














-  Compact Size
-  Easy Installation
-  Crash Detection
-  Firmware Over the Air
-  Geo-fences
-  Support RFID/Fingerprint Reader
-  Driving Behavior Monitoring
-  BLE 4.0
-  Support Fuel Level Sensor
-  Support Temperature Sensor


T8806+R

It has multiple interfaces including two analog input, two digital input, one digital output, one RS232 connector, BLE 4.0 and a two-way audio interface, etc. to support a wide variety of external accessories

 | 55g

 | 81mm × 39mm × 13mm

 | -30°C ~ +80°C

 | Operating Voltage: 7V to 32V DC
With internal Li-Polymer battery



T8806+R Spec

GSM Specifications	
Frequency	Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900 MHz) -Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12
Max Out RF Power	GSM850/GSM900: 33.0±2 dBm DCS/PCS: 30.0±2 dBm
Dynamic Input Range	-15 ~ -108 dBm
Receiver Sensitivity	Class II RBER 2% (-107 dBm)
Stability of Frequency	< 2.5 ppm
GNSS Specifications	
GNSS Chipset	All-In-One GNSS receiver
Parallel GNSS	GPS+Glonass/ GPS+Galileo/ GPS+Beidou
Receiver type:	33 tracking / 99 acquisitions- channel GNSS receiver
Sensitivity	Cold start: -148 dBm Reacquisition: -163 dBm Tracking: -165 dBm
Position Accuracy (CEP)	Autonomous: < 2.5m
TTF (Open Sky)	Cold start: < 28s Warm start: < 26s EPO assist: < 13s Hot start: < 1s
Interfaces	
RS232	1 RS232 Connector
Digital Input	2 digital input
Digital Output	1 digital output for relay control
Analog Input	2 analog input
GSM/GNSS/Bluetooth Antenna	Internal only
Indicator LED	GSM, GNSS and Power
Bluetooth	4.0
General Specifications	
Sleep Current	7mA/12V, 5mA/24V
Work Current	25mA/12V, 15mA/24V
Dimensions	81mm*39mm*13mm
Weight	55g
Backup Battery	Li-Polymer 250 mAh/ 3.7V
Operating Voltage	7V to 32V DC
Operating Temperature	-30°C ~ +80°C (-22°F ~ 176°F)
Storage Temperature	-40°C ~ +85°C (-40°F ~ 185°F)
Air Interface Protocol	
Transmit Protocol	TCP, UDP, SMS
Protocol Check & Encryption Support	MD5/ AES256
BLE/RS232 Accessories Support	Yes
Geo-fence	Support up to 64 internal geo-fence regions
Low Power Alarm	Alarm when backup battery is low
Tow Alarm	From internal 3-axis accelerometer
Driving Behavior Monitoring	Aggressive driving behavior detection, e.g. harsh braking and acceleration
Crash Detection	Accident data collection for reconstruction and analysis
Remote Control	OTA control of outputs
GSM Signal Jamming Detection	Report GSM jammer
Data Roaming Control	Avoid additional data consumption