

SMART LIFE, BEAUTIFUL LIGHT

Beautiful Light Technology Corporation has illuminated the path since 2005, not merely with brightness, but with light that enhances life's productivity and joy. Based on the solid foundation, we started our journey to build up our smart lighting venture.

Through years of dedication in product and system development, we have crafted a complete smarting lighting eco system, offering solutions to foster a brighter and more sustainable world.

This booklet would highlight BLTC's innovative spirit, its commitment to delicate products and services, and its role in upgrading the future of lighting. We invite your curiosity and inquiries, as we stand ready to brighten your world with our expertise and innovation. Welcome to a Smart Life with Beautiful Light.





INNOVATION

BLTC's smart lighting platform serves as a canvas for users and installers to transform their visions of intelligent illumination into reality through its comprehensive systems, intuitive software, and cutting-edge products.

T DELICATE

BLTC's smart lighting solutions dedicate to delicate lives. Our system is designed not just to illuminate, but to elevate and foster an ambiance life full of comfort and elegance.

UPGRADE

BLTC's smart lighting system is tailored to improve existing setups, ensuring a seamless and cost-effective enhancement for our customers.

CONNECTING PEOPLE CONNECTING WORLD

Smart lighting is more than an application of technology advance. It bridges the gap between the physical and digital realms, creating an ecosystem where every flicker of light is a heartbeat in the pulse of a connected world. This future trend of smart connectivity drives BLTC to develop bridges and gateways so that link between people and the world is simply touchable.



Large Lighting System



Small & Medium Lighting System



Easy Control



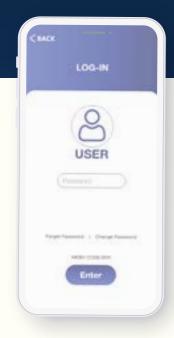
Remote Operation

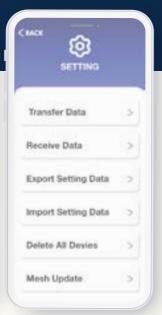




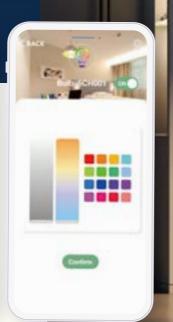
GRAB YOUR SURRONDING in HOZBEE

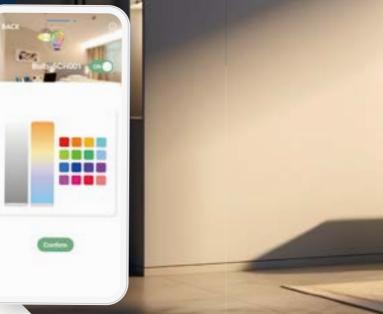
HOZBEE is a system that connects and controls smart lighting devices by an APP also called HOZBEE. This APP aims for better user experience and achieved by the following unique functions:













Most of the smart lighting APP's in the market cannot identify user and installer. Therefore, the complexity of installer setup always hinders normal consumer to become users.

HOZBEE particular separate user mode and installer mode and set up password control for installer mode to prevent users from changing setting accidently.



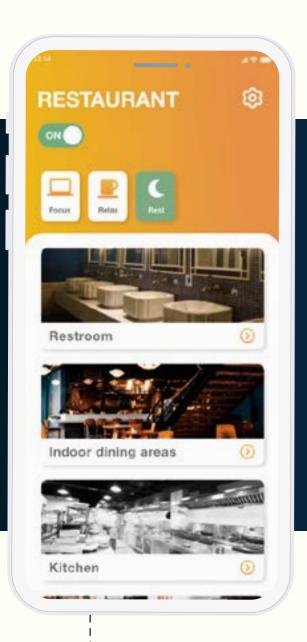
Intuitive Interface & Operation

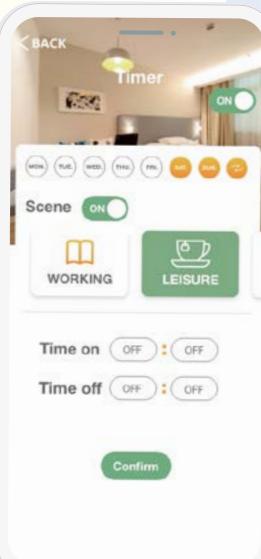
For smart lighting user, the interface is simple and concise. The group, scene, and schedule are arranged obviously so that users can easily control the system.



