

Safety technology for leisure vehicles

Alarm systems | safe.lock | Vehicle tracking | Gas alarm devices | Accessories



**Enjoy
the good
things of life.**

**We'll take care
of your safety.**

Dear readers,

Welcome to our new THITRONIK® catalogue. Would you like to find out more about effective safety systems for recreational vehicles? Then you have found the perfect reading with helpful answers to your questions. In our revised THITRONIK® catalogue, you will find valuable information on all THITRONIK® alarm systems, gas alarm devices and tracking systems as well as unique accessories. In short: This well-arranged overview contains all the necessary building blocks to compose a convincing, individually tailored security system for your leisure vehicle. Regardless of whether you have a motorhome, a caravan, an off-roader or a camper van. To ensure that this safety system is always at the cutting edge of technology, our development team is constantly revising, updating and optimising all our products – for your safety.

At a closer look, you will quickly realise many of the THITRONIK® products are completely unique and can only be obtained from THITRONIK® in this or a similar form. This is no big surprise. For 30 years, THITRONIK® engineers have been developing flawless safety systems for recreational vehicles, precisely and specifically tailored to the high demands of motorhomes and caravans. And in all that we do, there's one underlying aspect forming the basis of all our sustainable actions and thinking: "made in Germany". For Thitronik, this means to continue expanding our production site in Eckernförde and cooperating more closely with regional partners and suppliers.

But enough said: Please enjoy reading the following pages – you will be surprised.

Your Thitronik Team

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Professional safety systems

Travelling with ease of mind

Travelling time is holiday time: a time to relax and recover. And, what is most important: a time that should be spent as carefree as possible – especially without having to worry about personal safety or the protection of one's own belongings.

As said before: For the protection of your vehicle and accessories, you will hardly find more specific and effective components than those from THITRONIK®.

All our radio components are coded and immune to tampering attempts, our high-precision gas alarm devices are designed specifically for various different gases. And thanks to our unique safe.lock feature, we even manage to safeguard the central locking system of all Fiat Ducato vehicles and identical vehicles built from 2006 against replay attacks (only with WiPro III safe.lock).

These are no empty promises: Compare us, you will hardly find a more powerful alarm and safety system. By the way: This opinion is also shared by renowned car magazines. In 2017, 2018 and 2020, the THITRONIK® WiPro III alarm system and the THITRONIK® G.A.S.-pro and G.A.S.-pro III gas alarm devices were awarded the coveted test victory the

specialist editors of Reisemobil International magazine. Thitronik received this award in the largest comparative test for safety systems ever made.

In addition to the high safety standard, the testers praised another very important aspect of our safety modules: their extraordinary ease of use. Excellent usability starts with the dealer, who appreciates the straight-forward and quick installation of the modules – and continues with the customer, who hardly has to worry about anything apart from pressing a button on the remote control. In no time at all, all systems are armed and vehicle, windows, roof hatches and storage compartment flaps are safeguarded – even your loose accessories outside the camper, if desired. Highly effective, precise and without security gaps.

Do you have questions about our modules? Would you like tips and information on retrofitting? Please contact us. Please note that there is a comprehensive overview of all competent premium partners of THITRONIK® at the end of this catalogue.



Are planning you to get yourself a new motorhome? If you wish, the manufacturers listed above will install a THITRONIK® alarm system for you ex work.

Maximum safety ... THITRONIK® modules: a strong team

Each THITRONIK® module on its own is a strong player. But as a team, our system is simply unbeatable. Any unauthorised attempt to enter the vehicle triggers an alarm just as much as an attempt to steal any accessory.

Precise vehicle tracking and highly effective gas alarm devices complete our concept convincingly.



Modular system

BLUETOOTH® networking module

Conveniently controlling the WiPro III with smartphone and selected smartwatches



G.A.S.-Pro III

A modular gas detection system for permanent installation in your vehicle. Reliably warns you of gas leaks and anaesthetic gas attacks. With integrated siren and radio unit. Also available for carbon monoxide (CO).

