

ULPLUS-GW

UltraLink+ Wireless Gateway



The UltraLink+ Bluetooth Wireless Gateway is required when the user wants advanced features and time-based events.

It provides both local and remote access to the Bluetooth Mesh network for configuration, debugging, and cloud connectivity with Building Management Systems (BMS). The device supports lighting control, including on/off switching, dimming, CCT adjustment, color tuning, and scene management. It also enables sensor data collection and analysis, and can be accessed via the UltraLink+ web portal or mobile app for initial design, setup, and ongoing configuration.

TECHNICAL SPECIFICATIONS¹

- **Color:** Black.
- **Processor:** Broadcom BCM2711, Quad-Core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz.
- **Memory:** 2GB LPDDR4.
- **Connectivity:** 2.4 GHz and 5.0 GHz IEEE 802.11ac Wi-Fi, Bluetooth 5.0, BLE, Gigabit Ethernet. Optional PoE connector².
- **Input Power:** 5V DC, 2A.
- **Protection:** Short circuit, overcurrent, over temperature.
- **Wiring:** 1.5m 18 AWG captive cable with USB-C output.
- **Operating Temperature Range:** -20°C to +75°C (-4°F to +167°F).
- **Max Bluetooth Range:** 30ft (9.1m) line of sight.

LISTINGS

- FCC, UL, DLC, RoHS.
- Conforms with DLC NLC5 Cybersecurity Standards.

FEATURES

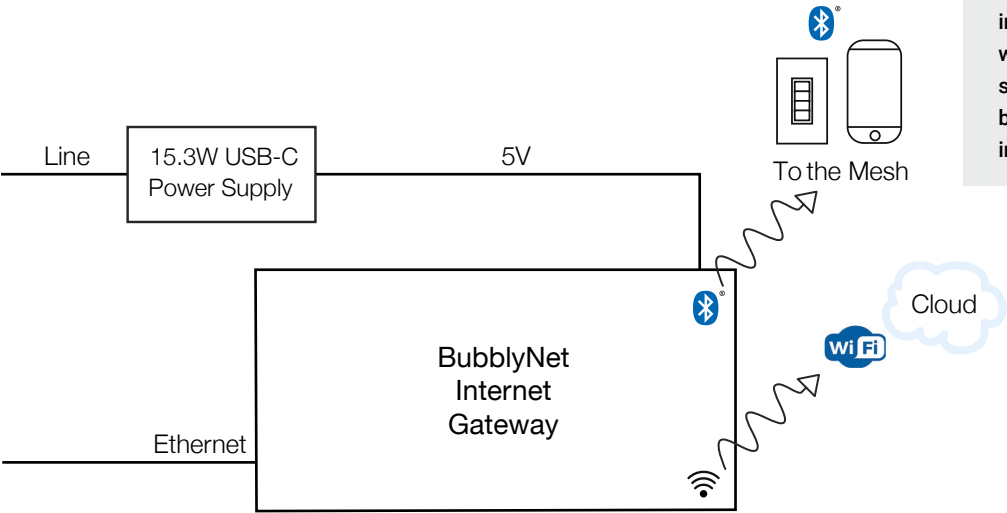
- Gateway between various protocols and the BubblyNet Bluetooth Mesh ecosystem.
- Network access from remote location for debugging and configuration of the Bluetooth Mesh network (requires Ethernet or Wi-Fi connectivity).
- Local control of the network.
- Sensor data collection and analysis.
- Control: Scenes, on/off, intensity, CCT, HSL (full color), air quality values.
- Suitable for indoor use.
- Mobile app available for iOS and Android devices.



ORDERING

Part Number	Description
ULPLUS-GW	UltraLink+ Bluetooth NLC Wireless Gateway, ARM v8 Quad-Core Processor, 2GB RAM, Wi-Fi 5, Gigabit Ethernet, Remote Access, BubblyNet Firmware. Field installed.

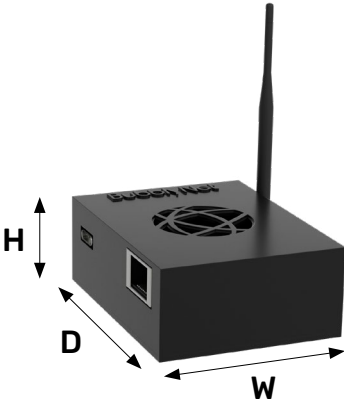
CONNECTION DIAGRAM



For best results, Gateways need to be installed within 30 feet of the closest device within the Mesh network. Signal strength significantly decreases in presence of metal barriers such as when devices are enclosed in metal boxes.

DIMENSIONS

	Height	Width	Depth
Gateway (without antenna)	1.05"	1.7"	2.75"



FOOTNOTES

- 1. The performance of sensors and lenses is influenced by various factors beyond Linmore LED’s control, including but not limited to environmental conditions, user settings, and proper maintenance. While we provide detailed specifications and guidelines to help optimize performance, we cannot guarantee or be held liable for the performance of sensors or lenses under any particular circumstance(s). Customers are advised to test the products in their specific application environments to ensure suitability for their intended use and are responsible for all sensor and lens selections.
- 2. Contact factory.

Updated: 2025/07/19