

OPCOM® - 1 Installation Guide



Congratulations on your purchase of the OPCOM-1 system.
The package includes:

Wireless Control Box x 1pc  OPL001	Lighting Controller x 1pc  OPL101	Omnidirectional LED Lamp x 3pcs  OPL501
PIR Siren x 1pc  OPL209	Magnetic Switch x 3pcs  OPL206	Wi-Fi HD Camera x 1pc  OPL301

* Batteries, Ethernet cable, power cord. For complete user manuals, please visit <http://www.opcomlinkusa.com/>

Simple Installation – Just Few Steps

Before start installation few things you must know.

- All OPCOM-1 devices are already pairing with wireless control box. If the  of device is solid on, please do pairing process.
- The  indicate:
 1. Blinking → device is in pairing mode
 2. Solid → device in not connect to wireless control box

Step 1 Download and install app on your smartphone

- For your Android device, open Google Play store and type "OPCOMLINK" in the search box. Download and install the app to finish the installation.
- For your iOS device, open App store and type "OPCOMLINK" in the search box. Download and install the app to finish the installation.



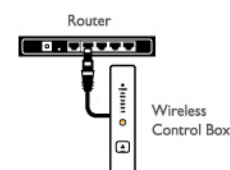
Step 2 Complete hardware activation on app

- Enable Smartphone's Wi-Fi connection or 3G network and make sure it has internet access ability.
- Register your product number (or using QR code scan on Gateway).
- Tap "Connect" on the app. When you see the message "Connection Successful", you are good to go!




Step 3 Assemble Wireless Control Box and connect to your existing router




- Plug the dongle and flash drive into USB slot.
- Connect Wireless Control Box to the router using the included Ethernet cable and plug the power adapter into Wireless Control Box.

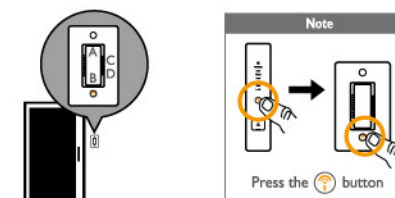


Step 4 Install the Lighting Controller

- Remove the plastic pull tab from the battery.
- Lighting controller has four buttons (A, B, C, D) & pairing key.
1. Press "A" control LED to favorite level
2. Press "A" twice for full on.
3. Press "A" not release, the LED will brighter step by step. Release to setup favorite level.
4. Press "B" twice for level one.
5. Press "C" and "D" to adjust light level.

Note If the  is solid on, please do pairing process.


Press the  button on your wireless control box or other already pairing device until the light turns blink. Then, press the  button on the lighting controller. The lighting controller will automatically connect to your wireless control box. When the  turns solid on for 5 sec, it means it connects successfully.



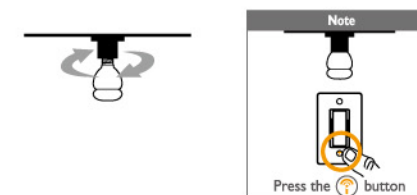
Step 5 Install the Omnidirectional LED Lamp

- Please switch off the power, then Install Omnidirectional LED Lamp into bulb base.
- When the installation is ready, switch on the power. The Omnidirectional LED Lamp will light up.

Note If the LED bulb is not controlled by app, please do pairing process.


Press the  button on your light controller until the light turns blink.




Put the short line-of-sight distance between light controller and LED bulb. The light controller will automatically connect to your LED bulb and controlled by light controller.

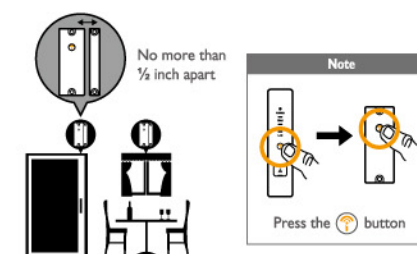


Step 6 Place Magnetic Switch at appropriate location

- Remove the plastic pull tab from the battery.
- Install the sensor at the edge of the door or window frame, the large part of the sensor head should be placed on the non-removable frame of the door / window.
- Place small part of the sensor on moving door / window and the other part on the frame itself. Make sure that the arrows on 2 sensor parts are lined up and are no more than 1/2 inch apart.