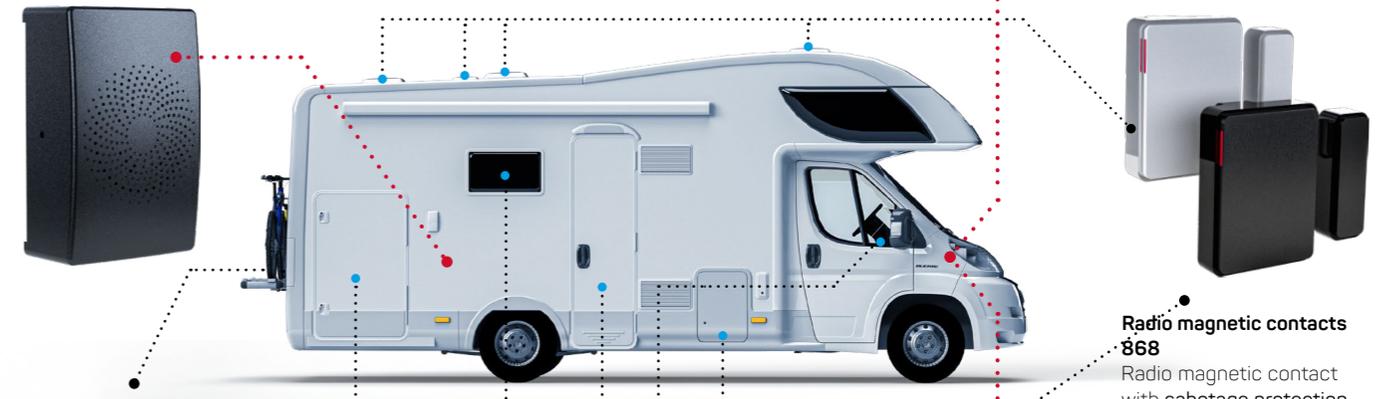


WiPro III

CAN bus radio alarm system for motorhomes



THITRONIK® App
The THITRONIK® app gives you a clear and compact overview of all functions of your WiPro III.



Radio magnetic contacts 868

Radio magnetic contact with sabotage protection for securing windows, doors, roof boxes, roof vents etc.



Radio cable loop 868
To protect your belongings outside the vehicle, such as bicycles, portable satellite dishes, camping furniture etc.

NFC Modul

Solid-state control Your alarm system



Pro-finder

Perfect complement for WiPro III or as a "standalone" tracking system



Radio hand-held transmitter 868

Permits silent enabling or disabling of the WiPro III.

Maximum safety

An alarm system only offers maximum protection if it can be enabled while there are people inside. A small appeal against nonsense of outdated motion detectors.



Let's be honest. What do you expect from an alarm system in your motorhome or caravan? That it perfectly protects your vehicle and belongings when you're not around? Of course! No objections against this high demand. But what about this scenario: You are not around, but your dog is in the vehicle? You don't have a dog? All right – let's take it one step further: You or your partner, children or grandchildren are in the vehicle! You are cooking, watching television or want to take a nap at noon or simply feel comfortable when spending the night at a very lonely site.

Wouldn't it be good if all storage compartment hatches, windows and doors were actively secured? We are certain: you would answer this question with a convinced "Of course!". Which puts us in the middle of a lively discussion: How do motion detectors meet these demands? Or, to put it somewhat drastically: Does it even make sense to have motion detectors as foundation of a security concept in recreational vehicles?

We at Thitronik are convinced that the answer to this must be "Absolutely not!".

The problem with motion detectors

There is hardly a safety net for recreational vehicles with more shortcomings than motion detectors. Frequent false alarms are inevitable, or – what is even worse – the users deactivate the alarms.

A closer look at motion detectors

As the name suggests, motion detectors respond to movement and immediately trigger an alarm if they detect a motion. That's a wonderful thing in your car – we agree. However, in a recreational vehicle other factors determine how an alarm system should be used. As long as you are not there, the alarms could remain enabled. However, even if you leave a window or roof vent open to let air in, all it takes is a curtain fluttering in the wind to activate a motion sensor and thereby trigger a false alarm. You could of course lower the sensitivity of the sensors, but in doing so you also lower the security level of the system.

The point is here: the security concept of motion detectors remains patchy.

An irritating aspect: false alarms

And let's be honest: constant false alarms are very annoying – for you and your neighbours alike. But the most substantial argument against motion detectors is that they offer no protection at all whenever people are inside the vehicle – because they have to be disabled for this common situation. Once they are switched off, only the high-end systems might secure the vehicle doors, and possibly (if retrofitted at great effort and expense) the body door and one or two windows with the help of wired sensors. Yet, those are the commendable exceptions – and as already mentioned: The installation of the wired sensors requires unnecessarily high investments. It can be done much more cheaply and elegantly – and se-

curely besides. But we'll get to that later.

No matter how you look at it: The security concept of motion detectors for recreational vehicles remains patchy. And what is more, roof windows, side windows, rear garage and storage compartment hatches remain unsecured. An this is intolerable, as we at Thitronik think. And you can be sure about one thing: If motion detectors would only optimise a single aspect of the THITRONIK® security concept – we would be offering them to our customers tomorrow. Right now we are certain – this aspect does not exist. And therefore, we continue to rely on the coherent combination of an efficient alarm system, easy-to-add radio sensors and a technically advanced GPS vehicle tracking system.

Trust us: Your safety is always our top priority when designing our products for recreational vehicles.

FALSE ALARM

triggered by ...