More Networks in your Mobile

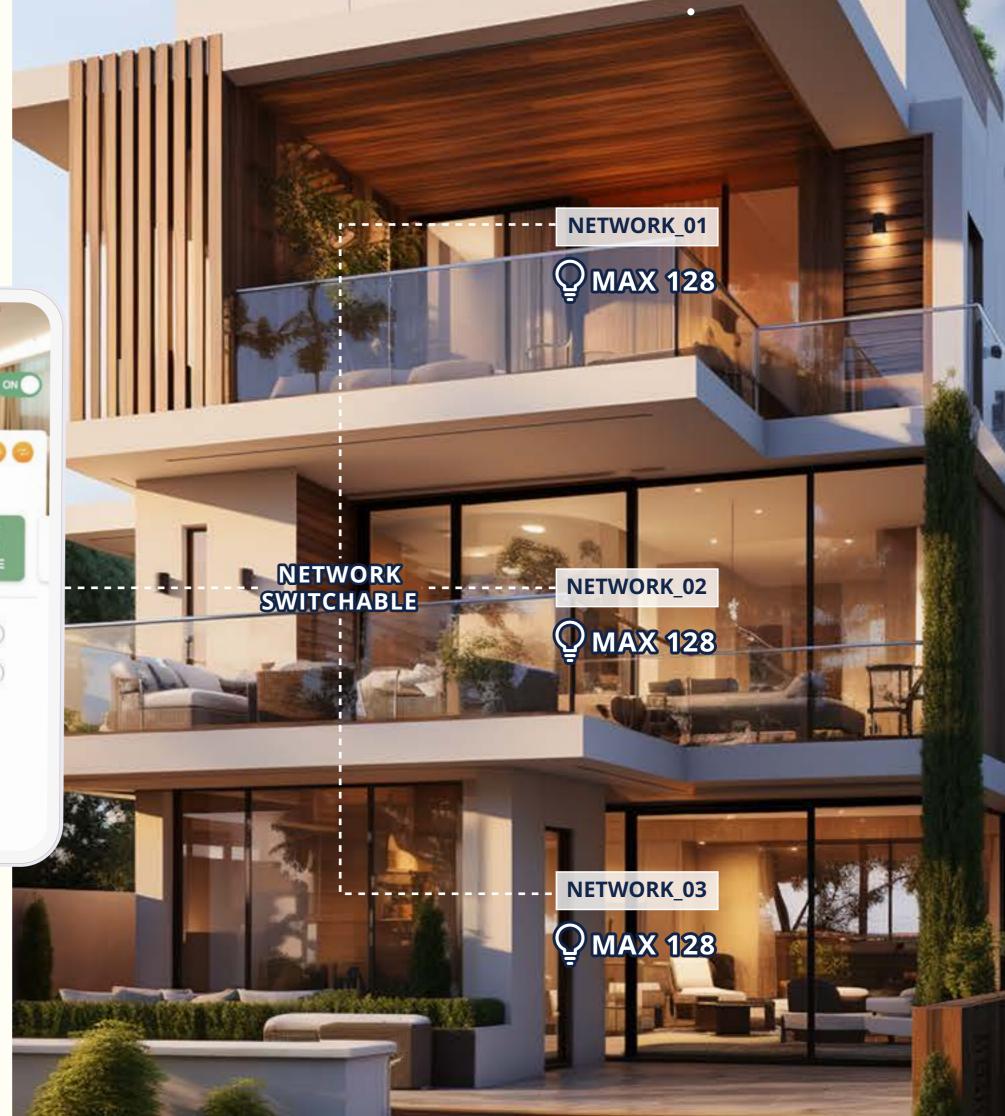
Unlike other App's, each mobile can only control the devices in one network. HOZBEE App supports switching networks in a quick way on your mobile. Therefore, any installer or user is able to save up to 10,000 network settings in the mobile, switches and controls the different networks easily.





STORABLE NETWORK

MAX 10,000



Application Restaurant





Smart Lighting, Smart Management

In the commercial sector, smart lighting not simply creates the demonstration ambience of your product and service, but also provides great help for your management.

Therefore, in a commercial environment, such as retail store, museum, supermarket, warehouse, office building, and medical center etc., in addition to the basic functions of smart lighting, management functions such as saving energy and increasing human wellbeing become more important.



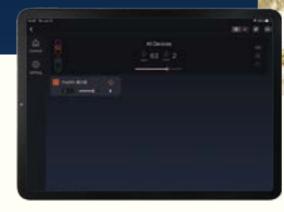


OPTIMIZE YOUR MANAGEMENT in FIREBEE

FIREBEE is a system and also an App that helps you not only control your devices but also manage them. In a complex lighting system, the following features make FIREBEE App a useful tool for managers and administrators.

Multi-Layer Management

Each device will be given an address in the structural order of the project in FIREBEE APP. There are totally 7 layers could be defined. The advantage of this AMS similar structure is that the supervisors could locate and control the devices more efficiently, especially in complicate project that need to control thousands of devices.



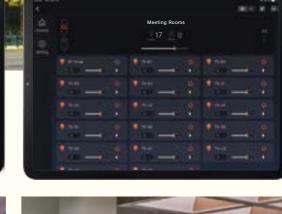








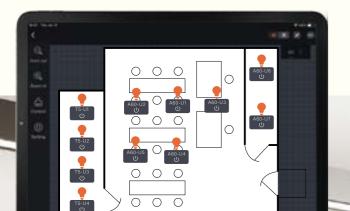




Visual-aid Control

Manager can upload the floor plans or pictures to FIREBEE App to show the exact location of each device. By so doing, the devices could be easily traced on the media.

