

CAREU U3

Advanced GPS Tracker



Features

- > Two-ways voice communication *
- > Data communications by UMTS/HSPA/GPRS/EDGE, SMS, FTP, USSD
- > Support GPS Satellite System
- > Built-in 3-axis accelerometer
- > 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 flexible user-defined reports
- > FOTA firmware via FTP
- > Power low/lost alarm
- > GSM jamming detection
- > GPS antenna tamper detect alarm
- > Maximum 100,000 data logs

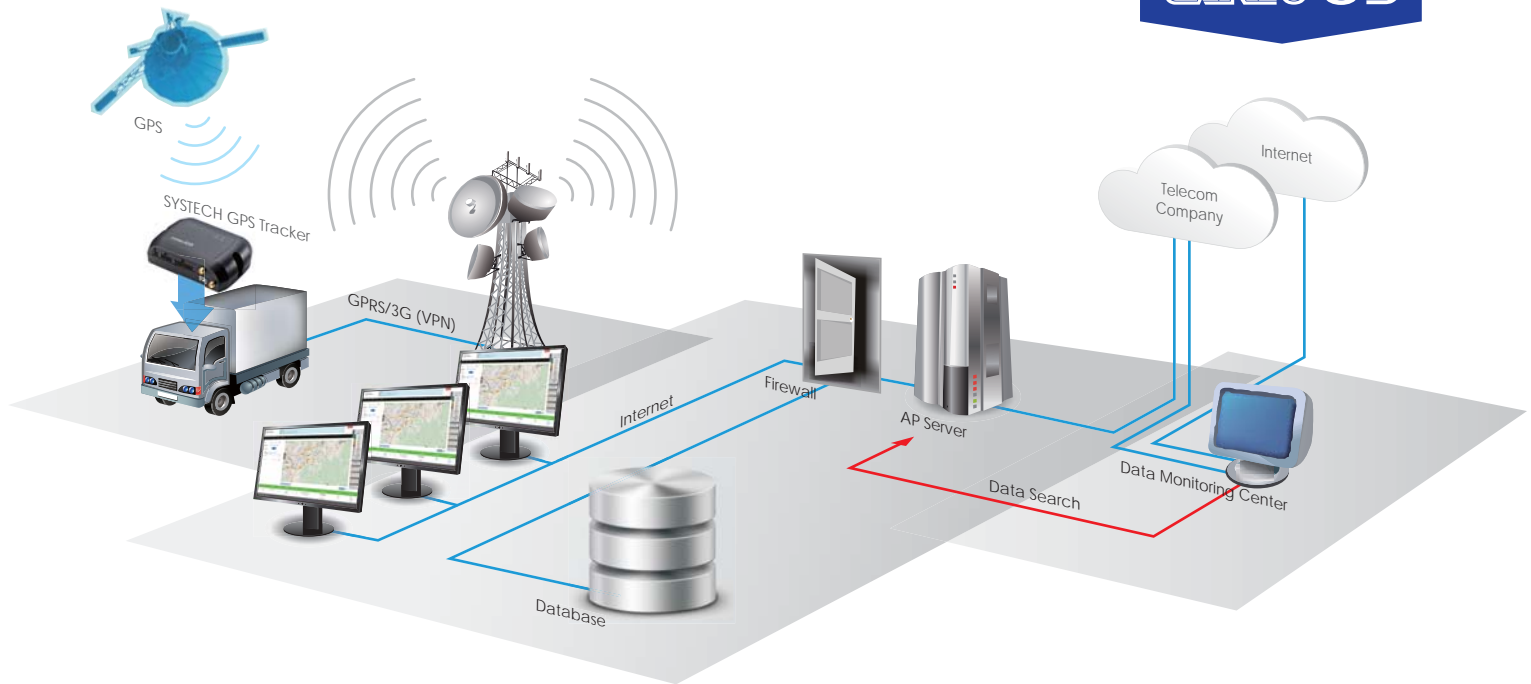
(*) Optional

Advantages

- 3G Network
- 1-Wire® Interface
- Built-in Interactive Voice Response (IVR)
- Remote configuration
- FOTA firmware via FTP



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Specifications

- › Communication Specification
 - Frequency
 - 2G/GSM : Quad band, 850/900/1800/1900 MHz
 - 3G/ UMTS/HSPA : 800/850/900/1700/1900/2100 MHz
 - Data Protocol : TCP, UDP, SMS, Voice, USSD
- › GNSS Performance
 - Datum : WGS-84
 - Receiver type : 50 channels
 - Sensitivity : -160 dBm; 26s
- › General Specification
 - Dimensions (L x W x H) : 72mm x 108mm x 31mm
 - Weight : 165g
 - Power Source : 8-30V DC
 - Power Consumption :
 - 83mA@12V DC (Operating Mode)
 - 43mA@12V DC (Standby Mode)
 - 13mA@12V DC (Sleep Mode)
- › Operating Temperature : -20°C~+70°C (-4°F~158°F)
- › Interface
 - Serial Ports :
 - 3 x RS-232 Ports or 2 x RS-232 ports(1-Wire® Version)
 - Input Ports :
 - 4 x Digital Inputs - 1 x High Active (ACC)
 - 1 x Positive triggers
 - 2 x Negative triggers
 - 2 x Analog Inputs (12-bit resolution)
 - Output Ports : 3 x Outputs (Max. sink current 300mA)
 - Support up to 4 x 1-Wire® Accessories

Accessories

Standard

- › GPS antenna
- › GSM antenna
- › Power cable
- › I/O cable
- › Serial cable

Option

- › Temperature Sensor
- › RFID Reader
- › Barcode Reader
- › MDT
- › Hands-free Kit (Microphone / Speaker)
- › High Sensitive Microphone
- › RF Dialer and Receiver with Remote Panic Button
- › Remote Panic Button
- › Class I Bluetooth Solution
- › Relay
- › Li-Ion Backup Battery
- › RS-232 Cable
- › USB Cable

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.

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SYSTEMS & TECHNOLOGY CORP.

3F-7, No.79, Sec.1, Hsin-Tai Wu Road, Hsichih Dist., New Taipei City 22101, Taiwan, R.O.C.
 TEL : +886 2 2698 1599 FAX : +886 2 2698 1211 Email : avl@systech.com.tw