

MTL-1502 LTE CONTAINER TRACKER

MTL-1502 R 1.0
Jan. 8, 2025

Key Features

Enclosure Rating	IP68
Interface	LTE Cat M1/NB2/EGPRS
Battery	57000mAh Li-Polymer
Uptime	Up to 10 years
Sensors	Temperature Sensor (external BLE) Humidity Sensor (external BLE)
Antennas	Internal
Dimension	87 x 51 x 30 mm



1 DESCRIPTION

The rugged MTL-1502 Tracker is equipped with a lithium-ion battery and can operate for up to 10 years without the need for an external power supply. The data transmission frequency can be changed with the firmware setting. At a data transmission frequency of 1 x per day, the capacity of the battery is about 10 years.

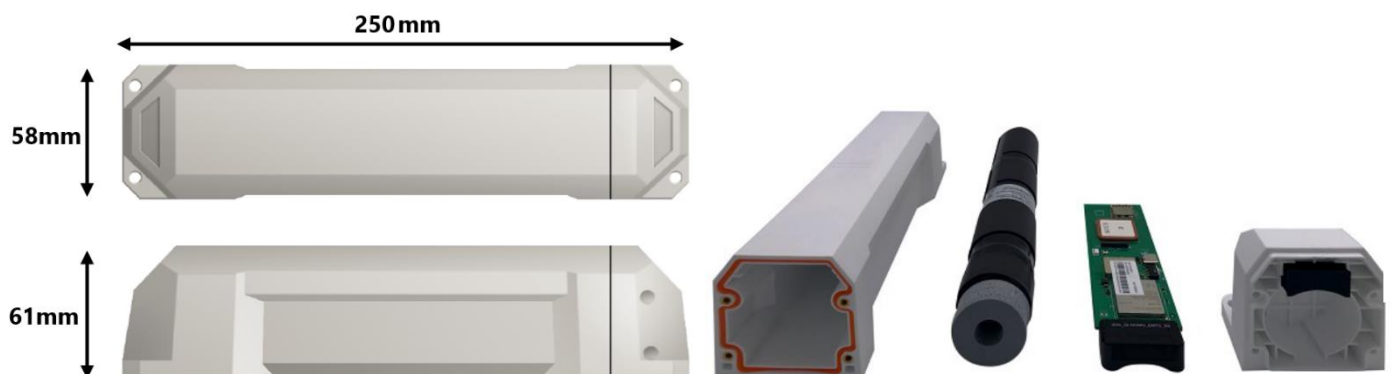
2 SPECIFICATIONS

SYMBOL	PARAMETER	MIN	TYP	MAX	UNIT
TA	Ambient temperature range	-20	-	+60	°C
GPS/GNSS	Receiver sensitivity	-	-167	-	dBm
ALTITUDE	Maximum altitude	-	18000	-	m
VELOCITY	Maximum velocity	-	515	-	m/s
CONNECTIVITY					
Cat M1/Cat NB1/2	LTE FDD / LTE TDD				
EGPRS	850/900/1800/1900MHz				
TX-POWER	Max. 23dBm				
PROTOCOLS	TCP, UDP, SMS				
MTBF	500.000h				

3 STANDBY TIME

1 Report/ Day		Up to 10 Years
6 Reports/ Day		Up to 6 Years
5 Minutes Reporting		Up to 3 Months

4 DETAILS


 | 719g (25.36oz)

 | -20°C ~ +60°C

 | 250 × 58 × 61mm
9.84"(L) × 2.28"(W) × 2.40"(H)

 | 57000mAh, Lithium thionyl chloride battery (non-rechargeable)