Floor Plan Management



Support Photo Edit



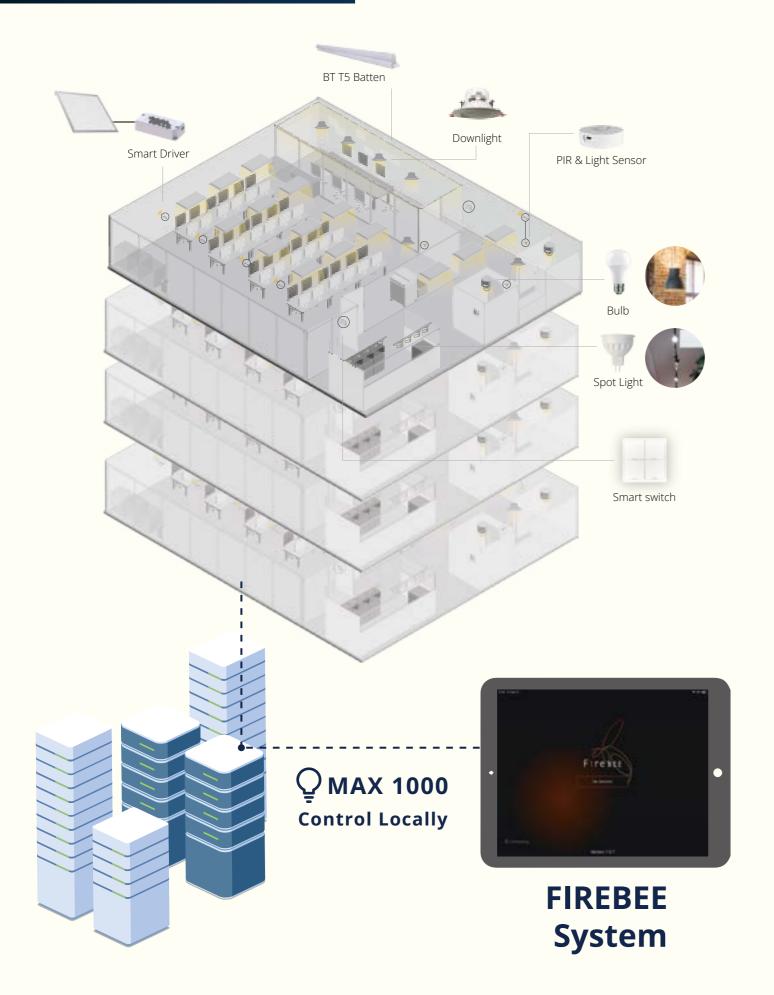
Light Show Platform

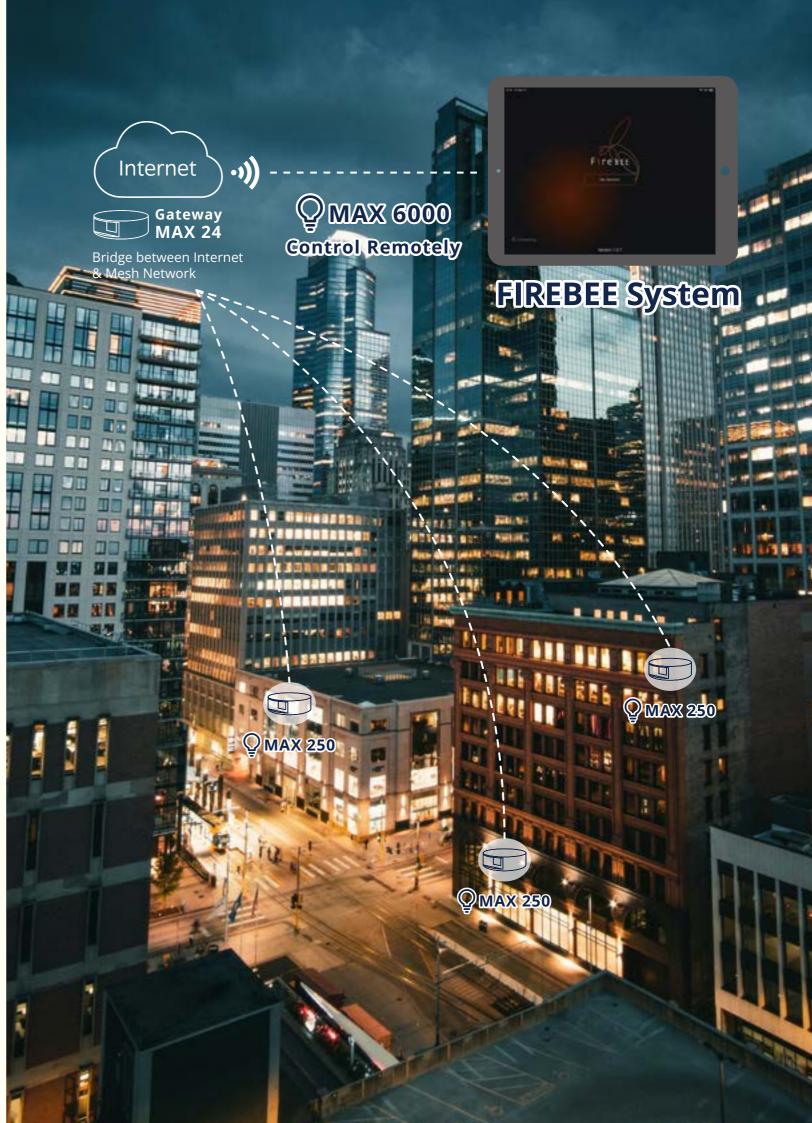
FIREBEE App provides a special function called "dynamic scene". Designers of the lighting system can apply light show program such as HCL to enhance the wellbeing of the people in this project.