... pets



... insects flying by



... gusts of wind



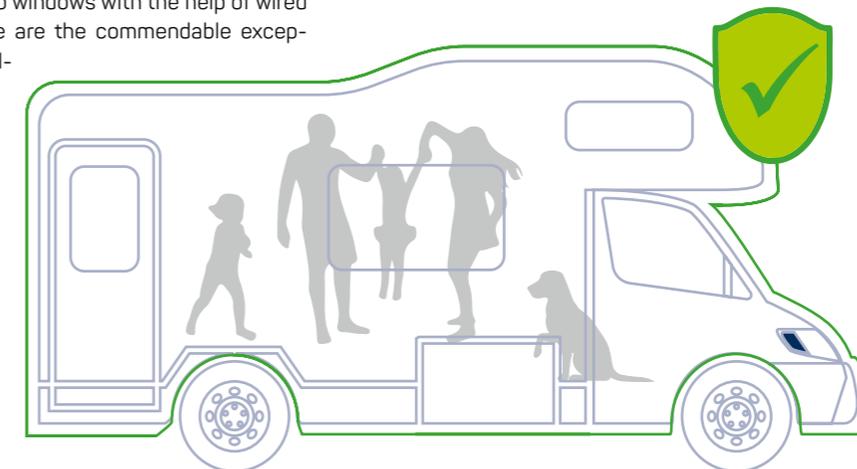
... fluttering curtains



... playing children



... warm rising air



Pros and cons of motion detectors and radio magnetic contacts

Motion detectors



✓ Pros

- Detect intruders in the vehicle when the owner is not around
- Secure the entire interior
- Lower acquisition cost because only one device is needed

✗ Cons

- Very prone to false alarms
- Restricted freedom of movement of people inside the vehicle, when motion detector is activated
- Must be deactivated when campers are present
- Limited protection when sensitivity is lowered
- No protection possible for storage compartment flaps or rear garage

Radio magnetic contacts



✓ Pros

- Simple installation without drilling
- Any number of contacts can be retrofitted quickly and inexpensively
- Wireless radio connection
- All wireless magnetic contacts can be "controlled" individually (ventilation function)
- Subsequent teach-in to the control unit is possible at any time
- Sabotage protection through a second sensitive reed contact
- Low battery level is indicated in good time
- Easy to use
- Warning when driving off with open windows (departure check/vent-check)

✗ Cons

- Each relevant opening must be secured with a separate radio magnetic contact
- Higher acquisition cost because of multiple components

Anti-Jamming

No chance for jammers

Criminals are sometimes very creative. In the past, they quickly realised that hinged windows and storage compartment hatches of motorhomes are not a serious obstacle for a dedicated burglary attempt. In most cases, a standard screwdriver is sufficient to lever out the locks.

Hence it was up to the alarm system manufacturers to develop a reliable system for effectively securing windows and doors. The first radio magnetic contacts were launched. Thanks to small adhesive surfaces they can be mounted quickly. A small magnetic field between magnet and sensor notifies the control unit that everything is OK. If the sensor and magnet move apart while the alarm system is activated – which happens in the event of an attempted break-in – the sensor sends a radio signal to the control unit and the alarm sounds. So much for the theory. We were talking about creative

criminals. Motivated burglars soon realised that this radio signal can be excellently superimposed with a jammer. Effect: When windows or hatches are forced open, the sensor transmits – but the signal does not reach the control unit. No alarm sounds. By the way, these jammers are silent to the human ear. Well, not only criminals are creative. Thitronik engineers have developed high-precision radio contacts that are completely unimpressed by jammers. If the control unit detects a jamming attempt, it triggers an alarm.

As you can see: With THITRONIK® products you are always one step ahead even of inventive criminals.

Reception jammed

With radio jammers, criminals overlay the signals of the radio contacts of alarm systems. They cannot do this with THITRONIK® radio magnetic contacts. The system is immune to such interference attempts, it detects the manipulation attempt and triggers the alarm.



