



LTE Cat 1 Asset GNSS Tracker

UNIVERSAL TRACKER

PRODUCT DESCRIPTION

The Universal Tracker is a 4G Cat I Asset GNSS Tracker that allows for ultra-long standby time via 10,000mAh large-capacity battery and durable housing. Featuring the multiple positioning systems and indoor & outdoor signal coverage, the device also supports instant alerts of atypical events like device removal, vibration, etc. We also offer the users remote monitoring of the target through our cloud platform, which is suitable for such application scenarios as load carrier management, fleet management, logistics transportation, etc.



APPLICATIONS

- Load Carrier Management
- Fleet Management
- Logistics

FEATURES

- GPS & BDS & LBS Positioning
- 10,000mAh Rechargeable Battery
- Strong Magnetic Base
- LTE & GSM Network
- Remote Listen-in (VoLTE)
- Multiple Working Modes
- Bluetooth Configuration



TECHNICAL DATA

GNSS

Positioning System	GPS + BDS + LBS
Positioning Accuracy	<2.5m CEP
Tracking Sensitivity	-165 dBm
Acquisition Sensitivity	-148 dBm
TIFF (open sky)	Avg. hot start <1sec Avg. cold start <32sec

CELLULAR

Communication Network	LTE / GSM
Frequency	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28/B66 GSM: 850/ 900/ 1800/ 1900MHz

POWER

Battery	10.000mAh/3. 7V industrial-grade Li-Polymer battery
Working Modes	Mode 1: Regular GPS Mode Mode 2: Tracking Mode Mode 3: Power-Saving Mode
Standby Time	Up to 2 years in power-saving mode

INTERFACE

LED Indication	1 Status Indicator (Red), 4 Battery Indicator (Blue)
SIM	Nano-SIM
Tamper Proof	Pressure-Sensitive Button

PHYSICAL SPECIFICATIONS

Dimensions	108.5 x 61.1 x 30.0mm
Weight	260g

OPERATING ENVIRONMENT

Operating Temperature	-20°C up to +70°C
Operating Humidity	5% up to 95%, non-condensing
IP Rating	IP65

FEATURE

Sensors	3-Axis Accelerometer
Scenarios	Low battery Alert, Tamper Alert, Vibrating Alert, Cover Removal Alert, Power Off Alert
Bluetooth	BLE 5.0

ORDER CODES

VERSIONEN

Universal Tracker	IOT-TR-CE-AT-4101
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