



ECHOLO

Echolo OLR (EL-OLR-02)

The Echolo Outdoor Long-Range Hub or Echolo OLR for short is a BLE powerhouse, taking advantage of the latest in Bluetooth 5.0. This Hub can detect devices up to 300 meters away, all while sitting outside in the hot sun or cold snow.

- Bluetooth 5.0.
- 300 Meters long-range.
- BLE Bi-directional communications.
- Easy management - built-in support for the Echolo IoT Platform.
- Fine grain data collection (as fast as 1 second).
- IP54

Technical Specifications

Mounting - Wall Mount

Power Interface - 5v @ 1A(max) / POE

Network Connections - WiFi

Bluetooth - Bluetooth Low Energy (BLE) 5.0

- BLE distance: 300 meters
- Bi-directional Communication (Optional)

Size - 172mm X 90mm

Environmental:

- Temperature - -40°C to 65°C (-40°F to 149°F)
- Humidity: 0% to 90% non-condensing
- IP54

Warranty:

- 2-year limited warranty (As stand-alone Hub)
- Lifetime limited warranty (When paired with On-Premise Service/Current Subscription to the Echolo IoT Platform)

Power Online or Off

The OLR is Echolo's workhorse Hub, with an IP rating of IP54 it is deployed in some of the dirtiest and inhospitable places, it continues to work without complaint. Echolo has developed custom software to allow this Hub to produce truckloads of data without costing you a fortune. With PoE or DC (AC plug included) power options it makes it easy to get set up and working.

Use Cases:

- Long-Range Automation
- Industrial Telemetry Data Collection
- Indoor Positioning and RTLS applications
- On-Premise Automation
- End BLE Device Manipulation