BLTC Driver

Application

Office Building



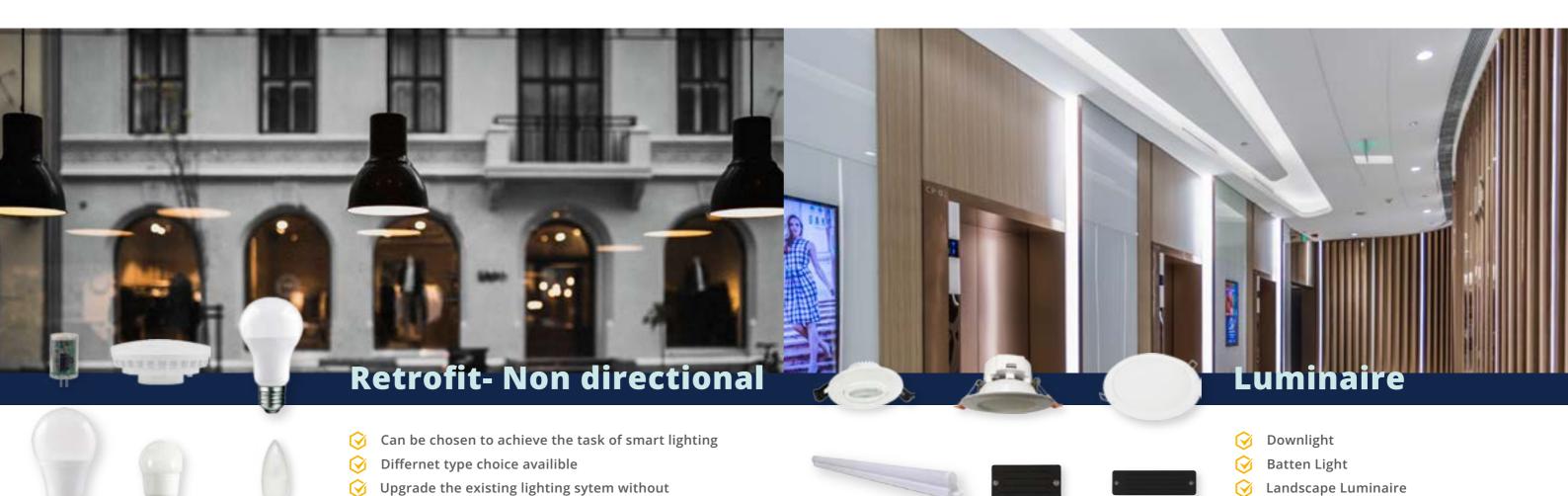












any reconfiguration of wires



OUR SPECIAL FEATURES



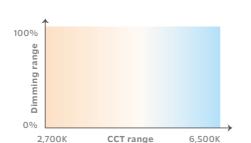


Our driver products can be installed either in the luminaire as a built-in driver or out of the luminaire as an independent driver, easily transformed by a screw driver.





Our product has conventional and antenna extension version to keep the signal transmission strength at different luminaire installation enviornments.





Working Voltage - Wide

In addition to traditional dimming drivers, we also provide smart drivers to control CCT and RGB(under developemnt) based on the needs from luminaire manufacter-

The most compact size!!

12W Constant Power Smart Driver



Wide Working Range(up to 12W)

Flexible installation

External Antena option

Input Voltage

85-305V

Dimension 90*47*25 (mm)

NFC adjustable output current

280-570mA

Ordering Code

Please refer to the data sheet of this product.



25W Constant Power Smart Driver

1CH or 2CH selectable

Wide Working Range(up to 25W)

Flexible installation

External Antena option

Input Voltage 85-305V

Dimension

105*57*29 (mm)

NFC adjustable output current

460-920mA

Ordering Code

Please refer to the data sheet of this product.

TRIPLE working voltage

Traditional CC driver



Near Field Communication

to set up required output power





40W Constant Power Smart Driver

1CH or 2CH selectable

Wide Working Range(up to 40W)

Flexible installation

External Antena option

Input Voltage

85-305V

Dimension

120*43*28 (mm)

NFC adjustable output current

740-1480mA

Ordering Code

Please refer to the data sheet of this product.

Different installation modes



Outside Luminaire









60W Constant Power Smart Driver



Wide Working Range(up to 60W)

Flexible installation

External Antena option

Input Voltage 85-305V

Dimension

140*43*28 (mm)

NFC adjustable output current

1.1-2.2A

Please refer to the data sheet of this product.