Radio cable loop

The clever way to protect your accessories

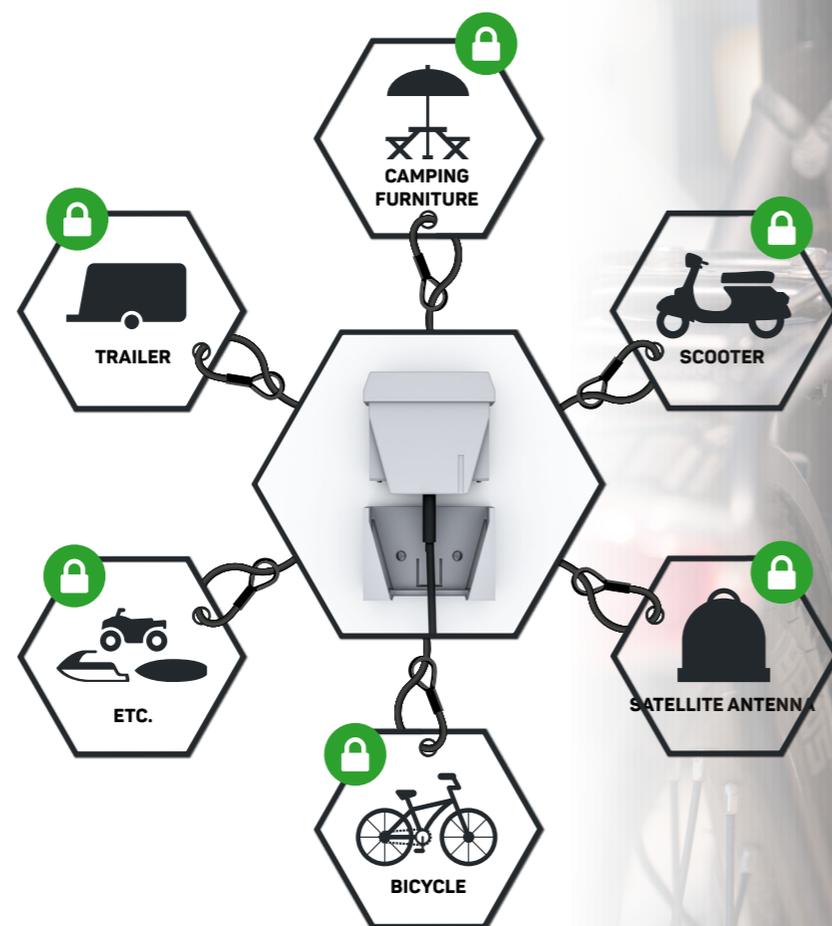
It isn't easy with valuable accessories. Not every camper wants to go to the trouble of stowing them in the rear garage every night or constantly securing them to fixed objects using huge locks. Owners of a WiPro III alarm system can secure their accessories in a much more comfortable way: by simply integrating the THITRONIK® radio cable loop into the safety system.

Versatile, fast, safe ...

Basically, the cable loop is closely related to our radio magnetic contacts for doors and windows. The only difference is that the holder is the magnet and the head of the cable loop is the sensor. The special highlight: the holder can be mounted anywhere on or in the vehicle.

Using the cable loop is child's play. Simply pull the slide of the cable loop through the accessory you want to secure (for example the frame of a bicycle, the base of the mobile satellite antenna or through the base frame of valuable camping furniture). Now guide the slide through the lug at the end of the cable loop (the loop is now closed) and hook it into the holder – done. When the WiPro III alarm system is "armed", the accessories are also secured accordingly.

If thieves tamper with the loop, try to pull the slide out of the holder or cut the cable, the control unit immediately triggers an alarm. The system also instantly detects jamming attempts or foreign magnetic fields. By the way, you can integrate up to 100 cable loops into the THITRONIK® safety system.



A strong team

The full potential of the radio cable loop is unleashed when the THITRONIK® Pro finder is installed on board in addition to the WiPro III alarm system. Thanks to a SIM card in the device, the tracking system can communicate with one or more mobile phones any time.

If the cable loop triggers an alarm, the owner is immediately informed by SMS and can take appropriate action. Like all THITRONIK® radio components, the cable loop is also powered by button cells (CR 2032). Long before the battery is exhausted, users receive a status message via the control panel when it's time for it to be replaced.

The THITRONIK® radio cable loop is available with a black or white holder or slide - optionally in 2.5 or 5 metre lengths.

Departure check

A brief moment of carelessness: And enormous damage may be done. The vent check function carries out a short check for you prior to departure. Comfortably, completely automated.



Sophisticated comfort functions

The awning has been cranked in, the storage compartment hatches are closed, the dog is sitting safely in the box? Then you're ready to go. Put the vehicle in reverse and carefully manoeuvre out from under the tree. And crack ... the branch has ripped off the open roof window – what an annoying hassle – and how unnecessary. Apart from the financial loss, the irritating spectacle has of course thoroughly spoiled the good holiday spirit.

The THITRONIK® WiPro III's vent check function comfortably prevents such accidents long before they happen – fully automated and extremely reassuring for the camper. If the camper turns the vehicle key to "Ignition ON", the alarm system's central control unit checks all radio magnetic contacts installed in the vehicle and alerts the driver with a clear warning sound if an opening on the vehicle is not properly closed. Besides roof hatches, rear garage doors are also frequently forgotten and then suddenly swing open when taking the first curve.

If the warning signal for an open roof hatch or open sliding window sounds, the occupants can decide which of them should remain open or whether the roof hatch should not rather be closed for the upcoming motorway stretch. In any case, for now it should be closed – at least until the motorhome has safely left its place under the tree.

Vent check

At first glance the vent check might appear to be a nice additional option offered by the WiPro III. For many motorhome owners, however, it has quickly advanced to an extremely valuable and appreciated everyday comfort function.



easy add

Comfortable and quick: Teaching-in THITRONIK® components

Several factors indicate the security level of an alarm system, a very important one being its modularity. Does the alarm system solely consist of standalone solutions which are not or hardly capable of communicating with each another? Unfortunately, this is still a commonly found concept which regularly reveals alarming security gaps.

