

PRODUCT SPECIFICATIONS

Blyott Fixed Locator BT-L1

Start monitoring and locating your assets now

If your existing Wi-Fi infrastructure doesn't have built-in BLE, the BT-L1 is an excellent option.

The BT-L1 is pre-configured, works out of the box and includes remote management (OTA).

Based on either BLE MAC address prefixes or BLE manufacturer ID's, the locator only listens to relevant BLE broadcasts, consequently saving overall network traffic.

After picking up BLE broadcasts, data is securely sent to the Blyott Cloud via either the built-in 10/100 Mbit/s Ethernet port or 2.4 GHz Wi-Fi.

The firmware on the BT-L1 is protected via code signing and secure boot. Communication between the locator and the Blyott Cloud happens via the MQTT protocol, secured by a TLS tunnel layer.

Additionally, authentication and encryption are done through X.509 certificates individually assigned to each device and signed by Blyott. That way, you can safely isolate devices in the unlikely event that certificates should breach.

The device is powered via either USB or PoE and fully configurable via the Blyott Remote Insights Platform (OTA).



Works out of the box

- 1 Register the BT-L1 on the Blyott Cloud.
- 2 Plug in the power.
- 3 The device automatically connects to the Blyott Cloud.
- 4 The device starts sending BLE broadcast information.

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All specifications BT-L1

General

Indoor coverage	On average, one BT-L1 per 75-150 m ² / 807.29-1614.80 ft ²
Connectivity	Built-in Wi-Fi (2.4 Ghz - 802.11 b/g/n MAX Speed 150 Mbit/s) & Ethernet (10/100 Mbit/s)
Security	Ensure these ports are open on your firewall or router: TCP/UDP 123, 443 and 8883
Antenna	External Wi-Fi & BLE antenna
Power	Power via USB or PoE-in (5V - 1A)
Configuration	Pre-configured to work out-of-the-box with the Blyott Remote Insights Platform
Packaging	Includes antenna & USB cable (power adaptor is not included)

Physical

Dimensions	50 mm / 1.96" (width) x 50 mm / 1.96" (length) x 20 mm / 0.78" (height)
Colors	White
Casing	PC and ABS, highly durable composite structures used in the automotive industry

Chemical and mechanical

Operating temperature	-10°C to +60°C / +14°F to +140°F
Certificates	CE

About Blyott

Blyott is at the forefront of transforming industries with innovative localization and monitoring solutions. Our platform integrates advanced data analytics and AI, supporting various sectors to navigate operational challenges, enhance efficiency, foster staff well-being, and achieve sustainability goals.



EASY TO SET UP

Works in a matter of minutes.



SCALABLE

Scale to millions of assets.



PAY-AS-YOU-GROW

Custom plans are available.



OPEN STANDARD

Integrate using REST APIs and webhooks.



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