

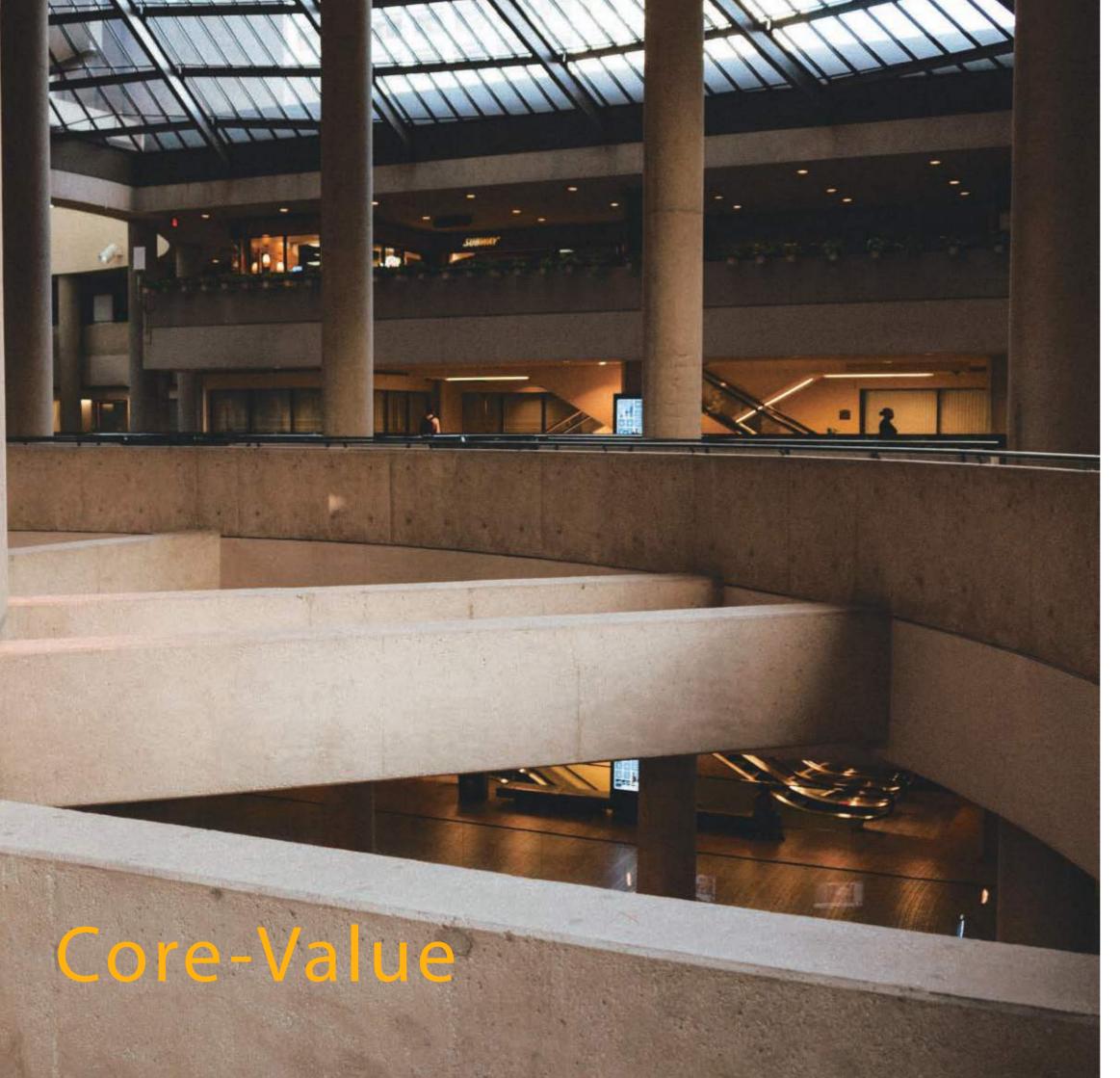
Smart Life Beautiful Light

Since Beautiful Light Technology Corporation set up in 2005, we believe that lighting is not just a matter of brightness, but also a way of enhancing the productivity and well-being for mankind. Therefore we started our smart lighting business in 2015 in order to help improving our customers' lighting system according to their needs and preferences.

The accumulated experience and expertise in the past years make us more confident to build up our new brand to provide smart lighting solutions for our clients. In addition to a manufacturer and product supplier, we are now very glad to share our knowledge in the field of smart lighting and help our customers enjoy a smart life and beautiful light from our products and solutions.

This booklet will help you understand the value of our solutions as well as the overview of our product portfolio. You are welcome to contact us for any question or request.





Innovation

BLTC smart lighting is a platform that all users and installers can realize their ideas about smart lighting by utilizing the systems, software, and products on the platform.

Human-centric lighting: HCL, which adapts to the natural circadian rhythm of humans, changing the color temperature and intensity throughout the day to support health, well-being, and productivity, can be easily realized.

Multi-purpose Applications: Smart lighting system can be applied in various occasions and particular operations such as ordering and picking in warehouse, daylight harvest in facility, or customer gathering in supermarket.

Entertainment syncing: Smart lights can sync with your music, movies, games, or other media devices, creating a more immersive and dynamic experience.

Delicate

BLTC smart lighting solutions aim at enhancing the wellbeing of people and creating delicate life for the people.

Improving mood and energetic levels: Smart lighting can mimic the natural cycle of daylight and darkness, which helps regulate the body's circadian rhythm. It also affects our hormones, metabolism and immune system.

Reducing stress and anxiety: Smart lighting can also create a calm and comfortable environment to help us cope with stress and anxiety.

Supporting health and wellness: Smart lighting can also support our health and wellness by providing adequate illumination for different tasks and activities.

Upgrade

BLTC smart lighting systems help our customer upgrade their current lighting system in a minimum cost. We achieve this in the following 3 aspects

Energy Reduction: Remote control, sensor response, and automation of lighting schedules ensure that lights are only used when and where they are needed.

Low Maintenance Cost: Smart lighting system can retrieve information about the components and their status, minimizing the need for manual inspection and installation.

Enhance security and safety: The system allows users to monitor and adjust the lighting condition remotely and will send notification if any problem occurs.

