



2G Fallback

## An economic, compact vehicle tracker with essential I/O capability and ease to install for real-time tracking

CAREU EZ2 is a cost-effective tracking device with a compact size and essential I/O capability for easy installation and accurate tracking. RS232 serial port for rich accessories supporting, which allows connecting fuel sensors for accurate fuel level sensor monitoring. 1-wire interface for temperature sensor detecting and controlling. It also can improve fleet safety and driver safety on the road with the fleet management report analysis and preventative action.

### Advantages

- GSM jamming detection
- Tracking unit position accuracy 5-10M open sky
- Device Memory (16M Bytes)
- Power surge protection
- 2G/4G Network
- Assisted-GPS (Ephemeris)
- Multi Satellite System (GNSS)
- Automatic Self-Diagnostic Record
- Internal GPS Antenna
- Cold start ≤ 35sec./ Hot start ≤ 1 sec

### Features

- Cost effective and easy installation
- Remote configuration
- Data communications by LTE / GPRS / EDGE, SMS, FTP, USSD
- Support GPS / Glonass Satellite System
- Built-in 3-axis accelerometer
- Support harsh acceleration / harsh braking / Impact detection
- RS232 interface for rich accessories support, Fuel level sensor, RFID reader, Barcode, and so on.
- Support Garmin FMI 2.0 operation
- Geofence report in circular and polygonal types
- Configurable real-time tracking
- Intelligent power management
- GPS Odometer data reading and rich user-defined reports
- FOTA firmware via FTP
- Power low / lost alarm
- Maximum 200,000 data logs
- Main power cut alert
- GNSS Signal Detection Failure Alert
- Car Engine (On/Off) Alert
- Car Switch ACC (On/Off) Alert
- Towing Alert
- Tampering Alert
- High Sensitivity for GPS & GSM and support AGPS, LBS
- LED Indicators for GSM, GPS
- Reverse – Polarity Protection



# CAREU EZ2 LTE Technical Specifications

## ▶ Communication Specification

Frequency	2G / GSM: 900 / 1800 MHz
	4G LTE-FDD(Cat 1) B1, B3, B7, B8, B20, B28
Data Protocol	TCP, UDP, SMS, USSD

## ▶ General Specification

Dimensions (L x W x H)	92mm x 55mm x 25mm
Weight	Internal GPS Antenna: 70g / External GPS Antenna: 60g
Power Source	6-36V DC
GNSS	Cold start ≤ 35sec./Hot start ≤ 1 sec
Power Consumption	T.B.D@12V DC (Operating Mode)
	T.B.D@12V DC (Standby Mode)
	T.B.D@12V DC (Sleep Mode)
Operating Temperature	-20°C~+70°C (-4°F~158°F)
Tracking sensitivity	-165dbm

## ▶ Interface

Serial Ports	1 x RS-232 Port (Configurable baud rate)
Input Ports	1 x ACC/Ignition Input
	3 x Digital Inputs (1 x Positive trigger & 2 x Negative triggers)
	1 x Analog Input (12-bit resolution)
	1 x 1-Wire® Input
Output Ports	2 x Outputs (Max. sink current 300mA)
SMA Connector	External GPS Antenna (Internal GPS Antenna SKU does not have SMA connector)

The specification may be subjected to change without prior notice.

## ▶ Optional

1-Wire Interface	Support 1-Wire® interface temperature function and i-Button driver ID
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## ▶ Accessories

Standard	Power & I/O cable
	Backup battery : Li-ion, 160mAh
Option	RS232 Cable
	Personal ID Identification Kit
	USB cable
	i-button
	Temperature sensor
	Backup battery : Li-ion, 900mAh

## ▶ Applications

Vehicle real-time tracking
Vehicle security/rescue/anti-hijack
Fleet management
Certifications: CE,IEC