Light

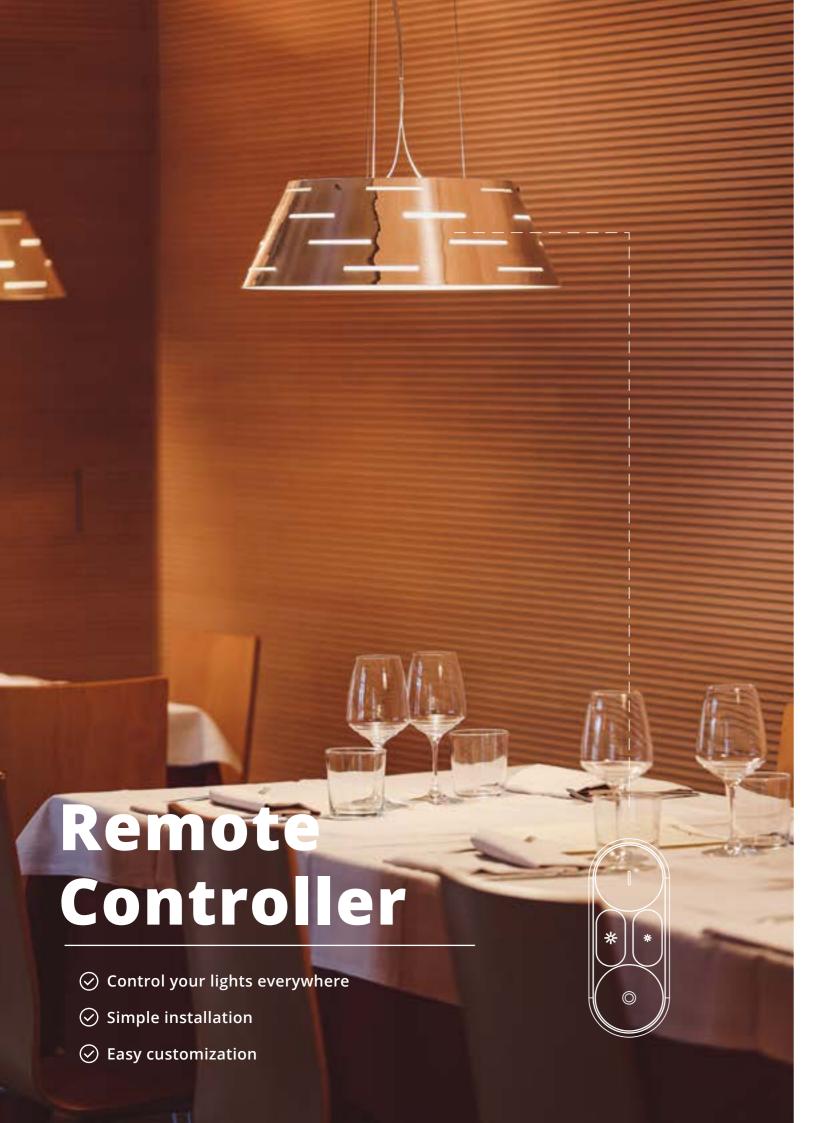














19key Remote Controller

Oimming and Tunable white control

RGB Control

Scene Control

Flexible setting

Dimension

142*86*20 (mm)

Power Source Battery: AAA*2

Ordering Code

Please refer to the data sheet of this product.



Wall Switch Type Controller

Oimming and Tunable white control

Flexible setting

Magnetic Mount Plate

Switch outlook and function

Dimension

70*120*16 (mm)

Power Source Battery CR2450*1

Ordering Code

Please refer to the data sheet of this product.



Voice Controller

Oimming and Tunable white control

Flexible setting

⊘ Indication LED

Dimension

Ø61*18.8 (mm)

Power Source DC5V Type C

Ordering Code





86 Type Movable Scene Switch

- Gang / Button
- Self-Define Multifunction Button
- Movable Power source

Dimension

86*86*13 (mm)

Power Source

DC 3V / CR2430 Battery

Ordering Code

Please refer to the data sheet of this product.



86 Type Smart Switch

- Gang / Button
- Self-Define Multifunction Button
- Working Modes : line voltage / wireless switch
- **⊘** Traditional 86 Type

Dimension

Ø64*60 (mm)

Power Source

100-120V

Ordering Code

Please refer to the data sheet of this product.



118 Type Smart Switch

- Gang / Button
- Self-Define Multifunction Button
- Working Modes: line voltage / wireless switch