Hozbee



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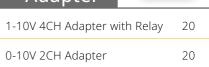


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Retrofit &Luminaire



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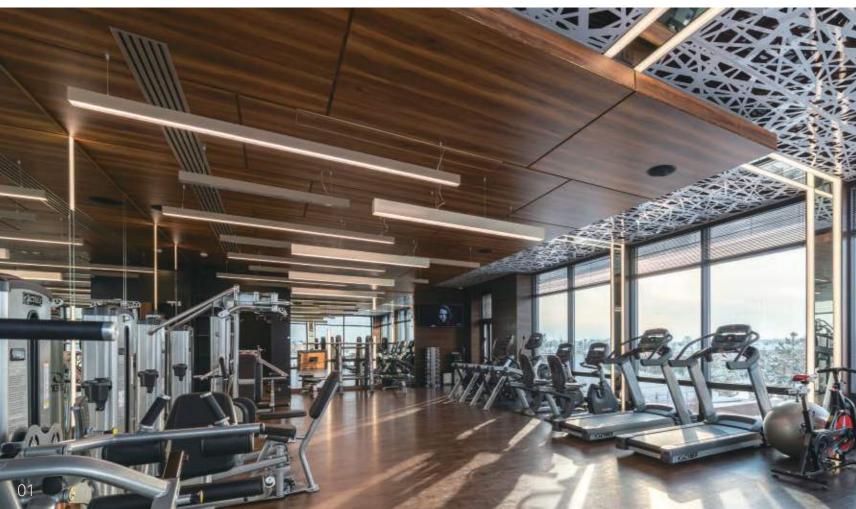
HOZBEE

Start your Journey in Smart Lighting World

For shop owners, small facility manager, householders, Hozbee System is an easy access point to the profound world of smart lighting.

HOZBEE system cleverly integrates hardware and software, makes your life smart, and help you enjoy the beautiful light.





Enjoy the benefits once you enter the HOZBEE system:

- Seamless scenes create ultimate ambiance
- •Schedule scenes deliver precise lighting in time and place
- •User-friendly APP provides excellent functionality



HOZBee is specifically developed to simplify and accelerate the installation process as well as enable end-users to easily customize and control their smart lighting devices.



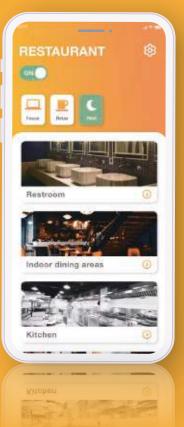














For end-users:

- √ Easy control interface
- ✓ Intuitive operation procedure
- ✓ Schedule set-up
- ✓ Secure user enviornment
- √ Max 128 devices simultaneously
- ✓ No limit of controllable devices (by mesh code)









For installer:

- ✓ Graphical interface
- ✓ Room based set-up principles
- ✓ Built-in recommnded scenes
- ✓ Simpler set-up procedures for controller and sensor
- ✓ One button back up and restore
- ✓ Password protection for project data

HOZBEE

Application - RESTAURANT

Enjoyable ambiance delights the taste.

As a restaurant owner, creating an enjoyable environment is the same crucial as a wonderful dish and warm service. In addition to the delicate decoration, the lighting system contributes a lot in delivering this passion.

HOZBEE system, combining the various lighting devices and friendly APP, is able to provide you such a tool to fulfill your imagination.

RESTAURANT S Restroom Indoor dining areas Kitchen Counter O

SYSTEM OUTCOME

- •Schedule function, together with daylight harvesting, control the dimming level automatically and save the cost.
- •Group and scene function help the waiter or waitress to change the atmosphere during lunch time and dinner time.
- •Sensor controls the lighting level of areas that light is not always needed and also save the cost.

Benefits of HOZBEE system adoption in Restaurant:



Energy Saving

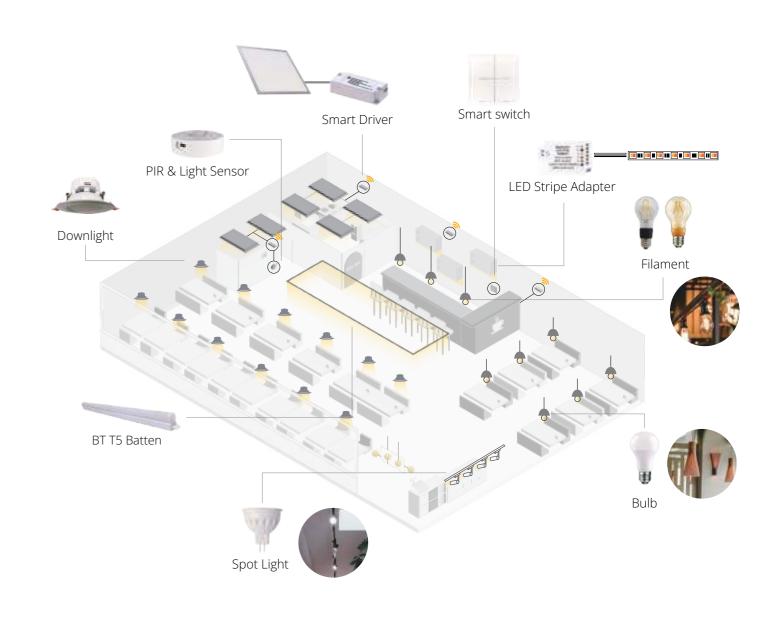


Higher Added Value Lighting System



Lower Management





PRODUCT RECOMMENDATIONS



Driver

The driver halps you to connect other luminaire to the smart lighting system.



LED Stripe Adapter

The LED stripe on the wall brings colors to your bar.



PIR & Light Sensor

Sensor detects the motion and control to the system for consequent actions.



Smart switch

The wireless switch helps the waiter or waitress to switch the scene rapidly.



Controller

Don't forget the controller, the main tool to achieve the smart lighting functions in the system.



Bul

Suitable for wide range illumination. Different color temperatures make your guests enjoy their food.



Spot Light

The spot lights focus on the counter and minimize the effect to other areas.



Filament

The antique-style light bulb builds up the particular ambience



Downligh

The bright lights make the enviornment clean and food delicious.



Batte

Batten represents the main lighting source in the corrider area.

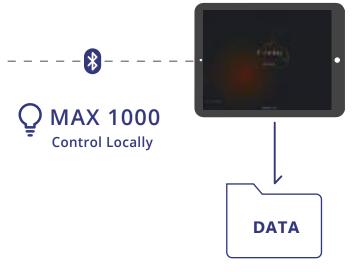
FIREBEE

See your Lighting World in a different way

FIREBEE aims to provide a platform to facility managers to realize their management plan of lighting, including the following unique features:

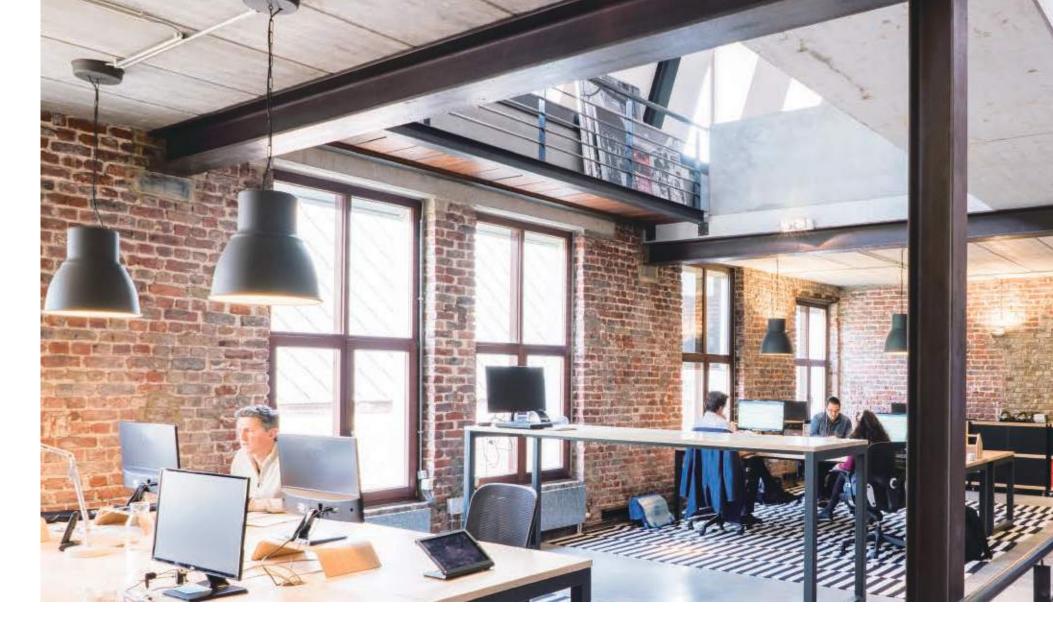
- Large Scale Lighting Control
- Local & Remote Control
- Data Management

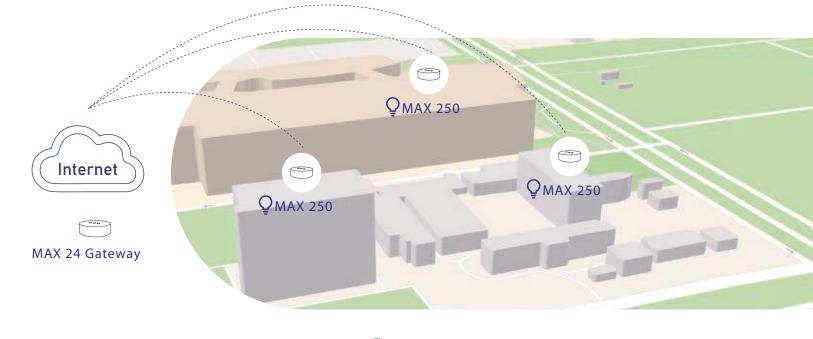




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All data could be backed up in the cloud and analyzed for lighting performance improvement.





MAX 6000 Control Remotely



Firebee is not just an APP to control your devic-Firebee is not just an APP to control your devi **F 1 r e B E E**es, but also an excellent management tool to efficiently enhance your lighting system efficiently enhance your lighting system.

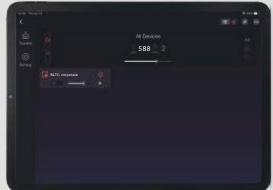
Special Features

Multi-Layer Management

Each device in Firebee APP will be given an address in the structural order of the project. For example, for a multi-layer building, the devices can be traced following their layer, room, and zone. There are totally 7 layers in Firebee APP that could be defined.

The advantage for this AMS-similar structure is to help the manager and supervisors to locate and control the device more efficiently, especially in a large scale project that needs to manage thousands of devices.

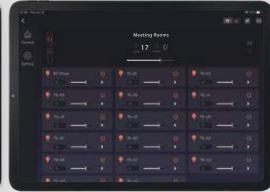
















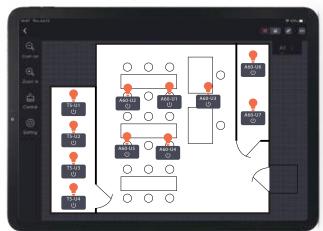




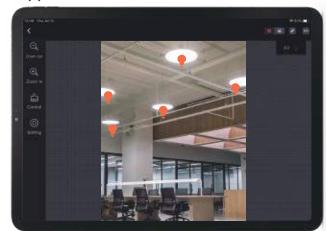
Visual-aid Control

Lighting manager can upload the floor plan or pictures to show the exact location of each device. By this useful tool, devices, especially in a large scale project, can be supervised and traced more efficiently on the media.

Floor Plan Management



Support Photo Edit



Light Show Platform

The most special feature in Firebee APP is the function called dynamic scene. Designers of the lighting system can create a light show plan to enhance the wellbeing such as HCL project or a fantastic program to change numeruos scenes in a party.





FIREBEE

Application - OFFICE

Wellbeing in workplace increases the productivity

For a commercial building owner or administrator, how to save the energy cost and keep the occupant wellbeing at the same time is the main task. The complex lighting equipments and various interactions among the devices need a complete system to integrate, control and manage.

FIREBEE system, combining the various lighting devices and powerful APP, is able to provide you such a tool to solve the issue in daily management and provide a comfortable environment for the people who are working in this building.

SYSTEM OUTCOME

- •Full-day schedule helps to create the most efficient lighting environment
- •Human Centric Lighting applications enhance wellbeing and comfort of the occupants
- •Data back-up function brings more safety for the system.
- •Remote management helps the managers to monitor the lighting system anytime and anywhere.

Benefits of FIREBEE system adoption in OFFICE:





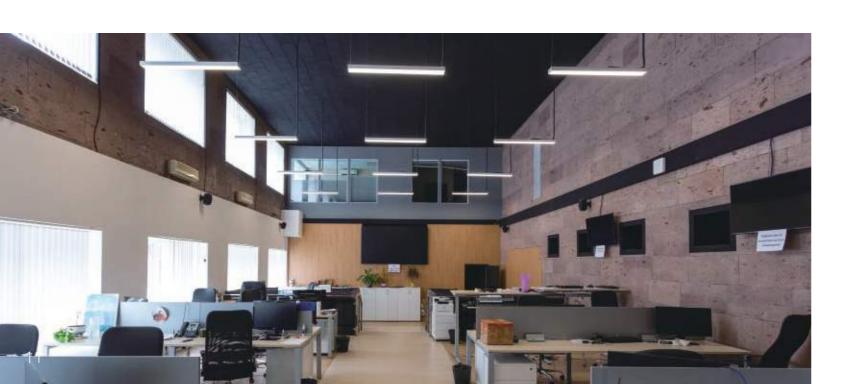


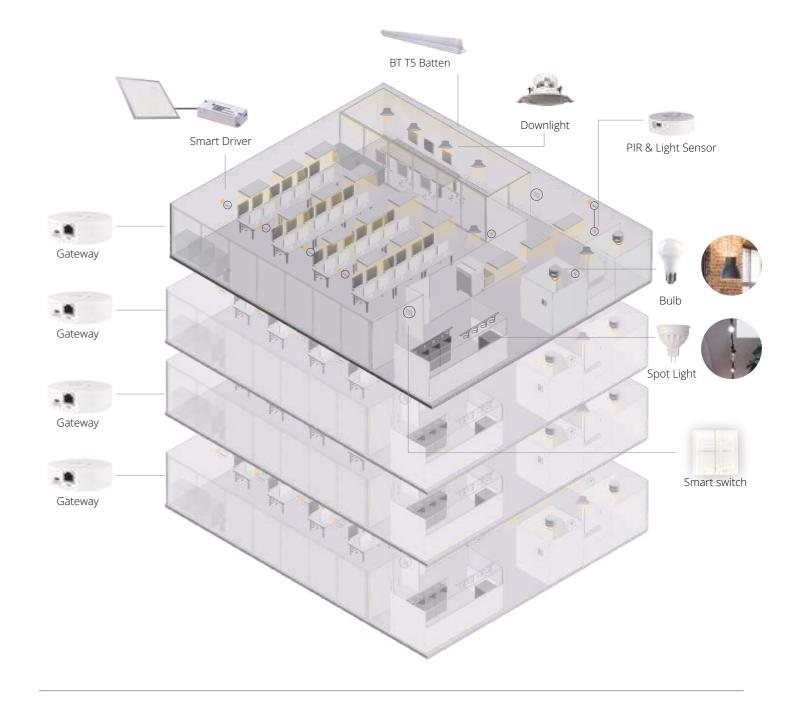


Energy Saving

Comfortable Environment

High Productivity





PRODUCT RECOMMENDATIONS



The driver halps you to connect other luminaire to the smart lighting system.



PIR & Light Sensor

Sensor detects the motion and send control to the system for consequent actions.



Smart switch

The wireless switch help the staff to switch the scene



Spot Light

sufficient brightness in the area.

The spot lights focus on the rest area and help staff

Light bulb provides stable and wide range light to have



Downlight

The direct bright lights illuminate the meeting table straightforward.



Administrator can manage, monitor, and control the devices in each floor by the aid of Gateway.



Batten

Batten is the main indirect light source to light up the





Dimming and Tunable white control – Users can adjust the dimming level or color temperature of their smart devices by simply pressing the button intuitive-

system. The battery power source makes it fit the market all over the world.

RGB Control - The controller also provides a set of buttons for users to control the device that delivers RGB lights.

Scene Control – There are 8 scene buttons on the controllers so that users can switch the scene without hesitation and quickly adjust the lighting environment to fit the moods.

Flexible setting - The controller could be added in one group to control only the devices in this group or the whole project to control all devices in this project.

Accessary - The package contains a mounting plate that can be mounted on the wall or behind the door to avoid lost.

Dimension 142*86*20 (mm)

Power Source Battery: AAA*2

Please refer to the data sheet Ordering Code

of this product.



Wall Switch Type Controller

Switch Type Controller is a simpler version controller aiming for end users who want to avoid complex operations. The battery power source makes it fit the market all over the world.

BLTC 19 Key Controller is particularly designed for end users to efficiently control the smart lighting

Dimming and Tunable white control - Users can adjust the dimming level or color temperature of their smart devices by simply pressing the button intuitively.

Flexible setting – The controller could be added in one group to control only the devices in this group or the whole project to control all devices in this project.

Accessary - The package contains a mounting plate that can be fixed on the wall or behind the door to reduce the problem of missing.

Switch outlook and function - The controller is a switch when mounting on the wall. The obvious buttons help the end users have the same feeling as they are switch the on/off of the light.

Dimension 70*120*16 (mm)

Battery CR2450*1 **Power Source**

Please refer to the data sheet Ordering Code

of this product.

Voice Controller

Voice Controller helps the end users to control their smart lighting device while their hands are busy. The Type C socket helps the end users to install anywhere they prefer.

Dimming and Tunable white control – The built-in voice commands include on/off, and dim up/down.

Flexible setting – The controller could be added in one group to control only the devices in this group or the whole project to control all devices in this project.

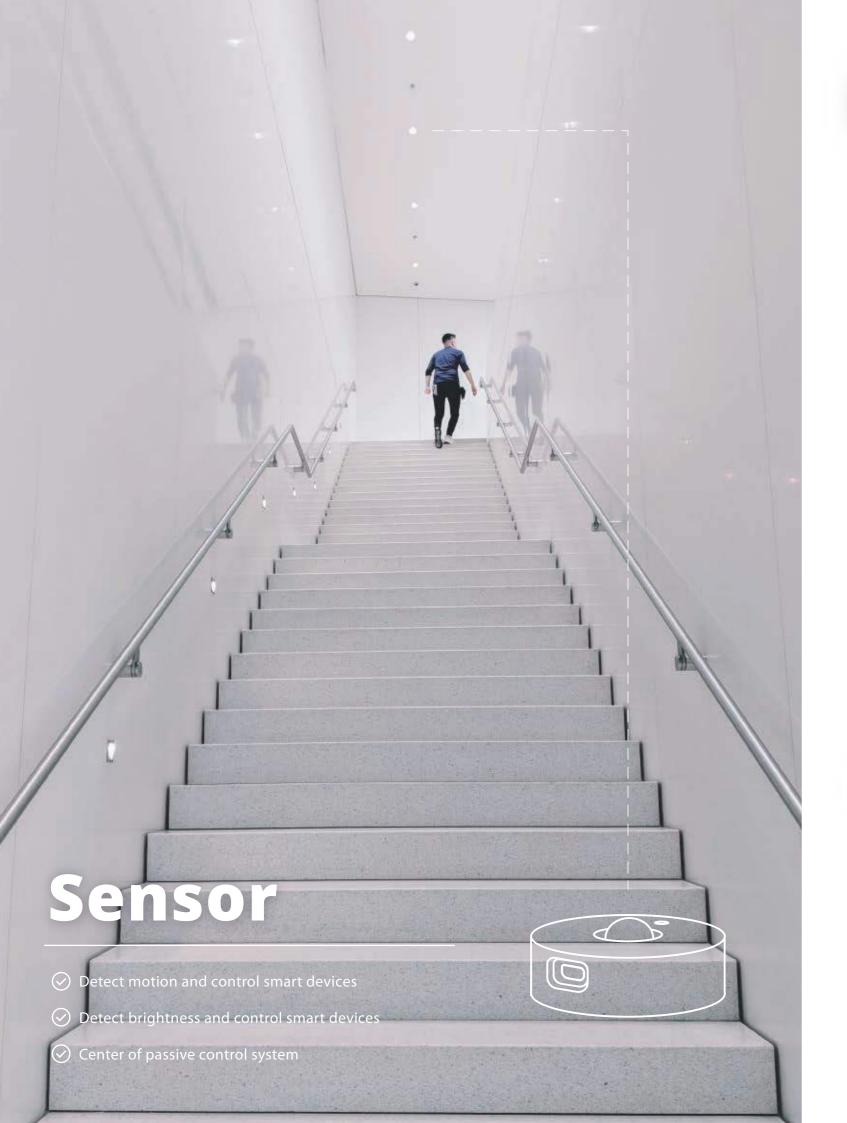
Indication LED - The indication LED flashes according to the voice commands and provide a visual notice to the users.

