

Wireless Anti-Theft alarm system for Cargo and truck

Robberies on trucks are a major problem in the global logistics industry. Cargo theft statistics vary, but it is generally agreed upon that cargo theft is a \$15 to \$30 billion-dollar problem each year in the United States. Exact numbers are impossible to determine in that many cargo crime incidents go unreported, and the numbers related to those incidents that are reported differ greatly by agency. <https://losspreventionmedia.com/insider/supply-chain-security/unreported-cargo-theft-incidents-make-it-difficult-to-grasp-scope/>.

The thieves' approach is becoming bolder. In the past, trucks were simply stolen in resting areas and parking lots. This could be counteracted with GPS trackers that have transmitted the position of the vehicle.

Today, most of the time only the cargo is stolen while the driver(s) sleep in the front or are just making a stop to eat something. In a matter of seconds, the locks are cracked, the rear doors or rear roller doors of the trailer are opened and the cargo is stolen. In some cases, the thieving gangs use narcotic gas before, which leads them into the cab and stun the driver(s).

Secure of trucks and trailer / cargo

Please find some examples of different wireless sensors on the image below.

(Up to 20 different wireless sensors can be used in combination with the smart portable Alarm system incl. GPS tracker.)

Our recommendation: Smart Alarm with GPS tracker in combinatio with DSP Motion detector.



Small but powerful: anti-theft alarm system for cargo and driver's cab. Freight companies and drivers can put an end to this with little financial means: AMG-Security Technology from Germany has developed CarPro-Tec® GPS Plus, a **wireless anti-theft alarm system** that is only slightly larger than a pack of cigarettes.

A room volume sensor registers any change in the volume of the room, for example after opening the drivers cab door(s). A motion detector registers all movements in the interior of the trailer and can be set so "insensitive" that it only strikes in movements that are triggered by people. The combination of both sensors provides almost 100% protection.

To monitor refrigerated goods, a temperature sensor can be used to report an alarm when the set temperature goes out of range, for example due to unauthorized opening of the trailer door.

Any change inside the truck/trailer will result in a loud siren alarm (with optional shock siren up to 120db) or, optionally, a silent alarm, each with notification by phone call and text message to the driver and up to 2 other selected individuals.

Gyroscope sensor registers vehicle theft

If an attempt is made to steal the trailer, the semi-trailer or the entire vehicle, a gyroscope sensor in the anti-theft alarm itself registers the change in position of the truck. Since the control center not only sends the message but also the position of the vehicle – available on Google Maps – the driver or police can locate the stolen truck easily.

Prevent cargo theft

In today's tough industry no one can afford having their cargo stolen. Insurance rates will go up and even worse the reputation will suffer greatly which even might result in closing your business.

With the smart alarm and GPS tracker in combination with i.e. the wireless the DSP Motion detector you can now easily protect your truck and cargo from being stolen.

When the thieves open the trailer door and the motion sensor detects body heat/movement it will result in a loud siren alarm (with optional shock siren up to 120db - the thieves will be caught by surprise and immediately drop everything and try to get away as fast as possible) with notification by phone call and text message to the driver and up to 2 other selected individuals.

Warning of anesthetic gas in the cab

CarPro-Tec® GPS Plus not only watches over the cargo, but also over the driver(s) inside the cab. An optional anesthetic gas / gas combined detector is also linked to the alarm center via radio signal and responds to the smallest amount of conventional anesthetic gases, but also the usual gases such as propane, butane, etc. The anesthetic gas combination detector can be connected to the 12V electrical system inside the cab and provides its own acoustic signal.

GPS tracker

With the GPS tracker you can set GeoFence = receive the alert the truck is leaving or entering a self-defined area. Set speed alert.

Life tracking on one or multiple vehicles at the same time on the free Online portal.

Low investment

Compared to expensive satellite surveillance systems and other high-tech solutions, investment in CarPro-Tec® GPS Plus is minimal. The portable smart alarm with GPS tracker costs around \$299 USD retail and the wireless DSP Motion detector \$74.

Excellent

CarPro-Tec® GPS Plus has already been awarded the prestigious Gold Protector Award 2017 in Germany. The magazine Car and Hifi has made a buy recommendation after their test and the trade magazine Digital Home has rated the system recently with a grade A.