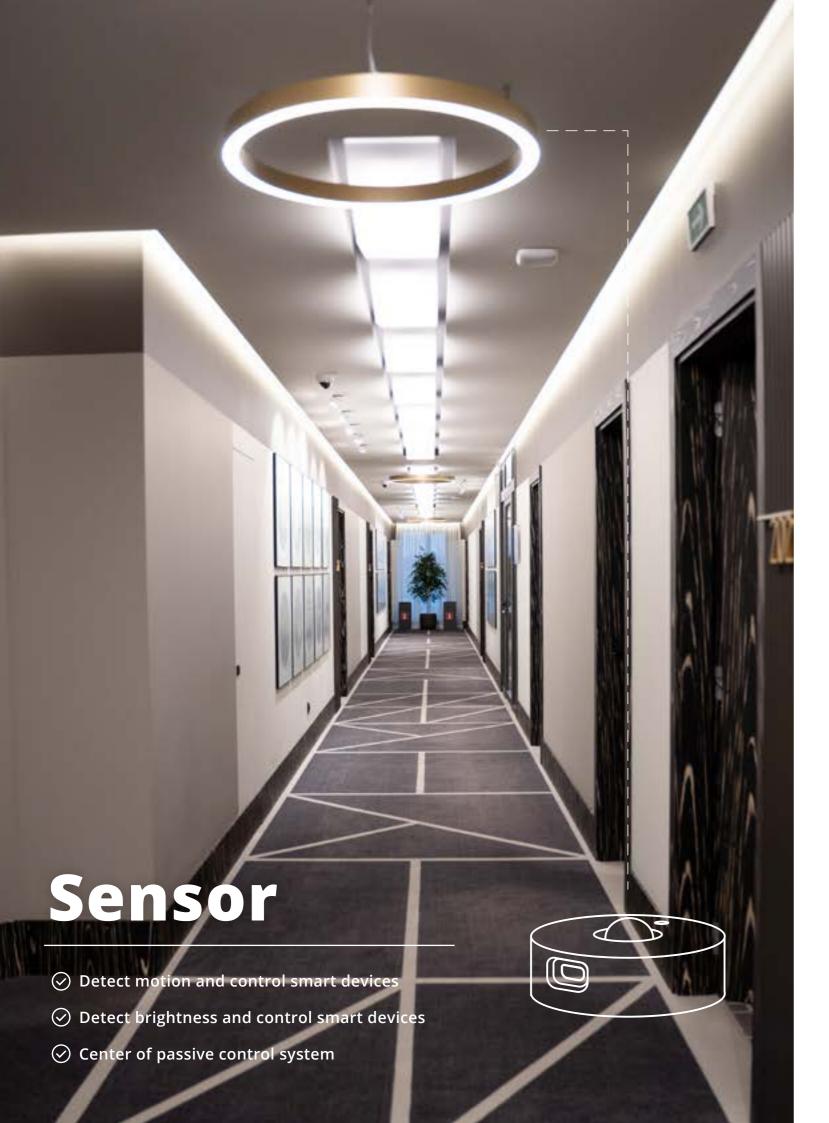
Dimension

118*72*45 (mm)

Power Source

100-120V

Ordering Code





PIR & Light Sensor

- Motion Detection range 3-5M
- Brightness detection range up to 1200 lux
- **Oual power supply**
- **Magnetic Mount Plate**

Dimension

Ø70*26 (mm)

Power Source

DC5V micro USB or Battery AAA*2

Ordering Code

Please refer to the data sheet of this product.



PIR & Light Sensor with 0-10V Adapter

- Motion Detection range 2-3.5M
- Brightness detection range up to 1200 lux
- Fit for different power source
- **⊘** 0-10V Signal output

Dimension

Ø64*60 (mm)

Power Source

100-240V Option: DC 12V

Ordering Code

Please refer to the data sheet of this product.



Microwave Sensor with 0-10V Adapter

- Motion Detection range 3-5M
- Minor Motion Detection
- Brightness detection range up to 1200 lux
- Fit for different power source
- **⊘** 0-10V Signal output
- Recessed Mounting Structure

Dimension

Ø64*55 (mm)

Power Source

100-240V Option: DC 12V

Ordering Code





Gateway Desktop Type / Ceiling Type

⊘ WIFI-BLE Bridge

Numerous Controllable devices

Multiple connection methods

© Ceiling Mount Plate

Dimension

Ø90*26 (mm)

Power Source

DC 5V micro USB

Ordering Code

Please refer to the data sheet of this product.



Gateway Wire Type

⊘ WIFI-BLE Bridge

Numerous Controllable devices

⊘ 0-10V Signal output

3 12V Power Source

Dimension

70*55*15 (mm)

Power Source

DC/AC 12V

Ordering Code

Please refer to the data sheet of this product.



Gateway Touch Panel

⊘ WIFI-BLE Bridge

Numerous Controllable devices

∀isible Interface

installation Methods

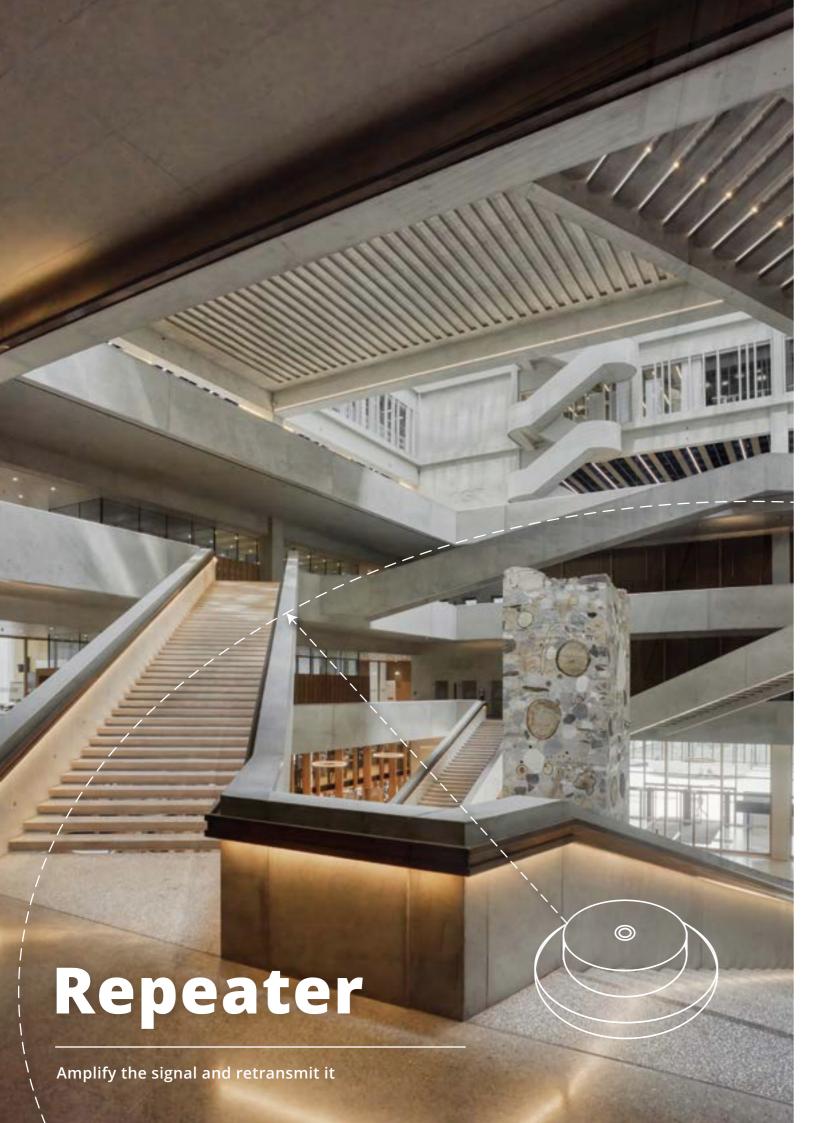
Dimension

185*85*40 (mm)