Note If the  is solid on, please do pairing process.




Press the  button on your wireless control box or other already pairing device until the light turns blink. Then, press the  button on the Magnetic Switch. The Magnetic Switch will automatically connect to your wireless control box. When the  turns solid on for 5 sec, it means connector successfully.

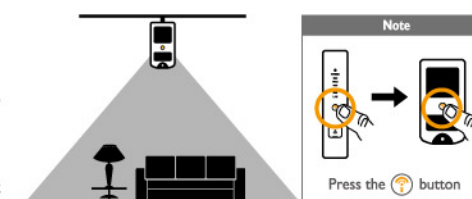


Step 7 Place PIR / Siren sensor at appropriate location

- Remove the plastic pull tab from the battery.
- Place the device appropriately to ensure maximum coverage of a monitored area.
- The PIR sensor monitor any movement up to 10 meters and should not be placed higher than 2 meters above the floor.

Note If the  is solid on, please do pairing process.




Press the  button on your wireless control box or other already pairing device until the light turns blink. Then, press the  button on the PIR / Siren sensor. The PIR / Siren sensor will automatically connect to your wireless control box and the  will turn solid on for 5 sec.

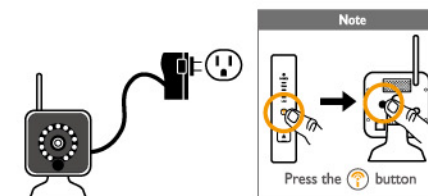


Step 8 Power up Wi-Fi HD Camera after placing it at the appropriate location

- Place the camera within range of a power outlet and connect power cord to the camera.
- We recommend the distance of camera and Wireless Control Box is better less than 100 meters.
- The Wi-Fi HD Camera has night vision for easy night time monitoring.

Note If you can't view video from app, please do pairing process.

Press the  button on your wireless control box or other already pairing device until the light turns blink. Then, press the  button on the camera. The camera will automatically connect to your wireless control box. When the  turns solid on for 5 sec, it means connector successfully.



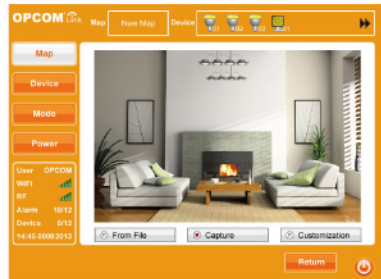
OPCOM[®] - 1 APP Quick User Guide

- 1 Register Wireless Control Box
- 2 Add new map and place device at exactly location in your home
Choose the way you want to create map

I. Add new map from file



II. Add new map from capture via camera of smartphone



III. Add new map from your customize figure



2.1 Drag all devices and place at exactly location in map



2.2 If location changed, you can drag and move the device icon to new location



- Control device on map.
1. Click bulb to turn on / off LED light
 2. Click camera to view live video
 3. Click Magnetic Switch to switch on / off

3 Configure device setting for your need



Please choose different types of device to configure

3.1 Configure Lighting Controller



Adjust lux bar to suitable brightness, and set relationship to LED to control

3.2 Configure Omnidirectional LED Lamp brightness and schedule setting



3.3 Configure Magnetic Switch trigger device when alarm occurred and schedule setting



3.4 Configure Magnetic Switch trigger device when alarm occurred and schedule setting sensor



3.5 Configure Wi-Fi HD Camera trigger device when alarm occurred and schedule record setting



4 Atmosphere mode setting



Create the different lighting modes for desired occasions



5 Power consumption analysis



See the power consumption of each device from chart.



6 Add new device into your system.

Press pairing key on new device and Wireless Control Box simultaneously. When the pairing key LED light became solid on, please release the pairing key. Then you can see app new device on device column.



FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,

uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.