Ø61*18.8

Power Source DC5V Type C

Please refer to the data sheet Ordering Code







PIR & Light Sensor

Sensor is the key element in smart lighting system since sensor detects motion or environment and automatically sends out signals to control other devices.

Motion Detection range 3-5M – Applicable for most

residential and commercial application.

Brightness detection range up to 1200 lux

Dual power supply – The sensor can be driven by battery or Micro USB input.

Accessary - The package contains a mounting plate that can be fixed on the wall or ceiling for better detection result.

Ø70*26 Dimension

Power Source

DC5V micro USB or Battery AAA*2

Ordering Code Please refer to the data sheet of this



PIR & Light Sensor with 0-10V Adapter

Sensor is the key element in smart lighting system since sensor detects motion or environment and automatically sends out signal to control other devices.

Motion Detection range 2-3.5M – suitable for most residential and commercial applications.

Brightness detection range up to 1200 lux

Fit for different power source – Both Line voltage and 12V output from LED driver auxiliary power can be used.

0-10V Signal output - This sensor can connect to a 0-10V LED driver to control the dimming.

Recessed Mounting Structure— The sensor can be mounted in the wall or ceiling, not interfering other decorations.

Ø64*60 (mm)

Power Source 100-240V

Dimension

Option: DC 12V

Ordering Code Please refer to the data sheet of this



Microwave Sensor with 0-10V Adapter

Sensor is the key element in smart lighting system since sensor detects motion or environment and automatically sends out signal to control other devices.

Motion Detection range 3-5M - suitable for most residential and commercial applications and some industrial applications.

Minor Motion Detection - microwave sensor also detects the tiny movement such as hand writing to prevent the flight from beig off.

Brightness detection range up to 1200 lux

Fit for different power source – Both Line voltage and 12V output from LED driver can be used.

0-10V Signal output - This sensor can connect to 0-10V LED driver to control the dimming.

Recessed Mounting Structure- The sensor can be mounted in the wall or ceiling, not interfering other decorations.

Ø64*55 (mm) Dimension

100-240V

Option: DC 12V

Ordering Code Please refer to the data sheet









86 Type Movable Scene Switch

Switch is the most frequently used control device in lighting system. Scene switch uses the same body but provides more functions on each gang or button to create more values on this traditional device.

Gang / Button - We provide options with number of gang from 1 to 4 to fit different occasion.

Function of Gang / button – Each gang can save one scene setting, group on/off, or single device on/off. Simply press one button, you can change the atmosphere immediately.

Movable Power source – Our scene switch uses one CR2430 battery without any power wire connecting from the wall inside. Therefore, you can put the switch anywhere you want.

Traditional 86 Type – The 86 type outfit helps the switch seamlessly becomes the part of your interior decoration.

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

Switch is the most frequently used control device in lighting system. Smart switch is actually a switch that can control traditional lamp wirelessly or treated as a scene switch.

Gang / Button - We provide options with number of gang from 1 to 3 to fit different occasion.

Function of Gang / button – Each gang can save one scene setting, group on/off, or single device on/off.

Working Modes : The switch could be a scene switch with line voltage or a wireless switch to control the conventional lamp.

Traditional 86 Type – The installation is exactly the same as traditional 86 type switch. Electricians can easily install the switch by their tools on hand.

Dimension 86*86*42 (mm)

Power Source

200-240V

Ordering Code Please refer to the data sheet of this product.

118 Type Smart Switch

Switch is the most frequently used control device in lighting system. Smart switch is actually a switch that can control traditional lamp wirelessly or treated as a scene switch.

Gang / Button - We provide options with number of gang from 1 to 3 to fit different occasion.

Function of Gang / button – Each gang can save one scene setting, group on/off, or single device on/off.

Working Modes: The switch could be a scene switch with line voltage or a wireless switch to control the conventional lamp.

Traditional 118 Type – The installation is exactly the same as traditional 118 type switch. Electricians can easily install the switch by their tools on hand.

Dimension 118*72*45 (mm)

Power Source 100-120V

Ordering Code Please refer to the data sheet of this product.





Gateway Desktop Type / Ceiling Type

Gateway is a bridge between two systems or protocols. It firstly translates the messages from one system to the other and vice versa, and then it passes all necessary information to the managing server for further application. The biggest advantage of a Gateway is to enlarge the number of controllable devices.

WIFI-BLE Bridge - Our gateway receives the commands from our APP through Internet and send

out BLE signal to control the smart devices.

Number of Controllable devices – Each Gateway can control up to 250 devices.

Multiple connection methods – In addition to WIFI connection, the desktop type Gateway can also be connected to a router by RJ45 cable.

Accessary - The package contains a mounting plate that can be fixed on the wall or ceiling.

Ø90*26 (mm) Dimension

DC 5V micro USB Power Source

Ordering Code Please refer to the data sheet

of this product.



Gateway Wire Type

Gateway is a bridge between two systems or protocols. It firstly translates the messages from one system to the other and vice versa, and then it passes all necessary information to the managing server for further application. The biggest advantage of a Gateway is to enlarge the number of controllable devices.

WIFI-BLE Bridge - Our gateway receives the commands from our APP through Internet and send out BLE signal to control the smart devices.

Number of Controllable devices – Each Gateway can control up to 250 devices.

0-10V Signal output – This Gateway can connect to 0-10V LED driver as an adapter to control the

12V Power Source - The DC/AC 12V input helps electricians to combine the Gateway simply with current lighting system.

70*55*15 (mm) Dimension

DC/AC 12V Power Source

Ordering Code Please refer to the data sheet

of this product.



Gateway Touch Panel

Gateway is a bridge between two systems or protocols. It firstly translates the messages from one system to the other and vice versa, and then it passes all necessary information to the managing server for further application. The biggest advantage of a Gateway is to enlarge the number of controllable devices.

WIFI-BLE Bridge - Our gateway receives the commands from our APP through Internet and send out BLE signal to control the smart devices.

Number of Controllable devices - Each Gateway can control up to 250 devices.