THITRONIK® has always used powerful components which both individually and especially as a team present a capable and highly efficient security concept.

Our customers have maximum freedom in selecting the modules. Whether you select our Pro-finder GPS tracking system or our WiPro III alarm system as the starting component – other modules can be easily added any time. Combining modules usually not only leads to the sum of the individual functions of our modules, but often unleashes attractive bonus functions. Example: You complement the WiPro III with the Pro-finder. Now you do not only have an alarm system and a separate tracking system, but a bonus function enabling the Pro-finder to send the notification of a burglar attempt from the WiPro III directly to your mobile phone.

Now how does easy add come into play here? Well, such combinations of individual modules are easily possible in our system any time – no matter which starting components you originally chose.

Do you need another radio hand-held transmitter, an additional gas alarm device, further radio magnetic contacts or one or two radio cable loops to secure accessories? No problem. Our development team has invested a great deal of

know-how and time in order to make the integration of new components, that is, teach-in on the central control unit, as easy as possible.

The result is our easy add function, which enables you to connect the new component to the WiPro III central control unit in just three steps: start the teach-in mode, actuate the new accessory (open/close or switch on/off) and quit the teach-in mode.

Child's play. Teaching-in is even easier when customers have our Pro-finder or the BLUETOOTH® networking module in the vehicle and can use the THITRONIK® app easy add 3.0. And remember: It takes no more than just a few minutes to install a new radio magnetic contact to a door, storage compartment hatch or window. All you need to do is clean the mounting surface and carefully position the contacts – that's what we call "easy add". No laborious and time-consuming cable routing. Despite this comfortable and rather unspectacular teach-in procedure, you mustn't forget: The easily added accessory is equipped with highly complex and unique security functions.

And as already mentioned at the beginning: a safety system can only be highly effective if all components cooperate and additional parts to support them can be added any time.



easy add

The easy add symbol informs you of THITRONIK® components that can be comfortably AND quickly integrated into the alarm system.

easy add: And these are the required steps:

Do you need another radio magnetic contact for a new roof window or another cable loop or radio hand-held transmitter? Thanks to the easy add function, integrating a new module only takes a few seconds.

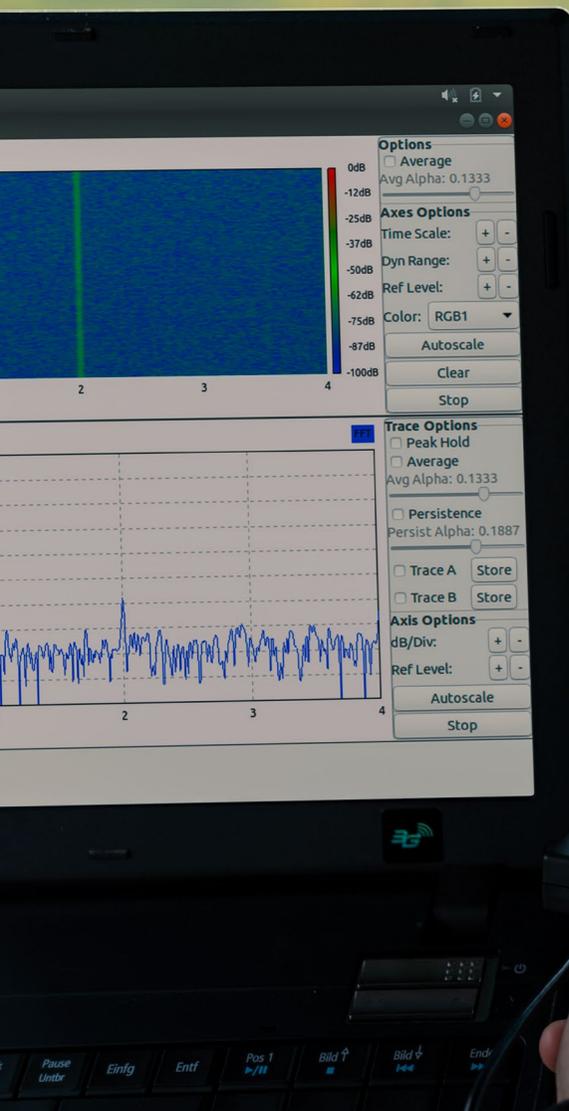


1. Start the teach-in mode.
2. Operate the desired accessory.
3. Exit the teach-in mode.

The new accessory has now been taught-in and is part of the THITRONIK® safety system..

Replay attacks

With laptops and advanced hardware, criminals outwit the central locking systems of Fiat, Peugeot, Citroën and Iveco. The damage is often immense. THITRONIK® safe.lock ensures safely locking the vehicle again.



