Smart Lighting AIoT SOLUTION

LUMINARIES & DRIVERS

LED Bulb / T8 Tube /
Track Light / Flat Panel

COMMUNICATE

WiFi / BLE 5 / Zigbee3 /
LTE / 5G / RS485

CONTROL

Scheduled / Remote /
Local / Group

MONITOR

Electricity / Security /
Temperature & Humidity

µWave
Sensor
微波傳感器

CAM
Image Recognition Algorithm

- People counting
- Posture recognition
- Linked platform light control

PIR
Assisted Detection

- IR
- Ultra-Low Power (Power-save mode)

Occupancy
Sensor
佔位傳感器

AI Edge Computing

- Result notification (without image uploading)
- Privacy & Security

Unaffected by Temp. & Light

- Sensitivity adjustable
- Online control

	µWave	Occupancy Sensor
Input Voltage •	100 ~ 240 Vac	
Output Current •	100mA (max); Both 5V & 3.3V	
Active Range •	max. 20M (In open space)	
Operation Temp. •	0℃ ~ 40℃	
Standard •	BLE 5.X	WiFi 2.4G
Dimension •	Ø80 x 25 mm	Ø90 x 27 mm

For track

For E27

For Ceiling-mounted

The devices are connected through sensors to create a smarter office automation system and enhances working efficiency.

For instance, the motion sensor can maximize energy savings and optimize light availability where and when it is needed.

Smart Power Meter

智能計電器
智慧電表

ESG Solutions
- Energy monitor & control
- Assisted carbon footprint measurement
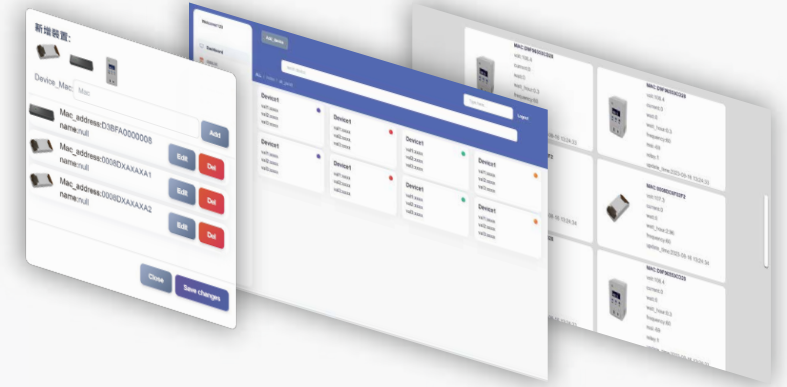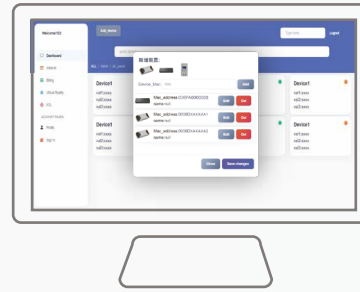
Wireless Protocol Support
- WiFi / BLE 5.X / Zigbee3 / LTE / 5G / RS 485

ODM/OEM
- Customized Requirements
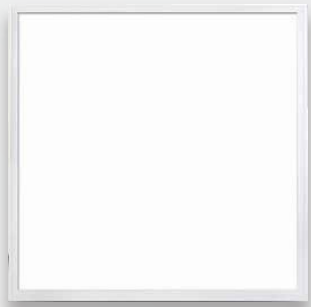- Compatible with cloud platform (GCP / Azure / ...)

Energy-Management-System solution is proposed with a variety of fixtures, which are collocated as needed, in facilities or within specific fields to gather ambient data.

The collected data can be analyzed to optimize energy usage, helping to better monitor and control the utilization for energy-saving and reduction of carbon emissions.
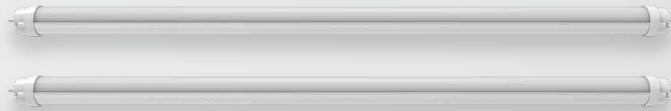
- We can connect meters to the platform and monitor detailed conditions.
- Data will be collected from the devices.
- Customized function for energy-saving can be set up as needed.

	Smart Power Plug	Industrial (RS485 / WiFi)	Rail 3-Phases
Input Voltage	Single Phase 90 ~ 240 Vac	Single Phase 90 ~ 260 Vac	200 ~ 400 Vac
Measure Type	Single Phase	Single Phase 2 Wire / 3 Wire	3 Phase 3 Wire/ 4 Wire
Measure Current	15A	CT60 (0~60A), CT100(0~100A)	CT60 (0~60A), CT100(0~100A)
Measurement and Precision	AC Voltage 1 %	AC Voltage 1 %	AC Voltage 1 %
	AC Current 1 %	AC Current 1 %	AC Current 1 %
	AC Active Power 1 %	AC Active Power 1 %	AC Active Power 1 %
	-	AC Apparent Power 1 %	AC Apparent Power 1 %
	Frequency 0.2 %	Frequency 0.2 %	Frequency 0.2 %
	Cumulative Watt per Hour <2%	Cumulative Watt per Hour <2%	Cumulative Watt per Hour <2%
Standby Watt	≒0.4 W, MAX. <0.9W		
OP Temp. / Humidity	-15°C~ 60°C, 10% ~ 90% RH		

T8 Tube

WE-150-30D

Multi-optional :
- Dimmable
- Color dimmable

150 ~ 200 W

Flat Panel   Track Light   Downlight   LED Bulb

9W   15W   25W/45W

Bluetooth 5.0 Lighting

Bluetooth 5.0 Mesh LED Driver
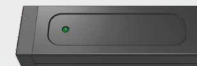
APP Control   Remote Control   One Button Switch   BLE 5.0 Data Grabber   BLE 5.0 Mesh Repeater   BLE 5.0 -
Relay Switch   BLE Emergency
Alert Button   BLE 5.0 TRIAC Adapter

AIoT Connecting Device

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WENTAI

ISO 9001
ISO 14001
ISO TS16949
RoHS
TÜVRheinland