

INDUSTRIAL BLE BEACON · LONG-RANGE ASSET TRACKING

Asset Tag AT-3

Built for demanding industrial environments, the Asset Tag AT-3 combines ultra-long Bluetooth range (up to 350 m in long-range mode), a 2600 mAh replaceable battery lasting 8+ years and IP67 / IK08 ruggedness — with a built-in magnet for instant attachment to any metal surface.

BLE 5.0

UP TO 350 M

IP67 · IK08

8+ YRS · ER14505

3-AXIS G-SENSOR

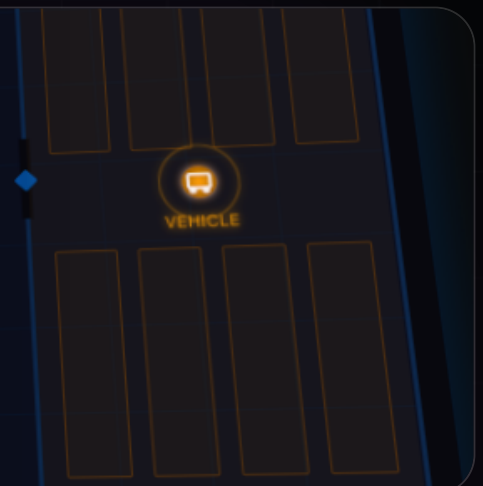
MAGNETIC MOUNT



POWERED BY 4MTRACKING

Track assets where others can't reach

With 350 m long-range BLE and 8+ years on a single replaceable battery, the AT-3 keeps high-value equipment and assets visible — across construction sites, warehouses and outdoor yards.



Technical Specifications

Industrial-grade BLE tracking with ultra-long range and replaceable ER14505 battery.

Specification	Asset Tag AT-3
GENERAL	
Main chip	Nordic nRF52 series
Bluetooth	BLE 5.0
Range* — 1M PHY	Up to 160 m
Range* — Coded PHY	Up to 350 m (long-range option)
Dimensions	94.6 × 51.7 × 22.8 mm
Material / Color	PC + ASA · Gray
Waterproof	IP67
Shock resistance	IK08
Built-in magnet	Yes — instant adhesion to metal surfaces
Installation	Screw · Sticker · Zip Tie · Magnetic (optional)
Sensors	3-axis accelerometer · Magnetic switch (optional)
POWER	
Battery	Replaceable 2600 mAh ER14505 lithium
Lifetime — 1M PHY	8+ years
Lifetime — Coded PHY	3+ years
ENVIRONMENT	
Operating temperature	−20 °C ... +60 °C
Humidity	0 % ... 95 % (non-condensing)
Certifications	FCC · CE · RoHS · REACH

*Range tested in open area with no obstacles. Default: 0 dBm Tx power, 1000 ms ADV interval. Battery lifespan estimated at 25 °C in standard asset tracking scenario (TLM frame).

Key Features

Built for the harshest industrial environments — where range and runtime matter most.

Ultra-long range — up to 350 m in Coded PHY long-range mode; 160 m in standard 1M PHY mode.

8+ year battery life — 2600 mAh replaceable ER14505 cell keeps the AT-3 running for years without intervention.

Built-in magnet — powerful magnetic adhesion for tool-free instant attachment to any metal surface.

Reinforced industrial design — IP67 waterproof and IK08 shock-resistant for construction sites, yards and heavy industry.

Flexible mounting — screw, sticker, zip tie or optional magnetic suction; adapts to any asset or surface.

Motion & tamper sensing — 3-axis accelerometer and optional magnetic switch for movement alerts and anti-misuse protection.

APPLICATIONS

• Construction & Outdoor Sites

Geo-fence alerts, anti-theft alarms and equipment tracking across large outdoor yards and worksites.

• Warehouse & Logistics

Track pallets, tools and equipment — prevent use of overdue items and optimise stock levels.

• Manufacturing

Monitor raw materials, turnover boxes and machinery in real time across the production floor.

• Agriculture & Remote Tracking

Long-range BLE enables livestock and asset tracking across open farms, animal pens and remote fields.