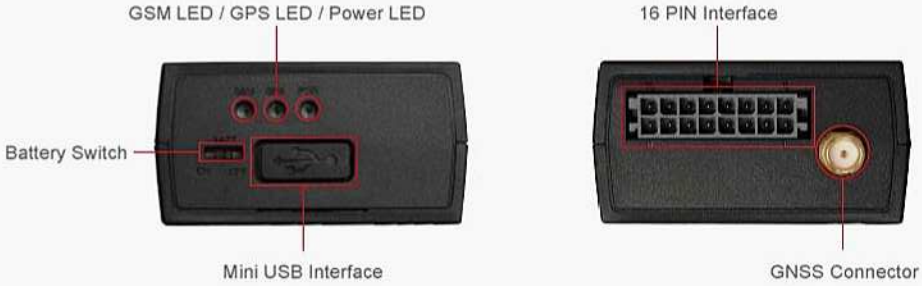
ASHLEY GROUP

ST-LTEP



- Multiple I/O Interfaces
- 1-wire Interface
- 2 RS232 Serial Ports
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Tow Alarm
- Fuel Level Monitoring
- Support Temperature Sensor
- BLE 4.0 (Optional)

Digital Inputs	1 positive trigger input for ignition detection 3 negative trigger inputs for normal use
Digital Outputs	1 digital output, open drain, 150 mA max drive current
Latched Digital Output	1 digital output with internal latch circuit, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configuredas a 0V-32V analogue input or an open drain with 150 mA max drive current
Serial Ports	2 RS323 serial ports on 16 pin Molex type connector, for external drives
1-Wire Interface	Support 1-Wire temperature sensor (maximum 8 channels)
Cellular Antenna	Internal Only
GNSS Antenna	Internal Antenna and optional extra antenna
Bluetooth Antenna (optional)	Internal Only
LED Indicators	CEL, GNSS, PWR
Mini USB Interface	Used for upgrading and debugging

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Contact Us Today
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Office Address
1/21 Harris Road
Malaga 6090

ST-LTEP

Specifications

General Specifications

Dimensions
80mm(L) x 49mm(W) x 26mm(H)
Weight
72g
Backup Battery
Li-Polymer, 250 mAh
Operating Voltage
8V to 32V DC
Operation Temperature
-30°C ~ +70°C (-40°C ~ +70°C for storage)

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 (10 by default)
GPRS mobile station class B

Air Interface Protocol

Transmit Protocol
TCP, UDP, SMS
Scheduled Report
Report position and status based on pre-set time intervals, distance, mileage or a combination of these settings
Geo-fences
Geo-fence alarm and parking alarm support up to 20 internal geo-fence regions
Low Power Alarm
Alarm when backup battery is low
Power on Report
Report when the device is powered on
Tow Alarm
Alarm for tow event in ignition-off state
Antenna Disconnect Alarm
Alarm when external GPS antenna is disconnected
Driving Behaviour Monitoring
Aggressive driving behaviour detection, including harsh braking, acceleration, etc.
Crash Detection
Accident data collection for reconstruction and analysis
Special Alarm
Special alarm based on digital/analogue inputs
Remote Control
OTA control of digital outputs

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