

# CAREU U1 Lite+

Premium GPS Tracker



## Features

- > Cost effective and easy installation
- > Two-ways voice communication\*
- > Data communications by UMTS/HSPA/GPRS/EDGE, SMS, FTP, USSD
- > Support GPS/ Glonass\* / BDS\* / Galileo\* Satellite System
- > Built-in 3-axis or 6-axis\* accelerometer
- > Support harsh acceleration/ harsh braking/Impact detection/ harsh cornering\* / Flip over detection\*
- > Support 1-Wire® interface temperature function and i-Button driver ID
- > RS232 interface for rich accessories supporting, Fuel level sensor, RFID reader, Barcode, and so on.
- > Support Garmin FMI 2.0 operation
- > Geofence report in circular and polygonal types
- > Remote configuration
- > Configurable real-time tracking
- > Intelligent power management
- > GPS Odometer data reading and rich user-defined reports
- > FOTA firmware via FTP
- > Power low/lost alarm
- > GSM jamming detection
- > GPS antenna tamper detect alarm
- > Maximum 150,000 data logs

(\* ) Optional

## Advantages

- 2G or 3G Network
- eCall System (112)
- 1-Wire® Interface
- Assisted-GPS (Ephemeris)
- Multi Satellite System (GNSS)
- Harsh Driving Behavior Detection
- Automatic Self-Diagnostic Record



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### Specifications

- › Communication Specification
  - Frequency
    - 2G/GSM : Quad band, 850/900/1800/1900 MHz
    - 3G/ UMTS/HSPA : 850/900/1900/2100 MHz
  - Data Protocol : TCP, UDP, SMS, Voice, USSD
- › GNSS Performance
  - Datum : WGS-84
  - Receiver type : 72 channels
  - Sensitivity : -167 dBm; 26s
- › General Specification
  - Dimensions (L x W x H) : 72mm x 105.5mm x 28.5mm
  - Weight : 80g
  - Power Source : 8-30V DC
  - Power Consumption :
    - 49mA@12V DC (Operating Mode)
    - 10mA@12V DC (Standby Mode)
    - 6mA@12V DC (Sleep Mode)
- › Operating Temperature : -20°C~+70°C (-4°F~158°F)
- › 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)
  - Two-way voice port\*

(\* ) Optional

### Accessories

#### Standard

- › Power & I/O cable
- › GPS antenna
- › RS232 Cable

#### Option

- › Backup battery : Li-ion, 160mAh (or 900mAh)
- › Mobile data terminal
- › Personal ID Identification Kit
- › USB cable
- › Audio kit
- › i-button
- › Temperature sensor
- › TPMS solution

### Applications

- › Vehicle real-time tracking
- › Vehicle security/rescue/anti-hijack
- › Mobile asset tracking
- › Fleet management
- › Location based service

The specification may be subjected to change without prior notice.

PTCRB CE FC

