

EGAU7S CDMA/UMTS/HSPA Vehicle Telematics

EGAU7S is our advanced vehicle telematics device using CDMA/UMTS/HSPA mobile communication technology, with the flexibility of custom reporting mechanism for advance users. It also gives the option of saving communication costs while keeping the administrator informed of all the relevant vehicle data in real time enabling complete confidence in managing driver safety and efficiency. In addition, the external accessory compatibilities, such as RS-232, CAN Bus interpreter, and 1-Wire®, give more options to meet all your project needs.

Product Features:

- Flexible wireless network options
- AES-128 data encryption
- Data communication by SMS/USSD/TCP/UDP
- Built-in 3-axis G-sensor
- FOTA firmware upgrade supported
- Roaming preference settings
- Configurable power management
- Max. 140,000 log and 23,000 queue messages
- 2 way voice communication & wire-tap
- 1-Wire® Dallas Key for driver identification
- 1-Wire® temperature sensor supported
- Intelligent event control engine

Optional Extras:

- 1-Wire® Temperature sensor probe
- OBD-II/FMS CAN Bus Kit
- RFID Reader & Tag

EGAU7S Series Hardware Specification:

Model Number	EGAU7S
Dimensions (L x W x H)	100 x 65 x 26 mm
Weight	155g
Housing	Aluminium alloy
Operating Temperature	-30°C ~ +80°C 25°C ~ +70°C
Electrical Characteristics	
Power Supply	8V ~ 40V DC (±20%)
Current Consumption	Operating : Max.100mA@12V, Deep Sleep Mode 7mA@12V
Backup Battery	Internal 3.7V 950mAh rechargeable Li-ion battery
Cellular Network Communication	
Technology	UMTS/HSPA
Frequency(MHz)	800/850/900/1700/1900/2100
Carrier Support	WorldWide
GSM/GPRS	Quad-Band 850/900/1800/1900MHz
Cellular Antenna	External
SIM Card	1.8V/3V Micro SIM(3FF)
Accelerometer	
3-Axis	Z,X,Y
Resolution	±16g, Max. 400Hz
I/O Port	
Digital Input	6
Digital Output	4
Analogue Input	2
1-Wire Interface	1
Buzzer Output	1
RS232 Interface	1
Audio Interface	1 (Speaker and Microphone)
Inclusive Additional Components	
Power Cable 16-wires power cable	16-wires power cable
Cellular Antenna	Cellular antenna (Length 3m)
RS232 Cable	RS232 cable (Length 1.2m)
Ibutton	1-Wire iButton ID Verification Tag Reader
Driver ID	Ibutton Tag
Buzzer	5V 95dB 2.9KHz E.Drive Buzzer
Relay	Relay 12V cable (or 24V cable)