Security gap central locking system

A central locking system should be safe. At least that's what people think. But is this true? Let's take a look. In the past, there was a growing number of reports about motorhome owners who had become victims of burglary. The losses of stolen goods was partly enormous, but the problem was, that the vehicles did not have any traces of a forced break-in. Had the owners possibly forgotten to lock the vehicle? At least that was what the police and insurance companies would think. But the fact was that resourceful car burglars made use of advanced electronic devices.

Let's look at the radio key of the Fiat Ducato, identical models from Citroën and Peugeot, as well as that of the Iveco. When the "Unlock" button is pressed, the radio key sends a radio signal to the vehicle's electronics. However, vehicles built between 2006 and 2018 have a big shortcoming: The keys is always sending the same signal. Hence, a simple laptop and hardware available on the Internet with the appropriate software are now sufficient to record this signal and, you guess it, play it again at a later time – whenever it suits the burglar. Burglars can save the "Unlock" signal as a file and gain access to the vehicle at any time. A horror scenario. As of model year 2019, the ex work standard radio keys are somewhat more secure – but safe.lock will even significantly improve the security standard of these keys. The Thitronik development engineers have worked on this problem and developed a powerful additional function to ward off replay attacks: the so-called safe.lock. If you want to improve the safety of the vehicle locking process in addition to your alarm system performance, you should opt for the WiPro III safe.lock which has the safe.lock function already integrated. You want to know how the system works? Read more on pages 34 – 36.

The following vehicles are affected by the security gap:

- Fiat Ducato
- Peugeot Boxer
- Citroën Jumper
- Iveco Daily
(all models as of 2006 up to and including 2018)



safe.lock

This function is more than just comfort: safe.lock effectively protects Ducato-based motorhomes from replay attacks. Owners can leave their vehicles with the reassuring feeling that their vehicles are secured in the best possible way.

THITRONIK® App

An attractive safety bonus

- WiPro armed/ disarmed 
- Lock/unlock vehicle 
- Vehicle tracking: You receive a text message with a Google Maps link 
- Geofencing on/off 
- Output A: each output can have any function assigned 
- Output B: Example of a ventilation function 
- Request status report 
- easy add mode 
- Manuals 



Complex technology presented clearly and comprehensibly: The THITRONIK® App. It does not only help our customers to keep track of the WiPro III alarm system and the Pro-finder via smartphone at all times. If combined with the Pro-Finder, the WiPro III alarm system allows to activate or deactivate important functions from anywhere in the world – via SMS. Our Pro-finder establishes the necessary connection to the mobile network – hence it is an important prerequisite of our app.

You remember? The Pro-finder is our tried-and-tested GPS tracking system, which our Premium Partners install for you hidden in the vehicle. It does not only constitute the core for reliably locating your stolen vehicle anywhere in the world in real-time, it also handles the communication between your smartphone (app) and all THITRONIK® components in the vehicle. You want to check whether the alarm system is armed or whether you've forgotten to lock the vehicle when you left it? No problem: Just request a status message or, if in doubt, activate the central locking (via safe.lock) and the alarm system via SMS. Would you like to allow your children or friends to access your vehicle while you are not around? Again, all it takes is an SMS to the Pro-finder and it will open the door for your kids (in combination with the WiPro III safe.lock).

But the app does not only improve ease of use – basic set-up functions also become much easier to carry out. For example, if you want to teach-in another radio magnetic contact – but you don't remember clearly how to do this. You can download the latest operating instructions via the app at any time and, of course, free of charge. With the WiPro III safe.lock (as of serial number SN1050-004), the WiPro III (as of SN0823-012), the BLUE-

TOOTH® networking module and the Pro-finder (as of SN0699-013), you can even start the teach-in mode for new wireless components directly via the app (update may be required). They are easily integrated into the safety system in just a few minutes. Since the Pro-finder still has two unassigned outputs, you can use them to control any devices in the vehicle – such as the awning lighting. The optimised overview of all the functions of our safety system not only makes it easier to use, the app also significantly increases the level of security.

And what can you do if your motorhome has actually been stolen? Well, with the THITRONIK® Pro-finder you can always see the exact whereabouts of your vehicle. And: With the shut-off function you can prevent the vehicle from starting again once it has come to a standstill (not possible with all vehicles). To do this, your dealer simply has to install an additional relay.

If you have an Apple or Android smartwatch, you can access further attractive additional functions. As a basic set-up, you need the combination of the WiPro III and the BLUETOOTH® networking module. Then you can arm or disarm the alarm system at close range via the new THITRONIK® smartwatch app, as well as trigger a panic alarm in case of emergency – simply by tapping the watch on your wrist. If you have the WiPro III safe.lock installed, you can even lock and unlock your vehicle using your watch. This means that trips, for example to the swimming pool, are possible at any time without taking a vehicle key with you. You can leave the key in the vehicle safe.