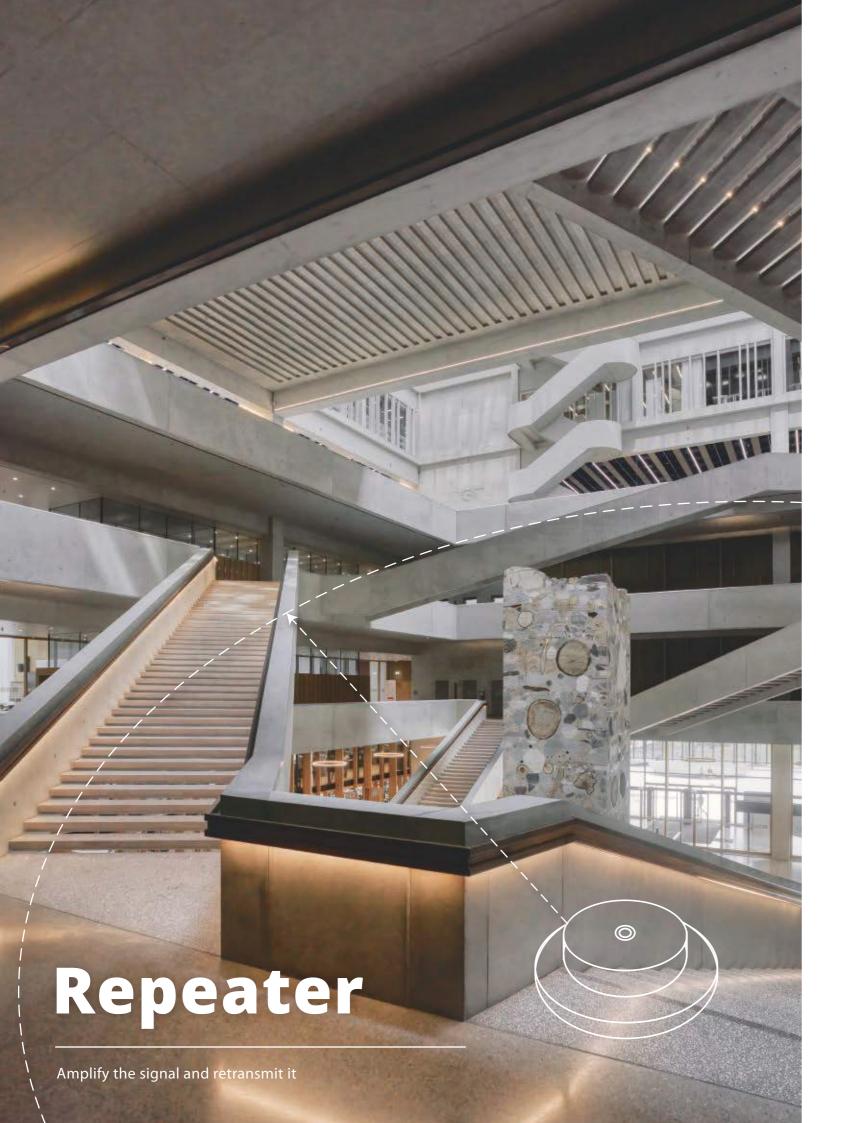
Visible Interface – This Gateway provides a touch panel for user to monitor and control the device without mobile or pad.

Installation Methods - The Gateway can be installed either on the wall like a panel switch or stand on the table.

185*85*40 (mm) Dimension

Power Source 100-240V / DC5V with Stand

Please refer to the data sheet Ordering Code





Indoor Repeater

Repeater is a device that amplifies the signal received and retransmits with increased power, so that the signal can cover longer distances or be received on the other side of an obstruction.

Enhance Signal Power – Indoor repeater double the signal power. Therefore, the stronger signal can reach the device more easily in the environment with many obstacles.

Accessary – he package contains a mounting plate that can be fixed on the wall or ceiling, to help the installer to find the most suitable position without considering how to fix

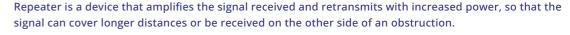
Dimension Ø68*25 (mm)

Power Source DC 5V micro USB

Ordering Code Please refer to the data sheet

of this product.





Enhance Signal Power – Outdoor repeater double the signal power with an extending antenna. Therefore, the stronger signal can reach the up to 70m distance in open area that are perfectly suitable for outdoor devices.

IP65 Protection – For outdoor use, this repeater must face different conditions like rain, mist, and fog. The IP65 protection guarantee the weather condition will not affect its normal function performance.

AC/DC Input Voltage – Considering the outdoor luminaire are usually using 12V power supplier, this repeater can simply connected to the existing power network without adding any new transformer.

Dimension Ø68*34 (mm)

Power Source AC/DC 12V

Ordering Code Please refer to the data sheet

of this product.



DALI Repeater

DALI Repeater receives DALI signals and transmits it to the signals that can control more devices in BLTC network. This special product provides a bridge function to existing DALI system and the master can

Controllable Devices – Each repeater can control up to 64 devices wirelessly. Therefore, the original DALI signal for 1 device can be amplified to control more devices.

Expansion Socket – Our DALI repeater remians a connector that can connect RS485 line system in order for expanding applications in the future.

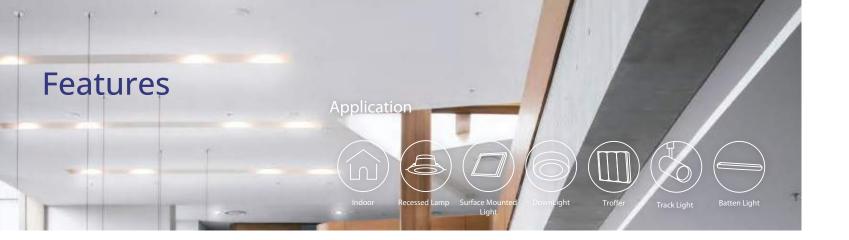
Rail Installation – The product is designed to fit DIN rail system. Therefore, it can be installed in the electrical power box without adding any new equipment.

Dimension 90*71*55 (mm)

Power Source AC/DC 12V

Ordering Code Please refer to the data sheet







The most compact size!!

12W Constant Power Smart Driver

Smart Driver is the main tool to connect other luminaires in our system. The built-in wireless dimming and color tunable function, help to transform your preferred luminaire into a smart

1CH or 2CH selectable – Depending on the luminaire LED module, installer can select the correct type of smart driver to control the luminaire.

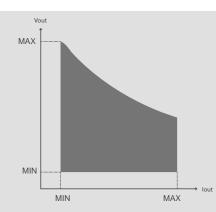
Wide Working Range – The output current can be changed to fit the different LED module. The driver then provides a constant power out accordFlexible installation - Our driver could be installed in the luminaire as a part or out of it as an independent power source. Also, for metal luminaire shell that may hinder the Bluetooth signal, we also provide driver with extention antenna version.

Input Voltage 85-305V

Dimension 90*47*25 (mm)

NFC adjustable output current 280-570mA

Ordering Code Please refer to the data



Wide Range Working Voltage & Current

Our drivers cover a various applications so it is easier to decide the right product in stock.

To achieve this purpose, we adopt the newest design to create the maximum flexibility and covers most the operating points within the voltage range.

It is then possible to maintain reduced stock levels and still be able to choose a driver that is not only suitable but also more efficient.



