design in

Wireless Wall Smart Socket 無線牆壁智能插座

Electrical Specification	
Operation Range	Up to 300 meters (LOS)
CPU	JN5169
Operation Voltage	100~240VAC
Power Consumption	Working : max 1.87W Standby: max 1.32W
LED Indicator	Red/Green LED Status: Relay (ON/OFF)
Operation Interface	Push button
Resistive Load	2400W max
Inductive Load (Single Face)	0.5HP/240VAC
Over Current Protection	11A/ Fuse
Measure Voltage Range	100~240VAC
Measure Current Range	0.3~10A+-10%
Measure Power Range	30~2600W+-10%
Mechanical Specification	
Material	PC
Dimension (WxHxD)	86x86x34 mm
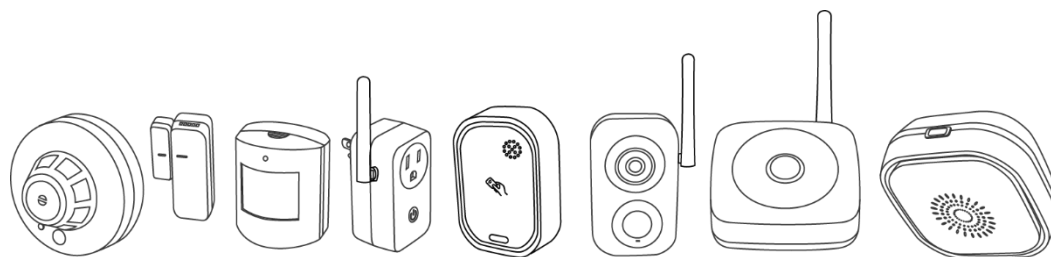
THANK YOU
Wireless Security System Division
United Integrated Service Co., LTD.

UIS

Wireless
Smart Home System

www.wss.uisco.com.tw