



Slim long-standby asset tracker

AT 98 TRACKMINI PLUS



PRODUCT DESCRIPTION

The AT 98 TrackMini Plus is a smart and thin long-standby asset tracker for locating and monitoring non-powered assets. It combines LTE Cat M1 / NB-IoT communication with GNSS positioning (GPS, BDS and GLONASS) and LBS-assisted localisation.

A built-in 5000 mAh removable, non-rechargeable lithium-manganese battery supports up to 3 years of standby operation when the device powers on once per day. Flexible reporting intervals and multiple operating modes enable both energy-efficient periodic tracking and real-time emergency tracking.

Integrated motion and light sensors support movement-based wake-up and anti-removal detection. The device also supports geo-fence alarms, vibration/fall/crash alarms in emergency mode, remote shutdown, battery level reporting, firmware OTA and a Type-C interface for firmware upgrades and debug configuration.

APPLICATIONS

- Long-standby asset tracking
- Equipment and valuable goods tracking
- Shipment and logistics tracking

FEATURES

- LTE Cat M1 / NB-IoT connectivity
- GNSS: GPS / BDS / GLONASS
- LBS-assisted localisation
- Up to 3 years standby (1 power-on/day)
- 5000 mAh removable non-rechargeable battery
- Motion and anti-removal light sensor
- Emergency real-time tracking
- Geo-fence, vibration, fall and crash alarms
- Flexible upload intervals
- Firmware OTA and Type-C service interface

TECHNICAL DATA

LOCALISATION

Satellite Positioning	GPS / BDS / GLONASS
Assisted Positioning	LBS
Satellite Accuracy	5-15 m
LBS Accuracy	>100 m
Hot / Warm / Cold Start	5 s / 10 s / 32 s

COMMUNICATION

Cellular Technology	LTE Cat M1 / NB-IoT
LTE	B1/B2/B3/B4/B5/B8/B12/B13/B14/ B17/B18/B19/B20/B25/B26/B28/B66
SIM	Nano SIM
Protocol	EELINK Protocol 2.0
Firmware	OTA supported

FEATURES & SENSORS

Motion Sensor	Movement detection and wake-up
Light Sensor	Anti-removal detection and alarm
Wake-Up	Motion sensor / light sensor / SMS / timer
Upload Interval	Flexible, e.g. 8 / 12 / 24 h
Alarms	Geo-fence; vibration, fall and crash in emergency mode
Remote Control	Remote shutdown supported
Battery Status	Battery percentage supported
Service Interface	Type-C for firmware upgrade and debug configuration

POWER

Voltage	3.0 VDC
Standby Current	10 µA
Battery Lifetime	Up to 3 years, 1 power-on/day
Battery	5000 mAh lithium-manganese, non-rechargeable, removable
Power Saving	eDRX / PSM

PHYSICAL SPECIFICATIONS

Dimensions	100 x 53 x 12.2 mm
Weight	80 g
Operating Temperature	-20 °C to +65 °C
Operating Humidity	20% to 90% RH
Antenna	Built-in LTE antenna / ceramic GPS antenna
LED	Red: LTE/GSM; Blue: GPS

WORKING MODES

Long Standby	Scheduled wake-up and location upload; SMS wake-up supported
Emergency	Real-time tracking; returns to long-standby mode afterwards
Activity	Wakes on movement; real-time upload; sleeps after approx. 4 min static
Trip	Wakes on movement and uploads location; final location update after approx. 4 min of inactivity.

ORDER CODES

VERSIONEN

TrackMini Plus

ORDER CODES

IOT-TR-CE-AT-4302