25W Constant Power Smart Driver

Smart Driver is the main tool to connect other luminaires in our system. The built-in wireless dimming and color tunable function, help to transform your preferred luminaire into a smart

1CH or 2CH selectable – Depending on the luminaire LED module, installer can select the correct type of smart driver to control the luminaire

Wide Working Range – The output current can be changed to fit the different LED module. The driver then provides a constant power out accordFlexible installation - Our driver could be installed in the luminaire as a part or out of it as an independent power source. Also, for metal luminaire shell that may hinder the Bluetooth signal, we also provide driver with extention antenna version.

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.



Easy configuration

Near Field Communication (NFC) is popular in luminaire production, as programming driver settings using NFC provides significant time savings. Using the leading edge technology, the output current can be adjusted in 1mA increments.





40W Constant Power Smart Driver

Smart Driver is the main tool to connect other luminaires in our system. The built-in wireless dimming and color tunable function, help to transform your preferred luminaire into a smart

1CH or 2CH selectable – Depending on the luminaire LED module, installer can select the correct type of smart driver to control the luminaire.

Wide Working Range – The output current can be changed to fit the different LED module. The driver then provides a constant power out according to the LED module voltage, up to 40W.

Flexible installation - Our driver could be installed in the luminaire as a part or out of it as an independent power source. Also, for metal luminaire shell that may hinder the Bluetooth signal, we also provide driver with extention antenna version.

Input Voltage $\,85\text{-}305\text{V}$

Dimension 120*43*28 (mm)

NFC adjustable output current $\,740\text{-}1480\text{mA}$

Ordering Code Please refer to the data

sheet of this product.



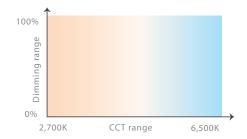
Flexible Installation

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.



Enhanced Wireless Communication

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





Dimming & Tunable White,RGB

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



60W Constant Power Smart Driver

Smart Driver is the main tool to connect other luminaires in our system. The built-in wireless dimming and color tunable function, help to transform your preferred luminaire into a smart

97.4 or 2CH selectable – Depending on the luminaire LED module, installer can select the correct type of smart driver to control the luminaire.

Wide Working Range – The output current can be changed to fit the different LED module. The driver then provides a constant power out according to the LED module voltage, up to 60W.

Flexible installation - Our driver could be installed in the luminaire as a part or out of it as an independent power source. Also, for metal luminaire shell that may hinder the Bluetooth signal, we also provide driver with extention antenna version.

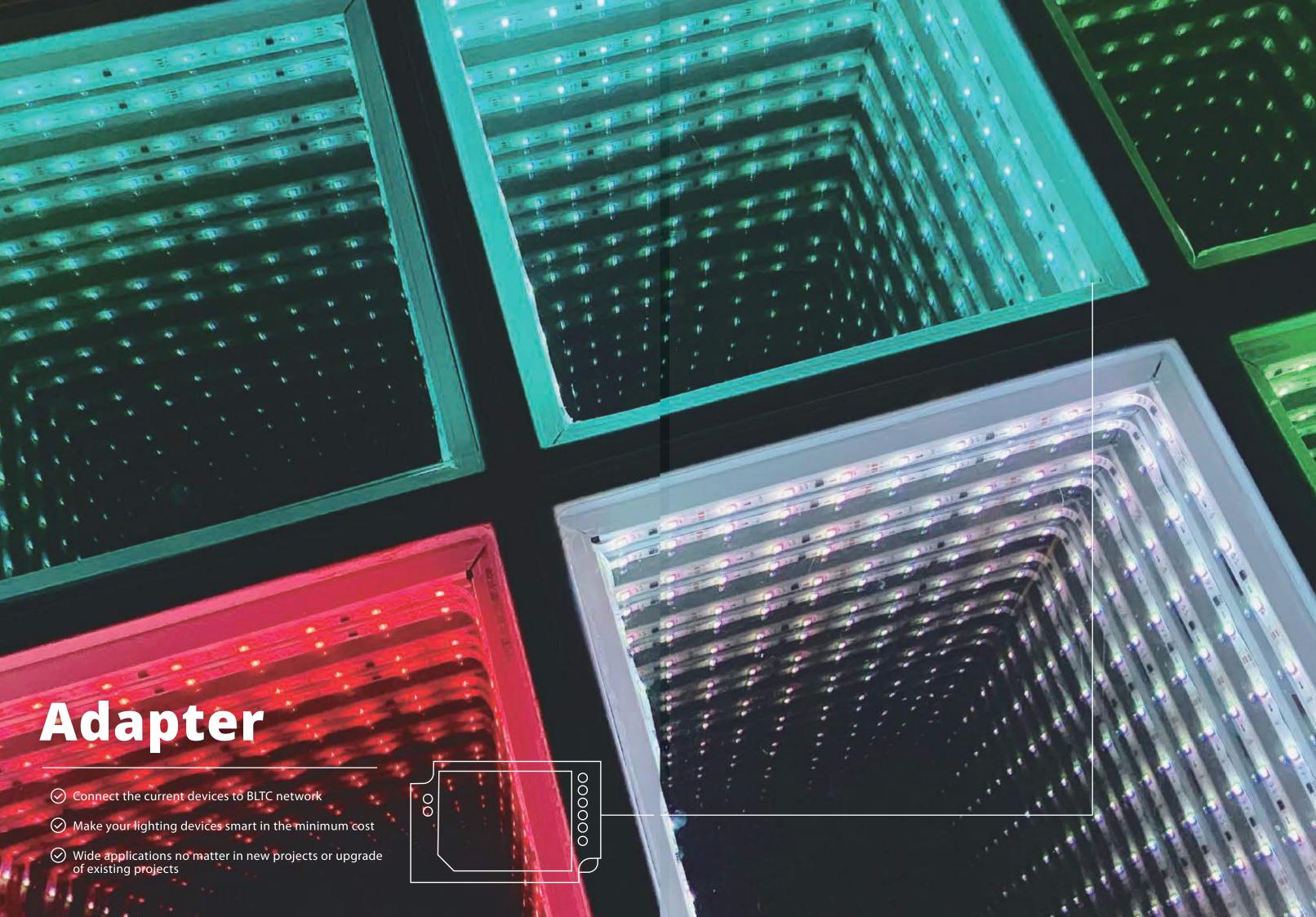
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Input Voltage 85-305V

Dimension 140*43*28 (mm)

NFC adjustable output current 1.1-2.2A

Ordering Code Please refer to the data sheet of this product.





1-10V 4CH Adapter with Relay

In our system, Adapter is to control the devices which are upgraded to BLTC system easily. It has great advantages in the replenish market, where there is already an existing lighting network and it could cost a lot for any reconstruction.

1-10V Dimming Driver Connection – This adapter performs its function by connecting a 1-10V dimming driver and controlling the output current of the driver.

