

NEW DEFA SECURITY SYSTEM

The alarm system for every type of body electronic system

Installation has
never been easier!



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FINALLY A SMART CAR ALARM SYSTEM THAT FITS ALL VEHICLES

CANbus technology is becoming the norm for body management systems in modern cars. The latest generation car alarm from DEFA exploits the potential which already lies within the electronic systems and is literally tailored for any type of this technology. This alarm is basically a universal unit. After programming, it suits any type of vehicle.

A whole new world for installers

This new alarm is designed on a flexible platform that suits all types of vehicles, whatever their electrical system is. The Central Unit is robust, small and compact and uses little power. The only thing you need is a PC with access to the Internet. All relevant car configuration data is downloaded to the PC and automatic uploaded into the alarm unit via a standard mini USB. Upon first time power up, all attached sensors will register to the alarm unit, automatically, and all system components are ready to go without any further adjustments.

Quick installation is good for business

Reducing installation time makes financial sense: satisfactory earnings per installation and the potential to handle more vehicles in the workshop each day.

The new DEFA Security system will replace our previous alarm series.

Adapted to:

- Cars with analog/discrete digital electrical systems. The alarm is controlled only by the car's own remote control.
- Cars with analog electrical system. The alarm is controlled by the car's DEFA remote control only.
- Cars with digital electrical system. The alarm may be controlled by both types of remote control.
- Two-zone alarms for driver's cab and payload area.





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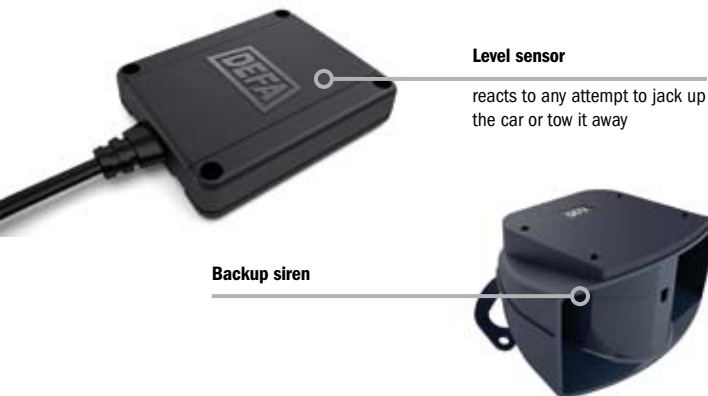
DEFA SECURITY INITIATES UP-SALE POSSIBILITIES

The alarm system in brief

- Glass breakage sensor works as a boundary protection and is released if a window is broken.
- The WatchDog function releases a low level audible alarm if anyone tampers the windows.
- The motion sensor protects all your valuables inside.
- The hood sensor triggers the alarm if anyone tries to get into the engine compartment.
- The level sensor reacts to any attempt to jack up the car or tow it away.
- Visible decals and a blinking red hi-intensity LED give a clear message that the car is armed.

Siren or SMS alarm

The siren has 6 signal alternatives to enable individual customisation and is powerful enough to deter the thief. A DEFA Security combined with DEFA Tracking gives a break-in alarm to your mobile phone or to an alarm centre. This alarm unit can also remotely control a DEFA pre-heating system, keeping the car warm and ice-free in winter time.



Extend the alarm with a tracking unit

Our alarm series may be combined with Track & Trace tracking units, which gives an alarm warning of theft and the position of the stolen object.

DEFA on land and sea

We offer alarms for private cars, commercial vehicles, motorcycles and construction machinery. Alarms for leisure boats including immobilisers for inboard or outboard motors and alarms combined with track and trace.

Window module

- Glass breakage sensor
- Emergency switch
- LED



Motion sensor

Protects all your valuables in the car

Central unit



PRODUCT AND SERVICE QUALITY

Key processes take place in house

Die-cast aluminium, injection plastic moulding, CNC lathe work, complete electronic production, highly automated cable processing and own tools and equipment department. Our own factory in China manufactures high quality labour-intensive products.

The production equipment has largely been developed by DEFA. The depth of knowledge this has given us in the various business areas, ensures quality and provides a unique basis for further development. We have the capacity and knowledge in our own product development department, and all our products are developed by DEFA.

We stay up to date

DEFA is a market-oriented company. Car manufacturers and most Nordic car importers are working together with DEFA to find the best solutions for their own models. Thus, DEFA is developing engine heaters that work perfectly for all engine types; DEFA has a vast range of processes and technologies at its disposal and our philosophy is to handle as much refining and processing as possible within our own organisation. That means better control and better quality.

Creating success locally

DEFA is the leading manufacturer of electrical pre-heating systems in Europe. By having strong distributors in important markets, we are close to our customers throughout the value chain. Local responsibility for logistics, product training,

technical support and marketing places us right in touch with the market. DEFA is a strong brand in the industry, thanks to the mixture of high quality products and dedicated distributors.

Quality assurance and continuous improvements

DEFA puts the emphasis on quality at all stages and is certified in accordance with the following international standards:

ISO 9001-2008, ISO 14001-2004 and TS 16949-2002.

Continuous improvement is also important to us and we use SixSigma, 5S and Lean as important tools in our processes of optimizing and improvement. We understand the importance of a high level of service at all stages of the distribution chain and we stay in touch with our products all the way to the end user.

Running a business without marketing would be like waving to a woman in the dark

DEFA develops material for all markets in collaboration with the local line of distribution. In the marketing toolbox, you will find material for product launches, PR and in-store material, profile articles, brochures, advertisement templates, product specifications and data sheets, as well as complete campaigns for marketing.

Depending on customer satisfaction

We aim to become a leading player on the world stage for electrical pre-heating and for security products, tracking and fleet management. Our criteria for success are a high level of service, outstanding product quality and value creation for customers at all levels.



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