

Amber Covert C413

Advanced 8-Pin GNSS LTE Device



LTE & GSM Network

Communication via 4G LTE networks with 2G GSM fallback.



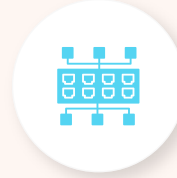
Driving Behavior Analysis (Basic)

Receive alerts when any of 4 kinds of dangerous driving behavior is detected.



Car Battery Protection

Automatically stop drawing power from the car battery when it drops near the threshold.



RS485 Interface

RS485 interface extends more device usage scenarios.



ADC Input

Analogue input is available for monitoring a voltage between 0V and 5V



IP66 Dust & Water Resistance

Rugged design ensures continued optimal performance, even in the toughest conditions.



Panic Button

Contact dispatch or emergency support with a discreet, In-cabin SOS button.

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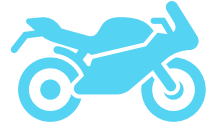
With a compact size and powerful features, the ACC411 is a discreetly-installed, fully-featured tracker with LTE, GNSS interface and an IP66 waterproof rating. LTE communication with GSM (2G) tailback ensures a solid connection in almost all cases, and the wide 9-90V input voltage range is compatible with virtually any vehicle. It is a perfect tracker for a wide range of use cases, including stolen vehicle recovery, motorcycle management, and tracking passenger commercial and light commercial vehicles. All the features of ACC412, plus RS485.



Fleet
Management



Stolen Vehicle
Recovery



Motorcycle
Tracking

Module

| | |
|------------|------------------------|
| Name | ACC 413 |
| Technology | GSM/GPRS/GPS/BLUETOOTH |

GNSS

| | |
|-------------------------|--|
| Positioning system | GPS+BDS+LBS |
| Positioning accuracy | <2.5mCEP |
| Track sensitivity | -165dBm |
| Acquisition sensitivity | -148dBm |
| TTFB (open sky) | Avg. hot start ≤ 1 sec Avg. cold start ≤32sec |

Cellular

| | |
|-----------------------|---|
| Communication network | LTE CAT1 /GSM |
| Frequency | ACC413 - L: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28 GSM: B2/B3/B5/B8 ACC413 - E: LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B34/B38/B39/B40/B41 GSM: B2/B3/B5/B8 |

Power

| | |
|---------------|---|
| Battery | 270mAh/3.7V industrial-grade Li-Polymer battery |
| Input voltage | 9-90VDC |

Interface

| | |
|------------------|---|
| LED indication | GNSS (Blue), Cellular (Green), Power (Red) |
| SIM | Micro-SIM |
| Digital Inputs | ACC |
| Digital Outputs | Relay |
| Configurable I/O | SOS (configurable as an extra digital output) |
| ADC | 0-5V ADC detection |
| Serial Protocol | RS485 |

Physical specification

| | |
|------------|----------------------|
| Dimensions | 92.0 × 40.0 × 20.0mm |
| Weight | 55g |

Operating environment

| | |
|-----------------------|----------------|
| Operating temperature | -20°C to +70°C |
| IP Rating | IP66 |

Feature

| | |
|---------------------------|---|
| Sensors | Accelerometer |
| Scenarios | Vehicle movement alert, Speeding alert, Geo-fence entry/exit, Vehicle battery detection |
| Driving behavior analysis | Harsh acceleration, Harsh braking Harsh cornering Collision |



In App Chat

support@amberconnect.com

Chat via website www.amberconnect.com

Works with Android phones and tablets, iPhone, iPad.
Compatible with Chrome, Mac and PC web browsers.



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