



Unpowered Asset Tracker

AG45 Datasheet



OVERVIEW

The AG45 Unpowered Asset Tracker is a wallet-sized tracker ideal for monitoring assets like intermodal containers, construction equipment, dumpsters, light towers and other mobile assets etc. It features two GPS check-ins per day, a high capacity replaceable battery that lasts 5 years and a waterproof and ruggedized enclosure. The AG45 enables increased asset utilization, theft recovery and optimized pool inventory management. It is part of Samsara's complete sensor system that combines asset tracking, fleet management, safety, and compliance solutions in a single platform.

CONNECTIVITY

Cellular	LTE-M Connectivity
Offline Storage	Built-in flash memory logs data when Internet connectivity is unavailable
Security	All Internet connectivity secured via SSL with 256-bit AES encryption (military-grade)

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LOCATION

GPS	Advanced positioning system simultaneously reads from multiple independent satellite systems including GPS and GLONASS global navigation satellite systems. Internal antenna for discreet installation. Industry leading -146 dBm sensitivity with 1 second time-to-fix (hot start).
Default Check-in	Twice per day

POWER

Battery	<ul style="list-style-type: none">• 4 AA batteries (Replaceable with SAFT LS14500)• Typical battery life 4-5 years (2 check-ins/day)• Actual battery life may be affected by extreme cold or cellular signal strength
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ENCLOSURE

Material	Polycarbonate
Dimensions	70×112×29 mm
Weight	180 gms
Operating Temperature	-20°C to 65°C
IP Rating	IP67 Certified (weatherproof and water resistant up to 1m submerged)

SAMSARA CLOUD

Features	<ul style="list-style-type: none">• Map-based location tracking• Ability to customize ping rates and switch to real-time for theft detection• Developer APIs• Alerts• Geofence
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INSTALL ACCESSORIES

What's Included

- Anti-theft machine screws
- Anti-theft self tapping screws
- Anti-theft screw bit
- VHB strip
- Alcohol wipes