

# Amber Covert C210

## INS-AIDED VEHICLE GNSS TRACKER



### INS-aided GPS Tracking

Ensures constant tracking in the area with poor GPS signal or even without it.



### Mileage Accuracy 98%

Precise mileage calculation based on a unique algorithm, the mileage error can be less than 2%.



### Ignition Detection

Always keeps you informed of the ACC status of your vehicle.



### Remote Cut-off (Fuel/Power)

Immobilize a vehicle by cutting off its power source/fuel supply through an installed relay.



### Driving Behavior Analysis (Advanced)

Acceleration, braking, cornering, sudden lane change, collision, skidding, rollover,



### 6-axis Accelerometer & Gyroscope

Sensitive detection of linear acceleration and angular velocity.



### Panic Button

A button close to driver allowing him to ask for immediate help with just a single press



### IP65 Dust & Water Resistance

Rugged and reliable design ensures stable operation in tough conditions.

## INS-aided Vehicle GNSS Tracker

The Amber Covert 210 is an advanced vehicle tracking device with great analytical capacity. With a 3-axis accelerometer and 3-axis gyroscope it can detect 8 types of improper driving behaviors. Automatic computing based on an algorithm ensures the vehicle location even in non-GPS area. Its flexible and improved alert system increase safety and security while effectively reducing false alerts ratio.

## Module

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Name	AMBER CONVERT C210
Technology	GSM/GPRS/GPS/BLUETOOTH

## GNSS

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Position system	GPS, GLONASS, GALILEO
Frequency	L1
Position accuracy	< 2.5m CEP
Track sensitivity	-165dBm
Acquisition sensitivity	< 148dBm
TTFF (open sky)	Avg. hot start < 1sec Avg. cold start < 32sec

## Cellular

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Communication network	GSM
Frequency	Quad-band 850 / 900 / 1800 / 1900 MHz

## Power

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Battery	450mAh/3.7V industrial-grade Li-Polymer battery
Input voltage	9-36VDC

## Interface

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LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Micro-sim
Data storage	32+32Mb
Digital inputs	ACC. SOS
Digital outputs	Relay

## Physical specification

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Dimensions	80.0 × 67.0 × 16.0 mm
Weight	63g

## Operating environment

Operating temperature	-20°C to +70°C
Operating humidity	5%~95% non-condensing
IP rating	IP65

## Features

Sleep modes	≤ 5 meters
Sensors	Accelerometer and gyroscope
Scenarios	Vibration alert, Vehicle movements alert, Over-speed alert, Geo-fence, SOS call, Power supply disconnection
Scenarios	Harsh acceleration, Harsh braking, Harsh cornering, Sudden lane change, Collision, Skidding, Rollover, Roll & Path

## Certification & Approvals

Regulatory	CE/RED, SAR
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Need help? Contact 24/7 live support!

 In App Chat

 [support@amberconnect.com](mailto:support@amberconnect.com)

 Chat via website [www.amberconnect.com](http://www.amberconnect.com)

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



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