



b.Alert protects your truck load against all type of intrusions: theft, refugees -helped or not by human trafficants-, smuggling, ... Easy to use and easily transportable between trailers. Your load will be safe against theft, destruction or damage and your driver will be more at ease knowing that he is protected.

b.Alert is an intelligent alarm system to detect unwanted intrusions in the load of a truck. It is based on external vibration measurements and a patented technology to analyse them. This technology assures that only real intrusions are detected and produce an alert; not the person or truck passing by, the wind, ...

b.Alert is universal applicable. If the trailer is hard-sided or soft-sided, if the intrusion is from the back, the side or the top an alert will be given for an unwanted intrusion in the load. When a tractor is picking up a new trailer, the sensors are easily placed on the new trailer.

b.Alert integrates seamlessly in existing technology. b.Alert has 3 binary outputs of 0-12V. They can be connected to a relais to steer the horn, the lights, ... What happens at an alarm is fully customizable.. These contacts can also be used to communicate with a board computer or track&trace system when present. In this case, b.Alert works merely as a trigger. An sound is also produced in the cabin, and, when there is no board computer present a silent alarm can be given (by mobile phone to the driver, a communication centre, the police, ...).

b.Alert is easy to use. When the sensors are placed on the trailer and the truck takes of, the system activates automatically. No further actions from the driver are necessary.

b.Alert is also logging. Every intrusion and every action of the driver concerning the load is logged, for instance when he de-arms the system to load or unload. In this way, he is also under control. But more importantly, when no intrusions are detected during a journey, there is clear proof for police or customs that the load is unchanged and time consuming checks at borders can be avoided.



Main unit

The main unit is installed in the cabin. It is connected to the electrical power and the output signals are connected to the wiring of the truck in function of the wishes of the client. The antennas for the communication with the remote units and the mobile phones are placed in a favourable position. Also a cabin sensor is installed to integrate the cabin signals in the analysis.

The driver enters a memory stick with his personal set-up: phone numbers, alarm types, alarm timing, ... The stick also contains a logging of the activities of the truck. The stick is programmed in the office with a user friendly program. In this way, the driver is not able to tamper with the setups and the owner keeps 100% control.

Once the main unit is started, it takes care of all necessary communications and analysis.

On the front of the main unit, 4 buttons and 4 LEDs are arranged in a simple and straight forward menu for the driver. He can see the status of the system, reset an alarm or de-activate the system when he needs to open the load for instance to load or unload.

Remote units

2 remote units are present. When a new trailer is picked up, they have to be positioned on the chassis. So, even when the trailer is completely filled or locked with a seal, it is easy to install the protection outside.

The remote units start working automatically when the truck stops. They stop working when the truck drives, as intrusion protection has no use at that moment.

When necessary the batteries of the units can be charged in the cabin during driving.

Technical specifications

dimensions	Main unit: Remote unit:
Power	6—30 V
Operating environment	Temperature -30—60 °C. humidity in cabin 0—50%, operating humidity outside 0—100%.
upgradeability	The hardware and the firmware of the main unit is upgradable for later versions and extensions
Product certification	EMC Directive § with CE Marking (Europe)
Control panel	4 LED and 4 push buttons
software	Works on Windows XP, Windows Vista, Windows 7. To program the USB keys.
Warranty	One year limited warranty. Warranty and support options vary by product.