



Bluetooth AOA Positioning Anchor ID-AOA-GW25 (Sub-Metre, IP66)

Model ID-AOA-GW25 · Brand: Identium



A ceiling- or side-mounted Bluetooth AOA anchor that measures the angle of arrival of signals from AOA-capable beacons and fixes their positions to 0.1–1 m. Use it with Identium's AOA-capable BLE tags and work cards for real-time indoor location of people and assets.

KEY FEATURES

- **Bluetooth angle-of-arrival positioning, 0.1–1 m with AOA-capable Identium tags**
- **Phased-array direction finding in an 18 × 18 × 4 cm housing**
- Covers a radius of up to about twice its mounting height (3 m ceiling: up to ~6 m)
- Locates AOA-capable ID-BLE-L01, B22, A07, A20, S25, C08 and X11 tags
- Standard PoE or DC power; ceiling or side mounting
- IP66 housing, operates from -20 °C to +60 °C

APPLICATIONS

Smart factories

Logistics warehouses

Hospital staff and equipment

Elderly care homes

Data centres

Security facilities

Exhibition halls

Sports venues

SPECIFICATIONS

Positioning method	Bluetooth Angle of Arrival (AOA), phased-array direction finding
Positioning accuracy	0.1–1 m (with AOA-capable Identium tags; depends on mounting height and layout)
Coverage	Radius up to about twice the installation height (e.g. 3 m ceiling ≈ 6 m radius); multiple anchors tile larger areas
Dimensions	18 × 18 × 4 cm
Mounting	Ceiling or side mount
Power	Standard PoE or DC power supply
Frequency	Bluetooth, licence-exempt 2.4 GHz band

Compatible with	AOA positioning: ID-BLE-L01, ID-BLE-B22, ID-BLE-A07, ID-BLE-A20, ID-BLE-S25, ID-BLE-C08, ID-BLE-X11. Data interface supports Bluetooth 4.0+ beacon terminals and mobile phones
Data output	Angle (IQ) data to the positioning server or cloud
IP rating	IP66
Operating temperature	-20 °C to +60 °C
Platform	Works with the Identium RTLS / asset-management platform (the platform forwards events to MES / ERP over MQTT, UDP or HTTP)