

MT700L Series 4G

4G LTE Cat 1bis Asset GPS Tracker

- **Years of battery life** — ultra-low 1.45 uA sleep current
- **9 working modes** — real-time to once-a-day reporting
- **No lock-in** — open protocol, your SIM, your own server
- **Pre-configuration service** — ready to power on



7 years

Up to · 3 × AA lithium · 1 report/day

3 years

Up to · rechargeable pack · 1 report/day

IP68

Dust-tight & waterproof · magnet mount



GPS + Wi-Fi + LBS
Positioning



Asset Recovery
Mode



Tamper & Removal
Alerts



USB-C
Local Config



OEM /
White Label

NO LOCK-IN — YOUR SIM, YOUR SERVER, YOUR PLATFORM



Open Protocol

Free TCP/UDP/SMS documentation. No NDA, no registration.



Your SIM

Any carrier's Nano SIM. Your own data plan, your own rates.



Your Server & Platform

Point devices to your own IP or domain. Tested with Traccar, Wialon, Flespi, GPSWOX.

Battery Life by Reporting Profile

Estimated battery life* for typical reporting profiles. Motion-triggered tracking assumes 2 h of movement per day; the tracker sleeps otherwise.

Once daily

Deep sleep, one scheduled report per day

Up to 7 years

3 years

Smart movement, 10-min

Reports every 10 min while moving

1.9 years

■ 3 × AA lithium (3400 mAh)

■ Rechargeable 7800 mAh



CONTAINER TRACKING



TRAILER & FLEET



EQUIPMENT & RENTAL

* Based on 2 h of movement per day, default settings, 25 °C, good GPS/network signal. Measured average current: 1.45 uA sleep · 5.6 mA moving. Estimates assume a full GNSS position fix and data upload at every reported interval — not heartbeat-only messages. AA models (MT700L-N): 3 × AA 1.5 V Li-FeS₂, 3400 mAh total, not included.

Technical Specifications

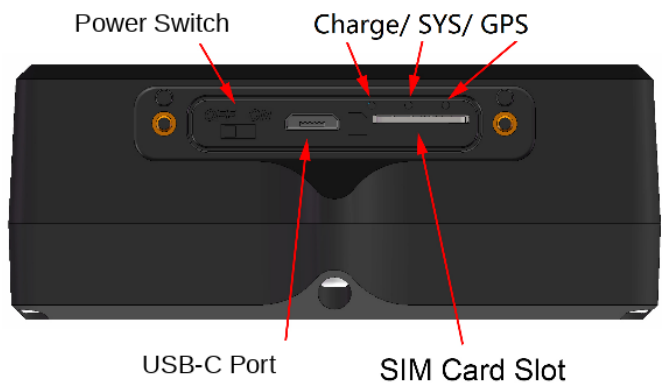
MT700L-EU/-LA (rechargeable) · MT700L-N-EU/-N-LA (3 × AA, non-rechargeable)

GENERAL	
Dimensions	88 × 62 × 34 mm (3.46 × 2.44 × 1.34 in)
Weight	290 g (10 oz)
Ingress protection	IP68 dust-tight and waterproof
Operating temperature	−20 °C to +60 °C (−4 °F to 140 °F)
Sensors	3-axis accelerometer + light sensor (motion, vibration, tamper)

CELLULAR	
Technology	4G LTE Cat 1bis only (no 2G/3G fallback)
EU bands	B1 / B3 / B5 / B7 / B8 / B20 / B28
LA bands	B2 / B3 / B4 / B5 / B7 / B8 / B28 / B66
SIM	Internal Nano SIM (4FF)

LOCATION	
Positioning	GPS + Wi-Fi + LBS
GNSS	GPS + GLONASS + BeiDou + Galileo
GPS accuracy	5–10 m (open sky)**

Interfaces (waterproof cover open)



** Positioning accuracy reflects ideal open-sky conditions. Specifications are subject to change without notice. Contact info@mictrack.com for samples and protocol documentation.

POWER	
Battery (rechargeable)	3.7 V 7800 mAh Li-polymer, built in — MT700L-EU/-LA
Battery (AA models)	3 × AA 1.5 V Li-FeS ₂ (3400 mAh total), user-replaceable, not included — MT700L-N-EU/-N-LA
Charging	USB-C, 5 V / 2 A (rechargeable models only)
Sleep current	1.45 uA

AIR INTERFACE & SMARTS	
Transmit protocol	TCP, UDP, SMS — open protocol, documentation freely available
OTA commands	Remote configuration and parameter updates
Local configuration	USB-C web tool (config.mictrack.com)
Recovery mode	LOCK — temporary real-time tracking, auto-return to previous mode
Data buffering	Stores positions when out of coverage; uploads on reconnection
Alerts	Low battery, removal/tamper, motion

ORDERING INFORMATION	
MT700L-EU MT700L-LA	Rechargeable — tracker, USB-C Charging cable
MT700L-N-EU MT700L-N-LA	3 × AA — tracker (batteries excluded)
Pre-configuration	We pre-load your APN and server settings, or install your SIM cards before shipping — ready to power on
Optional accessories	USB config cable, mounting bracket
OEM / white label	Custom branding, firmware, and packaging
Certifications	CE, FCC, RoHS — in progress, Q4 2026