

## Bluetooth Gateway

HBGW02 & HBGW02-POE  
Remote Control Access

# HYTRONIK®

### Technical Data

Product Dimension	120x120x30mm
DC In	DC5V/2A
WiFi Frequency	2412-2484MHz
WiFi Output Power	19.5±1dBm
WiFi Range	Max.30m
BT Output Power	0dBm
BT Range	Max. 10m
LED Indicator	Power On: Red WiFi: Green Bluetooth: Blue
Operation temperature	Ta: -35°C ~ +70°C
IP rating	IP20
Safety and EMC	EN-60950-1, EN-301489-17 EN-301489-1, EN-30328

**Bluetooth® 5.0 SIG mesh**

Smartphone app for both iOS & Android platform






 

Koolmesh Pro app for iPad

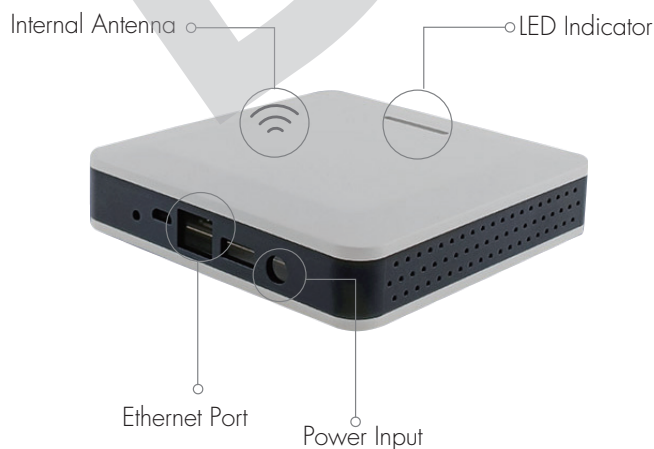
  

Web app/platform: [www.iot.koolmesh.com](http://www.iot.koolmesh.com)

### Key Features

-  Data transmission between Mesh network & Ethernet
-  Available with POE power supply version
-  Seamless integration with BMS
-  Extended Bluetooth Range
-  Cost-Effective Solution

### Mechanical Structure



Charger

## Receptacle Accessory

HAPOE is a POE Splitter that separates power and data in an Ethernet cable. It enables HBGW02 to obtain power and data via a single Ethernet cable, simplifying installations and eliminating the need for extra power sources.

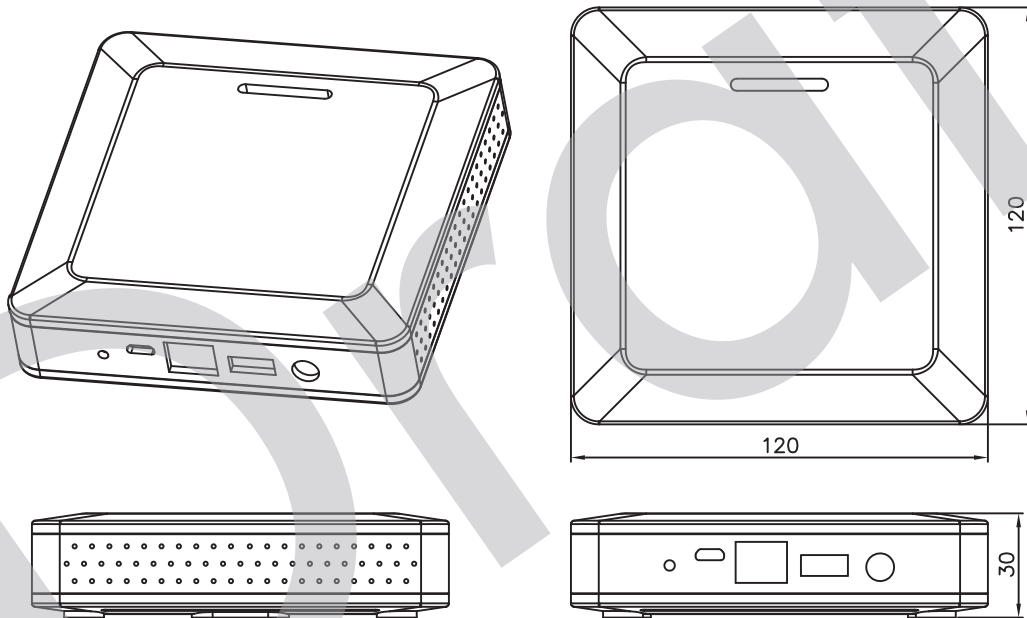
### Mechanical Structure



For more details, please refer to <https://hytronik.com/product/hapoe>

Note: HAPOE not included in the package.

### Dimensions



### Additional Information / Documents

- 1.Data sheet is subject to change without notice. Please always refer to the most recent release on [www.hytronik.com/products/bluetooth technology](http://www.hytronik.com/products/bluetooth%20technology) ->Bluetooth Accessories
- 2.Regarding Hytronik standard guarantee policy, please refer to [www.hytronik.com/download](http://www.hytronik.com/download) ->knowledge ->Hytronik Standard Guarantee Policy