

EG03G Specification

EG03G is a wireless positioning device with integrated recording functionality, suitable for vehicle tracking and personnel positioning. It features Type-C charging, and is characterized by its compact size, concealed installation, ultra-low power consumption, and extended standby time.

This product supports:

1. 4G Cat.1
2. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
3. Small size and easy to install
4. 1500mAh Battery
5. Configurator and FOTA WEB



 Low power:
as low as 76uA

Communication Specifications

Technology	4G Cat. 1
Data support	SMS (TXT/ PDU)
4G band	- STD Band: B1/ B2/ B3/ B5/ B7/ B8/ B20/ B28/ B66(B4)/ B38/ B41 (Optional) - NA Band: B2/ B5/ B12/ B17/ B13/ B66(B4)/ B38/ B41 (Optional)

GNSS Technical

Technology	GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
Tracking sensitivity	-165dB
Capture Sensitivity	-159dB
Position accuracy	<2.0m CEP
Hot start	<1s
Cold start	<24s

Power Consumption

Operating Power	DC 3.2-4.2V
Battery capacity	3.7V 1500mAh Lithium batteries
Power Consumption	@3.7V 76uA (Offline Deep Sleep Mode) @3.7V 1.2mA (Online Sleep Mode) @3.7V 25mA (Tracking Mode)
Charging input	Type-C: DC 5V
Battery Life	Excluding Self-Discharge - Deep Power Saving: ~300days @ 2 data/day - Online Sleep Mode: ~15 days @ 2h /day - Tracking Mode: ~2 days

Features

Working modes	- Tracking Mode - Smart Power Saving Mode - Deep Power Saving Mode
Alarm function	- Light Sensor Alert - Low Voltage Alert - SOS Alert - Speeding Alert - Harsh Braking Alert - Harsh Acceleration Alert - Harsh Turning Alert - Collision Warning
Data storage	Expandable up to 500 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	- Red: Communication - Blue: Charging - Yellow: Location
Interface	Nano SIM, Type-C, Microphone
Color	Black
Product Dimensions	L 55.4* W 36.6* H 20 mm
Weight	70g

Regulatory Compliance

Certification	CE,FCC,UKCA
Product Name	EG03G

Appearance

