

CAREU U w1

Waterproof GPS Tracker

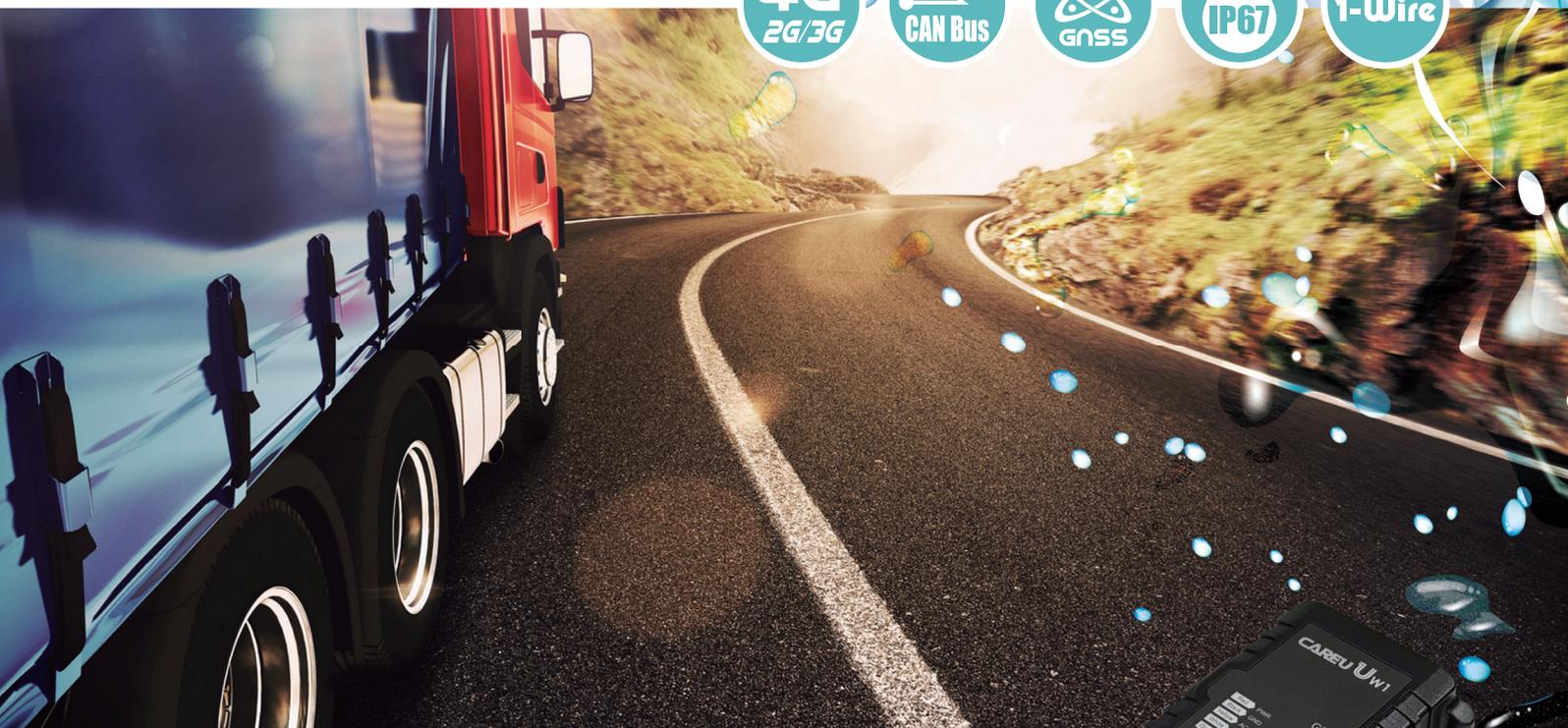
4G
2G/3G

CAN Bus

GNSS

IP67

1-Wire



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

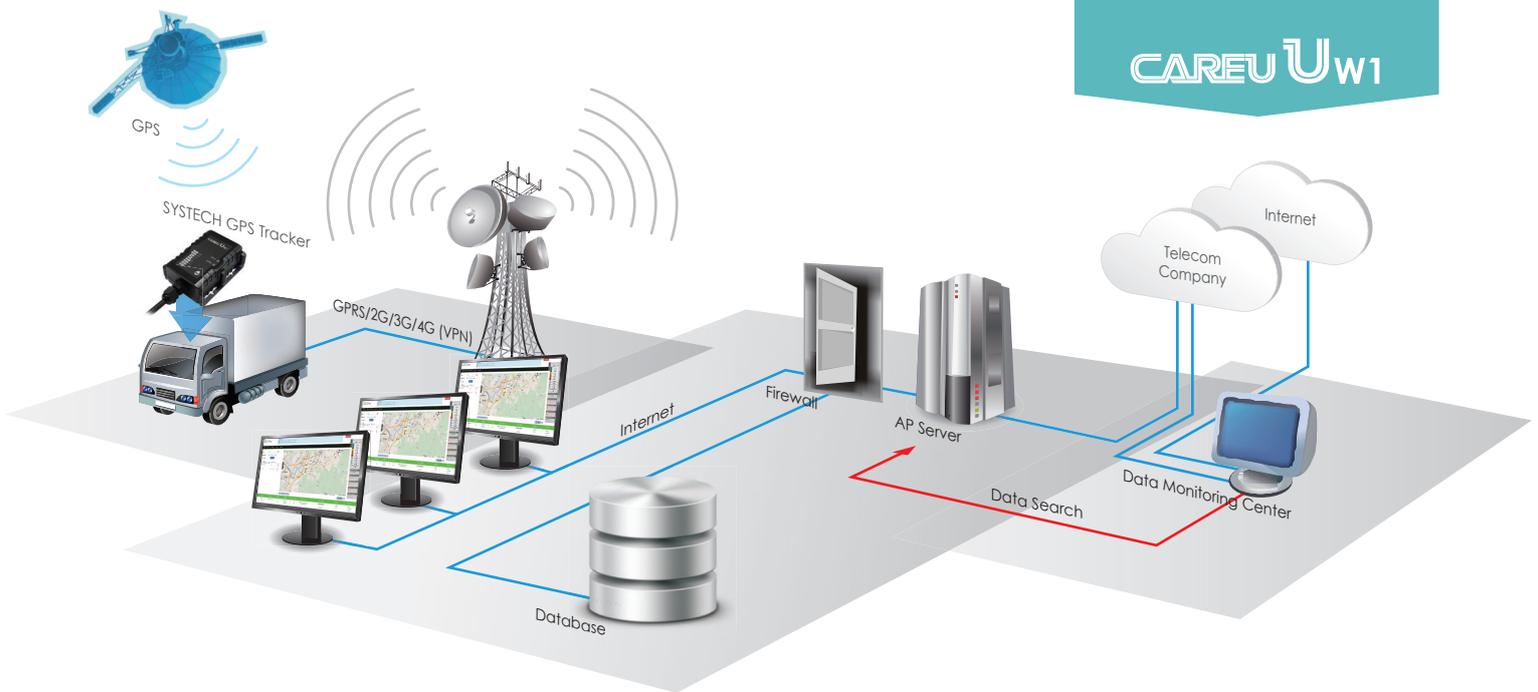
* Harsh Driving Behavior Detection

* RS232 Interface

* CAN BUS Interface



SYSTEMS & TECHNOLOGY CORP.
www.systech.com.tw



Specifications

- > Communication Specification
 - Frequency
 - 2G/GSM: Quad band, 850/900/1800/1900 MHz
 - 3G/ UMTS/HSPA: B1,B2,B5,B18,B19
 - 4G LTE (Cat 1) B1, B2, B3, B4, B5, B7, B8, B12, B13, B19, B20, B28
 - 4G LTE (Cat M1 / NB1) Global Band
 - 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.

PTCRB CE FC



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