Power Source

100-240V / DC5V with Stand

Ordering Code





Indoor Repeater

© Enhance Signal Power

Magnetic Mount Plate

Dimension

Ø68*25 (mm)

Power Source
DC 5V micro USB

Ordering Code

Please refer to the data sheet of this product.



Outdoor Repeater

Enhance Signal Power

⊘ IP65 Protection

⊘ AC/DC Input Voltage

Dimension

Ø68*34 (mm)

Power Source AC/DC 12V

Ordering Code

Please refer to the data sheet of this product.



DESIGN PLUS by light-building Nominee 2024

DALI Repeater NEW

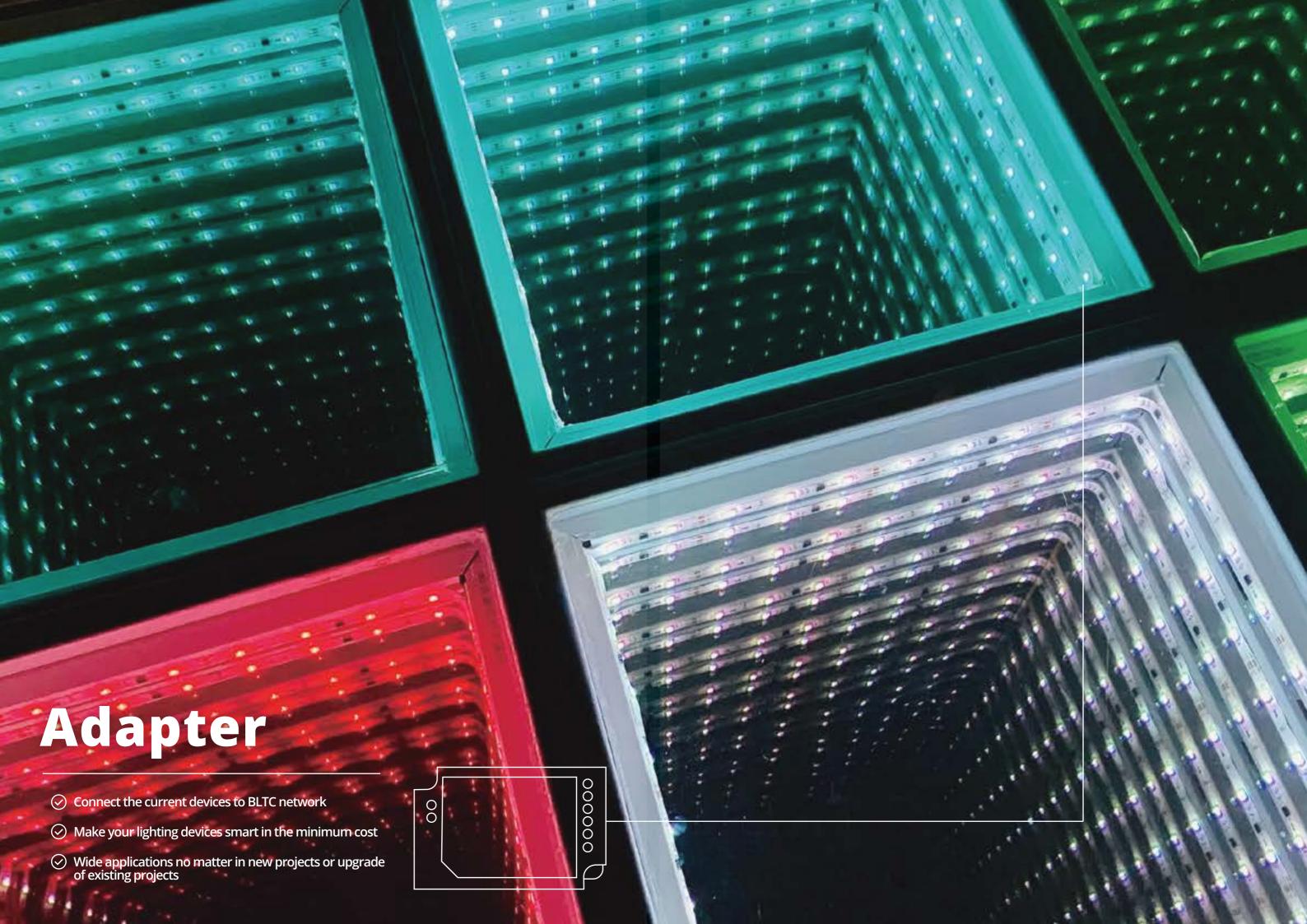
- Controllable Devices Each repeater can control up to 64 devices wirelessly.
- **Expansion Socket** Connect RS485 line system in order for expanding applications.
- Rail Installation Installed in the electrical power box without adding any new equipment.

