

Amber Insight C450

LTE OBDII GNSS Tracker



LTE & GSM Network

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



GPS & BDS Positioning

Two complementary positioning systems ensure the locations to be accurately displayed on cloud platform.



Multiple Alerts

Instant alerts for atypical events such as car fault, overspeed, device pull-out, engine idling, low battery, gee-fence entry/exit, etc.



INS-aided GPS Tracking (Optional)

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



On Board Diagnostics

Obtains real data of vehicle (fault code, ACC status fuel consumption statistics battery voltage, engine speed, etc.)



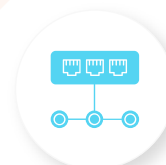
Driving Behavior Analysis

Get instant alerts for 4 or 8 kinds of dangerous driving behavior depending on your needs.



BLE4.2 Supported

Through bluetooth connection you can configure parameters, upgrade software, and debug.



Effortless Installation

Simply plug this device into OBD II socket, you don't have to turn to professionals.

LTE OBDII GNSS Tracker

The AIC 450 is a new generation of 4G Cat I OBD II tracker for corporate cars usage-based insurance, fleet management, and individual cars which can obtain vehicle data such as VIN code, engine speed, water temperature, accumulated mileage, etc. With the UBI-based algorithm for driving behavior analysis, the AIC 450 can accurately analyze any of 4 kinds of dangerous driving behavior and support the all-round monitoring of vehicles' real-time status



Fleet Management



Usage-Based Insurance



Auto Dealers

Module

Name	AIC450
Technology	GSM/GNSS/GPRS/GPS/BLUETOOTH

GNSS

Positioning system	GPS/BDS
Frequency	L1
Positioning accuracy	<2.5mCEP
Track sensitivity	-162dBm
Acquisition sensitivity	-148dBm(cold) / -156 dBm (hot)
TTFF (open sky)	Avg. hot start < 1 sec Avg, cold start < 32sec

Cellular

Communication network	LTE + GSM
Frequency	AIC 450 (L): LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66 GSM: B2/B3/B5/B8 AIC 450 (E): LTE-FDD: B1/B3/B5/B7/B8/B20/B28 GSM: B2/B3/B5/B8

Power

Battery	50mAh/3,7V
Input voltage	9-36VDC

Interface

LED indication	1 status indicator (Blue)
SIM	Nano-SIM
Data storage	8+16MB

OBD port

Connection	OBDII	
Data	K-Line, CAN Bus	
OBD protocols	ISO 9141-2 (5 baud init. 10.4 kbaud) ISO 14230-4 KWP (fast init. 10.4 kbaud) ISO 15765-4 CAN (11 bit ID, 500 kbaud) ISO 15765-4 CAN (29 bit ID, 500 kbaud)	ISO 14230-4 KWP (5 baud init. 10.4 kbaud) ISO 15765-4 CAN (11 bit ID, 250 kbaud) ISO 15765-4 CAN (29 bit ID, 250 kbaud)

Physical specification

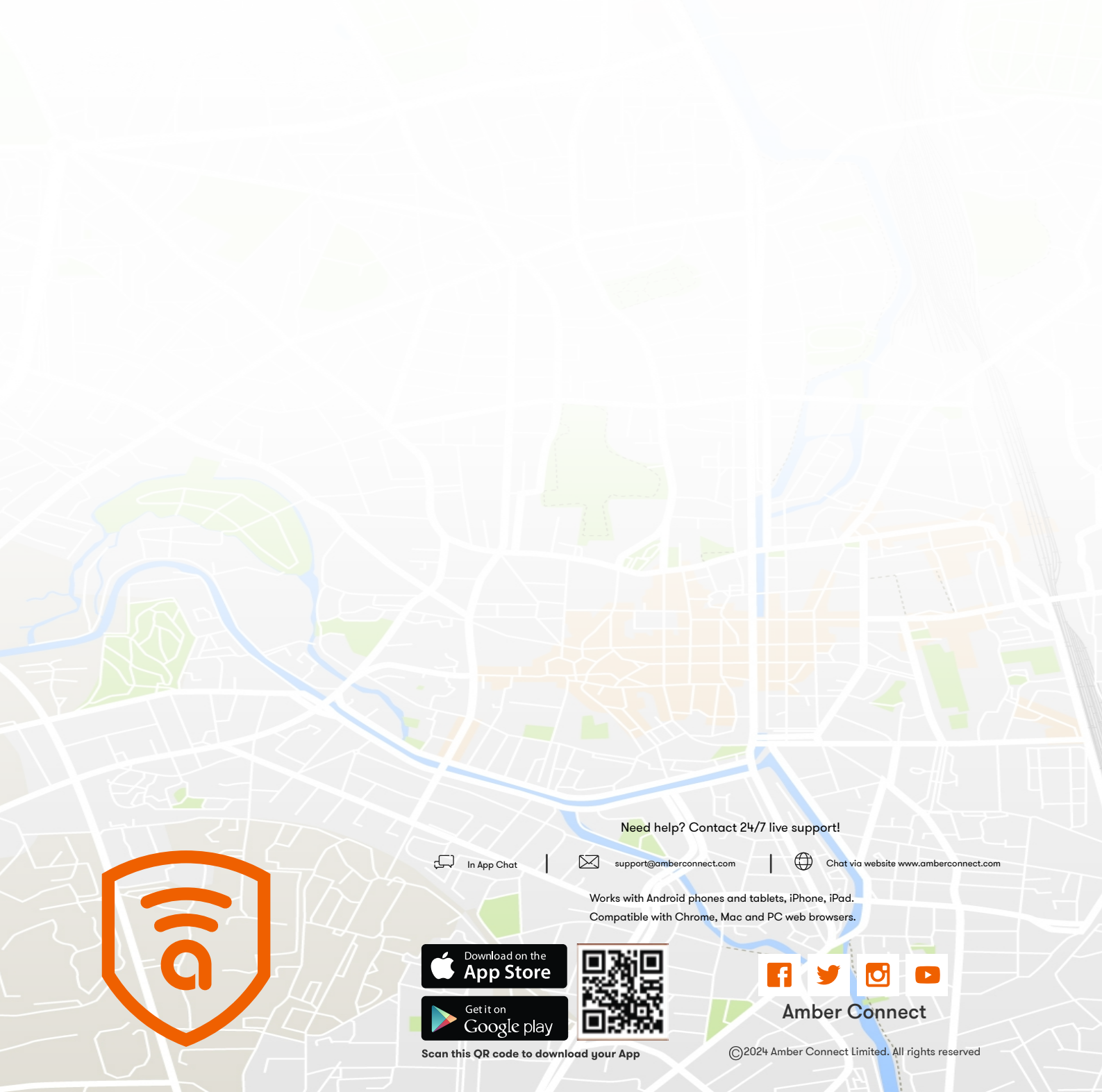
Dimensions	61 x52 x26 mm
Weight	55g

Operating environment

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


Feature

Sensors	Accelerometer
Bluetooth	Support BLE 4.2 protocol
Ignition detection	External Power Voltage
Scenarios	Vehicle movement alert, Over-speed alert, Geo-fence, Vehicle battery detections, Power supply disconnection
Driving behavior analysis	Harsh acceleration, Harsh braking, Harsh cornering, Collision



 In App Chat

 support@amberconnect.com

 Chat via website www.amberconnect.com

Need help? Contact 24/7 live support!

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



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