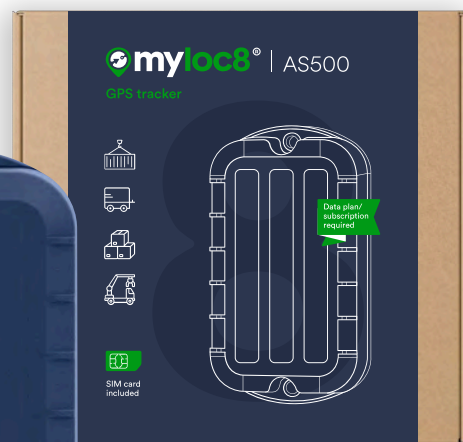




AS500 Long standby asset tracker

AS500 asset tracker is ideal for monitoring unpowered asset such as containers, generators, trailers, and more. It not only supports outdoor GPS, but also provides Wi-Fi scan, which enables to track mobile asset indoors.



SIM card
included

Unique features

- Up to 8 years of battery life with three AA batteries
- LTE Cat.M connectivity
- Built-in Wi-Fi scan for indoor tracking
- Built-in Bluetooth for wireless sensor monitoring
- Tamper and door open detection
- Ruggedized IP69K enclosure

Ordering Information

Model	Region	Connectivity	AA Battery (AA battery x 3)
AS500	Global	LTE Cat.M	✓

Optional accessories

Tamper detection



Door open detection



Magnet mount



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Myloc8 is part of the Trackimo™ Group, a world-leading provider of personal safety and asset tracking IoT solutions, combining hardware, software, and communications expertise for over 15 years. We are trusted by global partners such as Vodafone™ and Paramount™.



Specifications

Cellular

AS500 (Global)	LTE FDD Cat.M1 B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B85
Data support	UDP/IP, TCP/IP, MQTT
Roaming	Global data roaming
FOTA	Supported
Antenna	Embedded cellular antenna

Positioning

GNSS receiver	99 channel engine
GNSS engine	GPS & GLONASS
Other location technology	Wi-Fi Scan
SBAS support	WAAS, EGNOS, GAGAN, MSAS
Tracking sensitivity	-167dBm
Acquisition sensitivity	-149dBm
Location accuracy	2.5m CEP 50%
Antenna	Internal

Sensors

Accelerometer	3-axis $\pm 16g$
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Electrical

Operating voltage	4.5V (AA Battery 1.5V x3)
Current consumption	Deep sleep mode < 25uA
Battery type	Li-FeS2, AA x3pcs
Battery capability	3,000 mAh
Battery life	Up to 8 years (daily report interval)
LED indicator	Internal (battery level)

Wireless

Bluetooth	Low energy v5.1, Class2 (support long range)
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Memory

Internal flash memory	16 Mbits 10,000 queues
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Environmental

Operating temperature	-40°C to +60°C
Humidity	95%RH@ 50°C Non-condensing
Vibration/Shock	MIL-STD-810H
Salt fog	MIL-STD-810H
Low pressure	MIL-STD-810H
Unit drop test	MIL-STD-810H
IP rating	IP67, IP69K

Physical

Dimensions	118mm x 65 mm x 28mm (4.64" x 2.55" x 1.10")
Weight	171 g (0.38 lb) with batteries
Enclosure	UV-Resistant PC
Mounting method	Screw mount, bolts, magnet mount*

Connectors

SIM	Embedded SIM with nano-SIM option
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Certifications

Standards	FCC, IC, PTCRB, CE, RoHS
Carriers	AT&T

* Optional

Last updated: 12 March 2025