



## 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



Follow Myloc8 on social media:





## 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 ±16g
---------------	-------------

### 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)
-----------	---

### Memory

Internal flash memory	16 Mbits 10,000 queues
-----------------------	---------------------------

### 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
-----	-----------------------------------

### Certifications

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

\* Optional

Last updated: 12 March 2025