



Lyngsoe AoA Locator

- Compact Design with LED indicator
- PoE Powered and Connected
- Flexible Mount Options
- Angle of Arrival (AoA)
- Scalable, Efficient, and Accurate
- Applicable to complex RF environments
- Host options include the device, edge, or cloud

Antenna Characteristics

- 16 element Antenna Array Design
- Frequency: 2.402 – 2.480 GHz
- Polarization: Circular
- Peak Gain: -3 dBi

Product Description

The Angle-of-Arrival (AoA) indoor positioning locator features a compact 16-element switched antenna array to track the real-time position of BLE 5.1-based tags. It uses standard 802.3af Power over Ethernet (PoE) to transfer packets to either on-premises computing or the cloud solutions.

The Lyngsoe AoA Locator covers up to 325 m² with submeter accuracy within 120 m².*

**Estimated coverage is based on the locator mounted on the ceiling at a height of 4-5 m with optimal environmental conditions. Actual coverage may vary and depend on the locator's mount orientation, height, and specific environmental conditions.*

Suitable Applications

Office/Hospital/Hotel: Wheel chair, equipment, room occupancy.

Retail: Customer Traffic, Shopping Carts, Electronic Shelf Labels.

Warehouse/Distribution/Sorting: RTIs, Pallets, Transport materials, Material handling equipment (forklift).

Specifications

Lyngsoe AoA Locator

Product Characteristics:	Operating/Storage Temp: -20 to +60 °C PoE 802.3af Class 1 Device (Power <4 W) Avg Power = 2W/ Max Power = 3W RX Sensitivity: -96dBm
Over the Air Update:	Allowing reconfigurable firmware updates
Mechanical Data:	Size: 150 mm x 150 mm x 42 mm Weight: 400 grams
Certifications:	FCC compliant
Mounting Options:	Ceiling/Wall/45°
Tested Chip Vendor for Tags:	InPlay Inc. IN100

Mechanical Outline

