

Internet Gateway | Model: G-CC-C05-D000



Specifications

- Processor - Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
- Connectivity - 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE, Gigabit Ethernet
- Memory - 2GB LPDDR4
- Input Power - 5V, 5A operating input range
 - Short circuit, overcurrent and over temperature protection
 - 1.5m 18 AWG captive cable with USB-C output connector
- Optional POE connection. Use code G-CC-POE-D000 to order
- Operating Ambient Temperature - 42°F to 167°F (-20°C to 75°C)
- Dimensions - 1.7" x 2.75" x 1.05" (43mm x 70mm x 26mm)
- Color - Black

Description

The **Gateway** is a small form factor, open source micro computer that is widely used throughout the tech industry. With the ability to run the Linux Operating System it is a safe and secure solution to bridging many of the most commonly used IOT protocols.

Applications

- Gateway Between Various Protocols and the BubblyNet Bluetooth Mesh Ecosystem
- Allow user access from remote locations
- Control basic functions HSL, CTL, ON/OFF and DIMMING
- Remote Debugging and Configuration of Bluetooth Mesh Networks
- Internet Gateway for the Bluetooth Mesh Network

Certifications



Installation

The **Gateway** needs to be installed within 30 feet of the closest device within the Bluetooth Mesh network.

Signal strength significantly decreases in presence of metal barriers such as when devices are enclosed in metal boxes.



POE splitter for G-CC-POE-D000