

# SMARTBOX 2 lite

REAL-TIME GPS TRACKING WITH HIGH CAPACITY BATTERY FOR LONG LIFE

GPRS terminal adds an altitude and a GPS position and sends all the information to the IoT server in a real time via mobile data. Servers process the data, allowing to view it in the graphs, maps or the generated alerts.

## SPECIFICATION

**Dimensions:** 95 × 144 × 33 mm (+2 mm magnet)

**Weight:** 436 g

**Battery Life:** Up to 2 years standby

**Operating Temperature:** -20 °C to +55 °C

- Easy charging via a docking station
- Water resistant
- Magnets for a strong attachment
- Slots for a strap attachment
- Real-time GNSS tracking
- GSM Cell tower positioning
- Permanent route control



## GNSS SYSTEM

U-blox M8 concurrent GNSS module GPS, GLONASS, Galileo, Beidou, 72 Channels engine

Cold Start: 26 s

Hot Start: 1 s

Aided Cold Start: 5 s

A-GNSS: AssistNow Online, AssistNow Offline, D-GPS, Battery backed RAM

External GPS RMA connector (optional)

GPS & GLONASS sensitivity	
Tracking navigation sensitivity:	-167 dBm
Reacquisition:	-160 dBm
ColdStart:	-148 dBm
HotStart:	-157 dBm

# BATTERY & POWER

LiThium – Ion 12 Ah

Cell type: 4 x Sanyo 18650 Li-Ion

Charging voltage: 5 V / 2 A

## Operational Temperatures:

Charging: 0 °C to +45 °C

Discharging only: -20 °C to +55 °C

# GSM-SIM7600G

## General Features

LTE-FDD/LTE-TDD/UMTS/HSDPA/HSUPA/HSPA+/GSM/GPRS/EDGE

TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS /HTTP/HTTPS/DNS

SSL3.0/TLS1.0/TLS1.2

## Other Features

(U)SIM card (1.8 V /3.0 V)

Frequency	
LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/ B20/B25/B26/B28/B66
LTE-TDD	B34/B38/B39/B40/B41
UMTS/HSDPA/HSPA+	B1/B2/B4/B5/B6/B8/B19
GSM/GPRS/EDGE	850/900/1800/1900MHz