Dimension

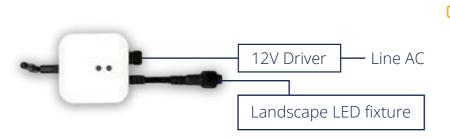
90*71*55 (mm)

Power Source AC/DC 12V

Ordering Code



Outdoor Light sensor switch



- AC/DC Input Voltage.
- **IP65** Protection

Dimension

70*70*32 (mm)

Power Source

AC/DC 12V

Ordering Code

Please refer to the data sheet of this product.

1-10V 4CH Adapter with Relay



- **⊘** 1-10V Dimming Driver Connection
- Build-in Relay function
- Independent and built-in type

Dimension 112*43*30 (mm)

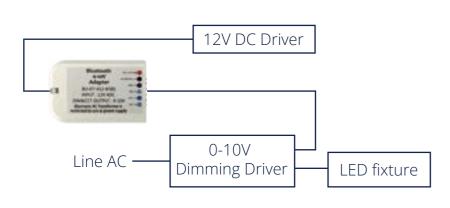
Power Source

100-240V

Ordering Code

Please refer to the data sheet of this product.

0-10V Dimmable & Tunable Adapter



- 0-10V Dimming Driver Connection
- Independent Power Source
- **⊘** IP65 Protection

Dimension

58*39*15 (mm)

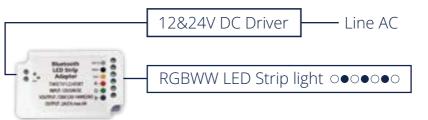
Power Source

DC/AC 12V

Ordering Code

Please refer to the data sheet of this product.

LED Strip Adapter (10A/CH)



- **Wide application**
- Max Load 10A/CH
- Cong Distance Control

Dimension

167*117*35 (mm)

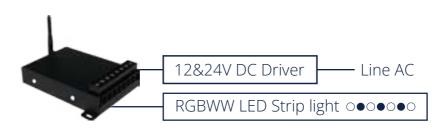
Power Source

DC 12V/24V

Ordering Code

Please refer to the data sheet of this product.

LED Strip Adapter (2A/CH)



- **Wide application**
- Max Load 2A/CH
- **Easy Installation**

Dimension

57*36*17 (mm)

Power Source

DC 12V/24V

Ordering Code

Smart Landscape Lighting-Bluetooth Mesh

- All 12V Input Voltage Application
- **Wireless Control by Bluetooth Mesh**
- Auto switching by Sensors and timer
- Full product Line, includes G4, MR16 and PAR36



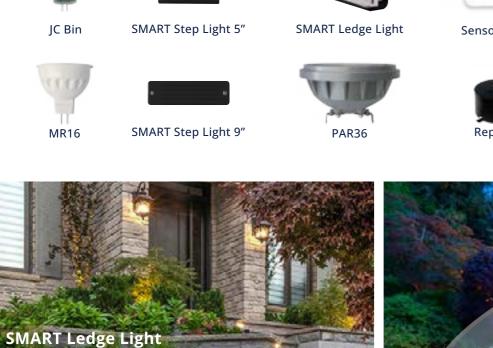




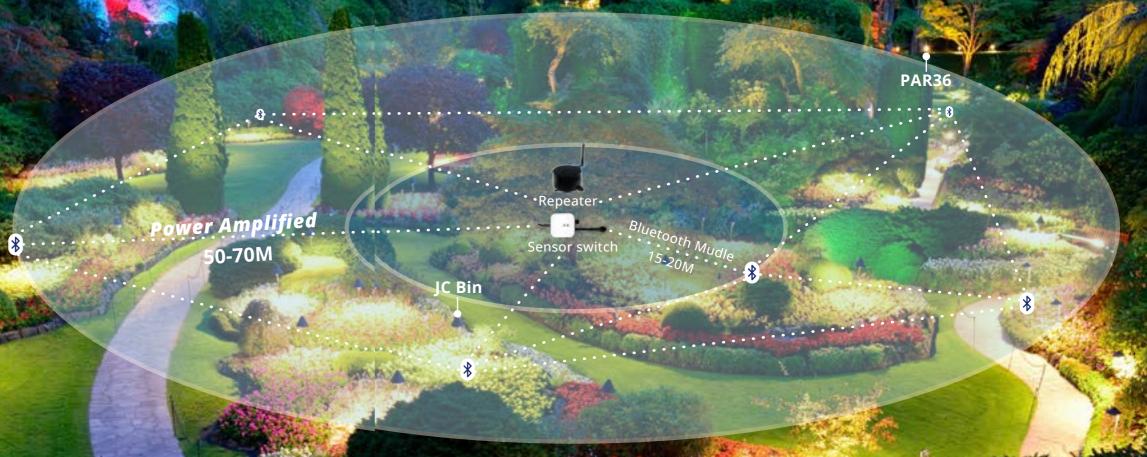








Step Light 5" / 9"





Taiwan Headquarter

Partner Information:

NO.17,Machouhouyuanqu 2nd Rd., Lucao Township,Chiayi County 611, Taiwan (R.O.C)

Tel: +886-5-3625177 Email: Sales@bltc.com.tw www.bltc.com.tw

