

SMARTBOX MINI

PRACTICAL SMALL LTE GPS TRACKER WITH CONFIGURABLE SOS BUTTON,
TEMPERATURE AND LIGHT SENSOR

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. The tracker battery ensures operation for up to three months in Smart Save Mode.

SPECIFICATION

Dimensions: 86 × 50 × 30 mm

Weight: 210 g

Battery Life: Up to 3 months (in Smart Save Mode)

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

- Permanent route control
- Real-time GNSS tracking
- Configurable SOS button
- Temperature monitoring
- Light level monitoring
- Easy charging via USB-C port
- Permanent route control
- SecuFlight2 mode with safe operation onboard the aircraft
- Vibration for feedback



ENVIRONMENT MONITORING



Internal temperature

-20 °C to +60 °C

Resolution: 1 °C



Light levels

1 lx to 50000 lx

256 levels

Spectral range 430 to 610 nm

GNSS SYSTEM

U-blox M105 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)

BATTERY & POWER

LiThium – Ion 2600 mAh

Charging voltage: 5 V / 2 A, USB-C

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

