

Bluetooth Gateway

HBGW01

Remote Control Access

HYTRONIK®

Technical Data

Product Dimension	105x105x25mm
CPU	Allwinner H6.up to 1.5 GHz. Quad core ARm Cortex-A53
GPU	Mali-T720
RAM	4G DDR III
ROM	32G
DC In	DC5V/2A
Lan	RJ45 Ethernet port(100M)
Dual Wifi	2.4G+5G(AC2x2)
BT	BT5.0
Power Indicator	Power On:Blue
Bluetooth Range	Max. 10m
Safety and EMC	EN-60950-1,EN-301489-17 EN-301489-1,EN-30328
Operation temperature	Ta: -35°C ~ +70°C
IP rating	IP20

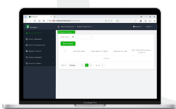
Bluetooth® 5.0 SIG mesh

    
for iOS for Android

Smartphone app for both iOS & Android platform

 
for iPad

Koolmesh Pro app for iPad

  
for Web

Web app/platform: www.iot.koolmesh.com

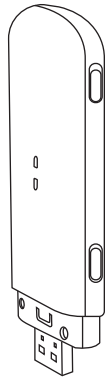
Mechanical Structure



charger

Gateway 4G-to-WiFi Internet Access Solution

For projects where wired Ethernet is not available, a portable WiFi dongle (supporting 2.4GHz) can be directly plugged into the gateway to provide internet access.



**Portable WiFi Hotspot
(for reference only)**

This portable WiFi dongle is not included in the package and must be provided by the customer.



**Physical Drawing
(for reference only)**

The portable WiFi dongle must be inserted into the blue USB port for proper operation.

*After inserting the device into the USB port, complete the Wi-Fi setup via the Wi-Fi Companion web page. Once connected successfully, the "Network Connection Status / Reset WiFi" section in the Koolmesh app will display "On-line".

Additional Information / Documents

1. To learn more about detailed product features/functions, please kindly refer to <https://hytronik.com/product/hbgw01>
2. Data sheet is subject to change without notice. Please always refer to the most recent release on <https://hytronik.com/products/system-level-components>
3. Regarding Hytronik standard guarantee policy, please refer to <https://hytronik.com/service/downloads> (Guarantee Conditions document)