*Requires GSM/GPS network coverage



Conveniently control your alarm system via the THITRONIK® app on your smartphone or smartwatch.



On the trail ...

A horror scenario: Your motorhome or caravan has been stolen. Right in front of your house, or even worse when you're on holiday. Now you need to act fast because every minute passing minimises the chances of ever seeing your vehicle again.

Ideally, you already received an alarm notification on your mobile phone the minute that the intruders gained access to your vehicle. You were hence able to inform the police in time before your vehicle was removed from its location – an attractive time advantage. As said before, an ideal case where the THITRONIK® WiPro III detected the alarm and sent a break-in notification to you and – if set up cor-

respondingly – to nine other mobile phones via the Pro-finder tracking system.

If THITRONIK® Pro-finder is installed as a standalone tracking system, your default settings

determine when your system will send you the first alarm notification.

You can, for example, define a virtual fence with a radius of 900 metres around your vehicle. If your vehicle then leaves this secured boundary, no matter if it is being driven by the intruder or towed on a trailer (car, caravan, transporter), you will receive a theft notification. You can of course activate or deactivate this so-called Geofencing option any time via text message. If Pro-finder and WiPro III are installed as a system, WiPro automatically enables geofencing as soon as you lock the vehicle via central locking system.

The THITRONIK® Pro-finder locates stolen vehicles in real-time – a powerful tool for the recovery operation.

Message from motorhome

WiPro ON
Fence ON
UTC: 14:05
[http://maps.google.com/
maps?q=054.49011,0009.80263](http://maps.google.com/maps?q=054.49011,0009.80263)
0km/h
A: OFF
B: OFF
T: 27 C

Vehicle tracking

GPS satellite technology and the THITRONIK® Pro-finder guarantee tracking down a stolen vehicle. Any time and anywhere.

Brief guide to gases

You need to know the following gases

Did you know that gas alarm devices are specialists? Well, it is as simple as this: Gases differ significantly in their chemical composition. That is hardly surprising, considering their purpose or mode of action. Hence, it is self-understood that a gas alarm device designed for protecting you and your family in your vehicle has to be optimised for the respective gas. The following gases should be considered in the context of mobile homes:

Propane/butane

In virtually every motorhome or caravan, campers cook with a mixture of propane and butane – also known as liquid petroleum gas (LPG) or camping gas. The components may vary depending on the season, but for our consideration this can be neglected. A legally prescribed gas test guarantees a high level of safety in the vehicle, but cannot rule out the possibility of defects in the gas installation. To warn our customers immediately of highly explosive gases in the event of a gas leak, THITRONIK® offers special gas alarm devices for LPG which also detect anaesthetic gases.

Anaesthetic gases

Criminals use KO or anaesthetic gases to stun campers. They feed in the liquefied gas into the interior through door rubbers, open windows or holes in the windows. Sleeping campers are thus easily but effectively anaesthetised, which means that

they are either sound asleep during the burglary or unable to act. The likelihood of such attacks is controversially discussed, but not ruled out by experts from the criminal investigation department.

In order to offer our customers the best possible protection, our gas alarm devices are extremely

efficient in detecting KO gases. Like propane and butane, they are heavier than air, that is, they fill the room from bottom to top. This is one reason why special combination sensors are used for propane/butane and KO gases.

Carbon monoxide (CO)

Insidious: You can neither smell nor taste carbon monoxide. It is produced by incomplete combustion, such as a defective boiler or auxiliary heating. If inhaled, carbon monoxide quickly leads to serious symptoms of poisoning and, in extreme cases, to death.

CO is minimally lighter than air, so it rises to the ceiling and fills the room from top to bottom. This difference behaviour shows clearly why gas sensors for liquid gas/KO gases and sensors for CO must never be installed at the same location in the vehicle.

When inhaled, carbon monoxide quickly leads to serious symptoms of poisoning and, in extreme cases, to death.

- ✓ All gas alarm devices are proprietary THITRONIK® developments.
- ✓ THITRONIK® exclusively uses high-quality electronic parts
- ✓ All components are perfectly harmonised.



The CO sensor is installed under the ceiling and detects carbon monoxide (exhaust, heating system etc.)

Small, nice, invisible ...

Properly installed, the G.A.S.-pro and the additional CO sensor are completely invisible, hidden behind a piece of furniture or the motorhome or caravan wall. There they are connected – all that can be seen are two tiny openings for the sensors. Absolutely inconspicuous.



The G.A.S.-pro sensor is installed at the bottom and detects propane, butane and KO gases.

Optimal use of gas alarm devices

CO gas sensor

Carbon monoxide is lighter than air, rises up in the vehicle and accumulates below the ceiling. Ergo: The CO gas alarm must be installed high up in the vehicle.

