

CAREU U1 Lite+

Premium GPS Tracker



Features

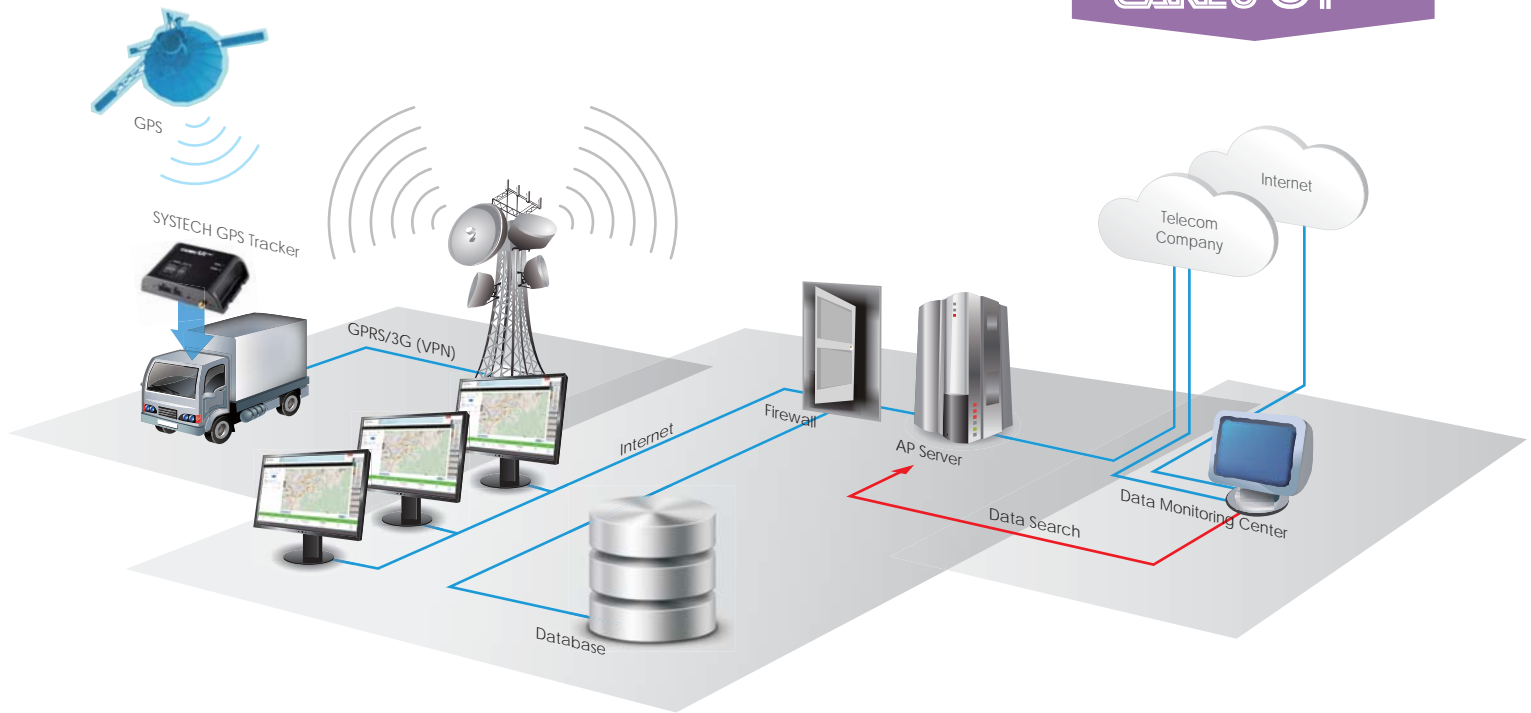
- > Cost effective and easy installation
- > Two-ways voice communication *
- > Data communications by UMTS/HSPA/GPRS/EDGE, SMS, FTP, USSD
- > Support GPS/ Glonass * / BDS * / Galileo * Satellite System
- > Built-in 3-axis or 6-axis * accelerometer
- > Support harsh acceleration/ harsh braking/Impact 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



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   



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