Build-in Relay function – The built-in relay helps the adapter achieve 0% dimming level that traditional 1-10V driver cannot do.

Independent and built-in type – The driver-like connector design with cover makes the adapter can be installed inside or outside of the luminaire. This provides electricians more flexibility to upgrade the current lighting system.

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

In our system, Adapter is to control the devices which are upgraded to BLTC system easily. It has great advantages in the replenish market, where there is already an existing lighting network and it could cost a lot for any reconstruction.

0-10V Dimming Driver Connection – This adapter performs its function by connecting a 0-10V dimming driver and controlling the output current of the driver.

Independent Power Source – This adapter uses an independent 12V driver to start and only sends out 0-10V signal to the dimming driver. Therefore, it's safer while installing compared to Relay-type adapters.

IP65 Protection – The original design is for the high bay control and therefore the reliability under severe

Dimension 58*39*15 (mm)

Power Source DC/AC 12V

Power Source DC/AC 12V

Ordering Code Please refer to the

Please refer to the data sheet

of this product.



LED Strip Adapter (2A/CH)

LED Strip applications are more and more popular in the lighting decoration. Either for new installation or improving construction, this Adapter is a good choice to upgrade traditional LED Strip into a smart lighting system.

Wide application – This adapter supports 1-5CH LED Strip. Users can simply press the settings in APP to switch the control modes without any complex configuration.

Max Load 2A/CH – For CH1/CH2 (single white or warm white / cold white), the adapter can connect up to 48W LED Strip @24V driver; for RGB stripe, the consumption is up to 144W @24V driver.

Easy Installation – The small size helps the electricians to install the device more implicitly.

Dimension 57*36*17 (mm)

Power Source DC 12V/24V

Ordering Code Please refer to the data sheet

of this product.



LED Strip Adapter (10A/CH)

LED Strip applications are more and more popular in the lighting decoration. Either for new installation or improving construction, this Adapter is a good choice to upgrade traditional LED Strip into a smart lighting system.

Wide application – This adapter supports 1-5CH LED Strip. Users can simply press the settings in APP to switch the control modes without any complex configuration.

Max Load 10A/CH – For CH1/CH2 (single white or warm white / cold white), the adapter can connect up to 240W LED Strip @24V driver; for RGB stripe, the consumption is up to 720W @24V driver.

Long Distance Control – With the external antenna, the connecting distance is up to 50m in open area. Combining the large load, this device is particularly suitable for big area LED Strip applications.

Dimension 167*117*35 (mm)

Power Source DC 12V/24V

Ordering Code Please refer to the data sheet

of this product.



Outdoor Relay

In our system, Adapter is to control the devices which are upgraded to BLTC system easily. It has great advantages in the replenish market, where there is already an existing lighting network and it could cost a lot for any reconstruction.

AC/DC Input Voltage – Considering the outdoor luminaire are usually using 12V power supplier, this relay can simply connected to the existing power network to control any 12V luminaire.

IP65 Protection – For outdoor use, this repeater must face different conditions like rain, mist, and fog. The IP65 protection guarantee the weather condition will not affect its normal function performance.

Dimension 70*70*32 (mm)

Power Source AC/DC 12V

Ordering Code Please refer to the data sheet

of this product.



Retrofit-Filament

Filament provides a warm and cozy light that is similar to natural sunlight. They can also create different moods and atmospheres depending on the shape, size, color, and brightness of the lamp. Usually in business applications, filament lamps are used to create a romantic ambiance, a festive mood, or a vintage look.













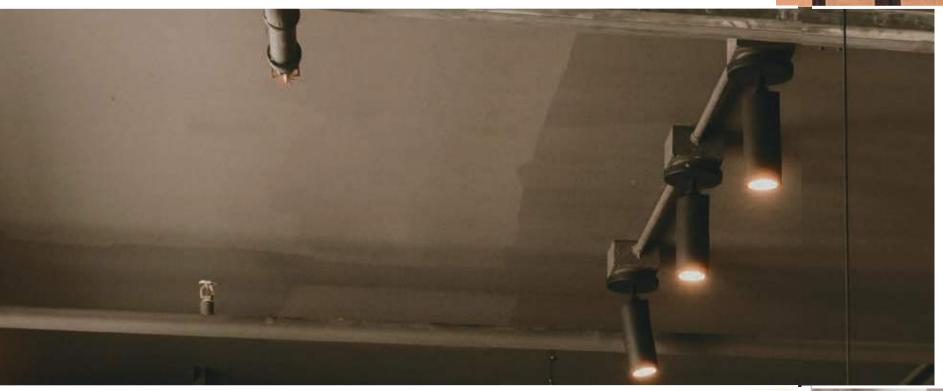






- Wireless dimming
- Wireless color tuning from 2200K-6500K
- Gold plating shell provides warmer





Retrofit-Directional

Spotlight produces a narrow beam of bright light that can be directed at a specific point or object in business demonstration, entertainment, decorations, or occasions where a spot focus is needed. Our spotlights also change light colors, shapes, and intensity to create different atmospheres and emotions.

Some special features make our product unique:

- Wide range size availible from PAR16 to PAR38
- Differnet angle choice availible

You can always find a suitable product to fulfill your task and purpose of smart lighting system without adding extra drivers or adapters.







Retrofit- Non directional

Based on our accumulated experience in developing LED light source in the past 18 years, BLTC also provides different types of lamp or bulb that can fit in many luminaires.

From the most traditional A19 to some particular reflector with GX53 base, or from the minimized JC bi-pin to large size BR40, various lamps in our product family can be chosen to achieve the task of smart lighting.

For occassions such as household, landscape, or commercial exibition, our smart retrofits provide a chance to upgrade the existing lighting sytem to a smart one without any reconfiguration of wires. This will help to reduce the system upgrade cost to enjoy the beneift of smart lighting.







Luminaire

In addition to smart retrofit, BLTC also supplies luminaire, which can connect directly to line voltage power in the lighting system without any driver. According to the interior design requirement, there are various kinds of luminaires available in the market, and we focus on the most frequently used luminaires that usually take the main responsibility in the lighting system:

Downlight

Downlight is a type of lighting fixture embedded in the ceiling and emits light downward, used as a main light source due to its invisible installation and harmonic downward light intensity.

In addition to the traditional downlight, BLTC also provides direction adjustable downlight to cover different requests.



Batten is a type of lighting fixture that provides linear light source, frequently used in indirect lighting or mainstream lighting in locations like offices. BLTC provides batten with plug-and-use connector that electricians can install the lights efficiently.







Landscape Luminaire

Landscape luminaire is designed to illuminate outdoor spaces, such as gardens, pathways, walls, or ponds. The smart landscape luminaires from BLTC not only support the traditional lighting functions, but also provide a tool for used or designers to change the outdoor ambience.







Taiwan Headquarter

Partner Information:





