

CAREU U w1

Waterproof GPS Tracker



Features

- > Cost effective and easy installation
- > IP67 waterproof for outdoor demanding environments
- > Data communications by UMTS/HSPA/GPRS/EDGE, SMS, FTP, USSD
- > Support GPS/ Glonass*/ BDS*/ Galileo* Satellite System
- > Support CAN Interface*
- > 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
- > 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
- > Maximum 150,000 data logs

(*)Optional

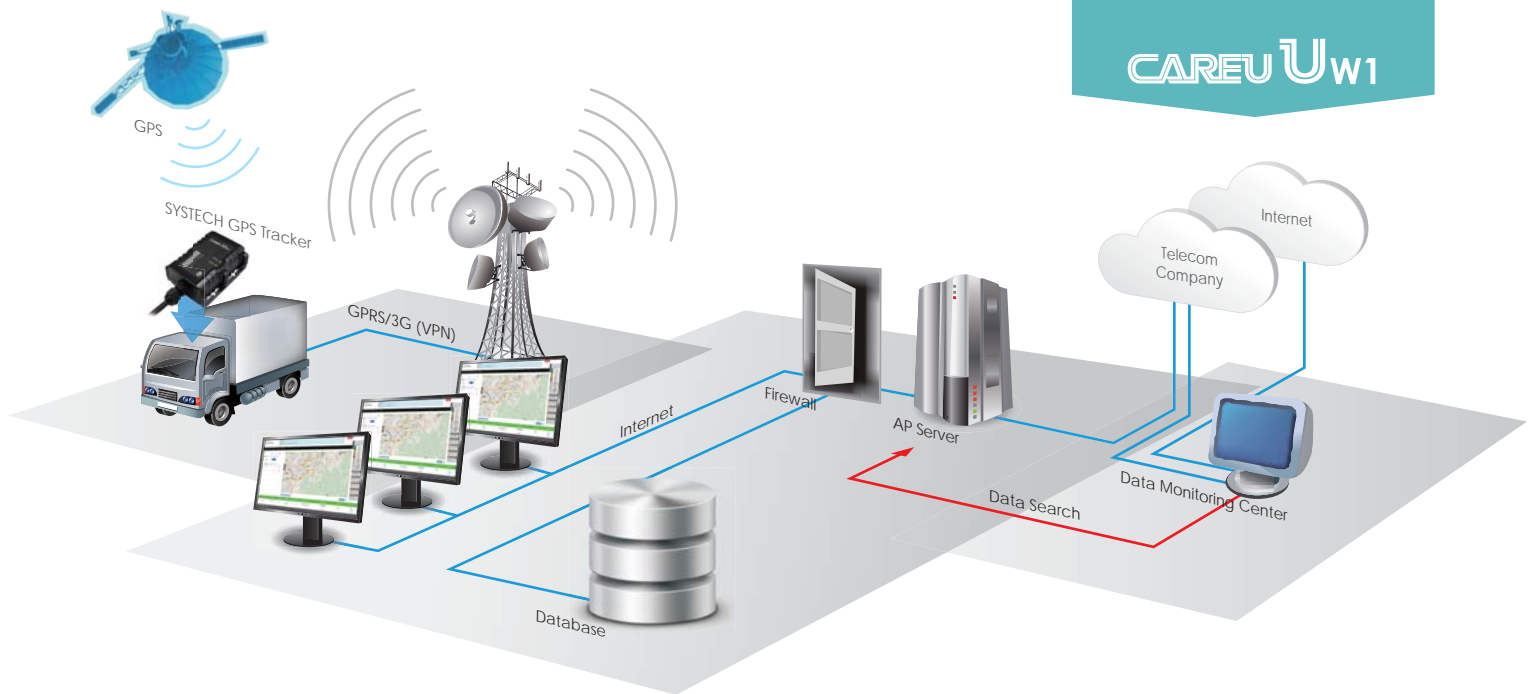


Advantages

- 4G/3G/2G Network
- 1-Wire® Interface
- Assisted-GPS (Ephemeris)
- Multi Satellite System (GNSS)
- Automatic Self-Diagnostic Record
- * Harsh Driving Behavior Detection
- * RS232 Interface
- * CAN BUS Interface



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Specifications

- › Communication Specification
 - Frequency
 - 2G/GSM: Quad band, 850/900/1800/1900 MHz
 - 3G/ UMTS/HSPA: B1,B2,B5,B18,B19
 - 4G CAT1 B1,B2,B3,B4,B5,B7,B8,B12,B13, B19,B20,B28
 - Data Protocol : TCP, UDP, SMS, USSD
- › GNSS Performance
 - Datum : WGS-84
 - Receiver type : 72 channels
 - Sensitivity : -167 dBm; 26s
- › General Specification
 - Dimensions (L x W x H) : 81mm x 64mm x 31mm
 - Weight : 155g
 - Power Source : 6-48V DC
 - Power Consumption :
 - 36mA@12V DC (Operating Mode)
 - 0.3mA@12V DC (Sleep Mode)
- › Operating Temperature : -20°C~+70°C (-4°F~158°F)
- › Interface
 - 1x CAN Interface (Compatible with ISO 11898-2 ; Data Rates up to 1Mbps) *
 - Serial Ports : 1 x RS-232 Port (Configurable baud rate) *
 - 1 x 1-Wire® Port
 - USB Port
 - 1 x Analog Input (12-bit resolution)
 - RS-232 Version :
 - Input Ports : 1 x Digital Input (Positive trigger)
 - Output Ports : 1 x Output (Max. sink current 300mA)
 - Without RS-232 Version :
 - Input Ports : 3 x Digital Inputs (1 x Positive trigger & 2 x Negative triggers)
 - Output Ports : 2 x Outputs (Max. sink current 300mA)

(*)Optional

Accessories

Standard

- › Backup battery : Li-ion, 900mAh

Option

- › USB cable
- › i-button
- › Temperature sensor

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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