EG81 Specification

EG81 is a 4G Cat.1 Personal Tracker with wearable & vehicle modes and concealed magnetic mounting. It supports multi-source positioning and various alerts including SOS, collision and speeding. Multi-method configuration, multi-level power saving, compact and lightweight for wide applications.

This device supports:

1. 4G Cat.1
2. GNSS:GPS/GALILEO/BeiDou/GLONASS/LBS
3. Multiple Mounting Modes
4. 1000mAh Battery
5. Configurator and FOTA WEB



Communication Specifications

Technology	**4G Cat. 1**
Data support	**SMS (TXT/ PDU)**
4G band	**B1/ B2/ B3/ B4(B66)/B5/ B7/ B8/ B12/B13/B17/B18/B19/B20/B25/B26/ B28/ /B34/B38/B39/B40/ B41**

GNSS Technical

Technology	**GNSS: GPS/ GALILEO/ BeiDou/ GLONASS/LBS**
Tracking sensitivity	**-165dB**
Capture Sensitivity	**-159dB**
Position accuracy	**<10m CEP**
Hot start	**<1s**
Cold start	**<24s**

Power Consumption

Operating Power	**DC 3.2-4.4V**
Charging input	**Type-C: DC 5V**
Battery capacity	**3.85V 1000mAh Lithium batteries**
Power Consumption	**1mA @4.0V (Standby Mode)** **7.4mA @4.0V (Working Mode)**
Battery Life	**Standby: 28 days** **Working：7days**
Battery Cycle	**300 cycles**

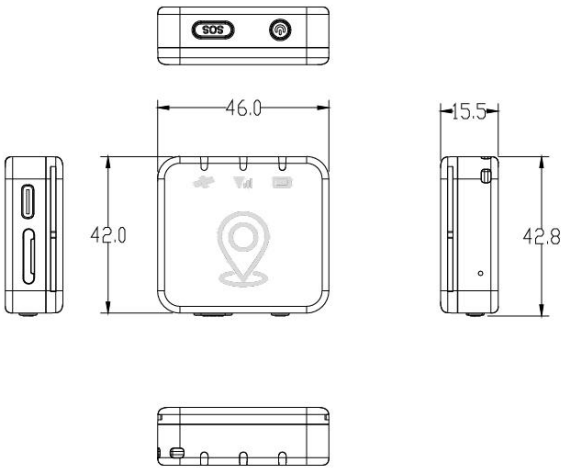
Features

Working modes	**Wearable Mode**
Alarm function	**Low voltage Alert** **SOS Alert**
Data storage	**Expandable up to 650 entries**
Configuration support	**Configurator, FOTA WEB, SMS, Monitoring Platform**

Physical & Interface Specifications

Working Temperature	**-25°C to 75°C**
Storage Temperature	**-40°C to 85°C**
LED	**Green: Location** **Green: Communication** **Red/Green: Battery Level & Charging**
Interface	**Micro-SIM, Type C,MIC**
Color	**White**
Product Dimensions	**L 46* W 42* H 15.5 mm**
Weight	**40g**

Appearance



Regulatory Compliance

Certification	• **CE**
Product Name	• **EG81**