Propane/Butane gas sensor

If the propane-butane mixture leaks from the vehicle's gas system, it accumulates down at the floor and then rises slowly, given a continuous gas flow.

Ergo: The propane/butane gas sensor must be installed as close to the floor as possible.

Anaesthetic gas alarm sensor

Anaesthetic gases are also heavier than air. They fill the space from bottom to top. Hence, the sensor must be placed close to the floor, in order to be able to warn the people in the vehicle in time.

Ergo: An anaesthetic gas alarm sensor must be installed close to the floor. Combination sensors for propane/butane and anaesthetic gases are technically feasible.

Combined gas alarm sensors

They should warn of both the lethal CO gas and of propane/butane and anaesthetic gases. As described above, different types of gas require specific sensors and specific mounting locations.

Ergo: Hands off combined gas alarm devices that claim to detect propane/butane, KO gases and carbon monoxide. That is technically not feasible.

Comfort functions

The THITRONIK® safety system offers you these unique functions developed specifically for motorhomes and caravans.

easy add

The THITRONIK® safety system can be enhanced any time with any number of radio magnetic contacts, gas detectors or cable loops for securing accessories. If combined with the Pro-finder and/or the BLUETOOTH® networking module, the app (easy add 3.0) supports teaching-in components.

Silent mode

A loud horn blaring from the alarm system at night on the pitch? That's not an option, and with many alarm systems you'll get on the bad side of your neighbours when deactivating or activating the alarm at night-time. With the WiPro III, you can relax: You can easily operate it in silent mode instead – for example if you have to leave the vehicle briefly at night.

Panic alarm

You notice someone on your vehicle trying to gain access or possibly steal the valuable e-bikes from the rear rack? Press both buttons on the radio hand-held transmitter at the same time and the WiPro III will activate a loud alarm to scare away the potential burglars.

Ventilation function

Do you want perfect all-in protection from the activated alarm system at night? But one or more side windows secured with radio magnetic contacts should remain open to get some fresh air? No problem. Our system will inform you if a contact is not closed (you may simply have forgotten to close the window), but will accept this if you confirm it man-

ually. Later at night, you can then close/open the window for a short time to change the opening angle without triggering the alarm. Only when you actually keep the window closed for several seconds, the WiPro III will recognise that the opening should remain secured and will loop this radio magnetic contact into the alarm system.

Vent check

Roof hatches and side windows should always remain closed when driving – unless you deliberately set a roof window to the first ventilation level. The THITRONIK® system will therefore always notify you when switching on the vehicle ignition, if a contact, whatever it may be, has not been closed (cable loop excluded). This way, you can close windows and hatches to prevent damage – or deliberately leave them in a certain position.

THITRONIK® App

The THITRONIK® App will further elevate your security level with many useful additional functions and optimised user-friendliness of the alarm system.

Battery level indicator

Don't worry about failure: All our contacts will notify you in advance and prompt you to replace the battery.

THITRONIK® vs. conventional alarm systems

	Conventional alarm systems	
Protected against false alarms	✗	✓
Motion detectors (see p. 12)	✓	✗
Modularity thanks to easy add (see p. 20)	✗	✓
Ventilation function and departure check (vent check) (see p. 18)	✗	✓
Anti-jamming (see p. 15)	✗	✓
Protection against replay attacks (see p. 22)	✗	✓
Radio cable loop (see p. 16)	✗	✓
Panic alarm*	✗ ✓	✓
Silent arming and disarming*	✗ ✓	✓
Battery level indicator*	✗	✓
Remote vehicle immobilisation and alarm system control via app	✗	✓
Possibility to integrate gas alarm*	✗ ✓	✓
External magnetic field protection	✗	✓
Possibility to integrate tracking system*	✗	✓
Alarm memory	✓	✓

*Function depending on model

Modules of the THITRONIK® safety system





Alarm control unit

WiPro III & WiPro III safe.lock



WiPro III & WiPro III safe.lock are the core of the THITRONIK® security system, being specifically developed and designed for use in recreational vehicles. The highly efficient safety concept offers advanced electronics, user-friendly handling and effortless retrofitting of additional components.

Radio magnetic contacts are essential for the WiPro III alarm system. They ensure a high security level by effectively warding off attempted manipulation and detecting intruders reliably and without false alarms. The THITRONIK® safety system allows for the integration of up to 100 radio components. For further useful information, please read the "easy add" article on page 20.

Basically, the WiPro III and WiPro III safe.lock are identical in design. A WiPro III is thus suitable for pretty much every common motorhome, with or without CAN bus. The addition "safe.lock" describes the possibility to control the vehicle's central locking system. The safe.lock option is available for an increasing number of vehicles.

It is completely up to you, whether you control your alarm system and your central locking with the original vehicle key, the radio hand-held transmitter or our THITRONIK® accessories. In combination with the Pro-finder or the networking module, the WiPro III safe.lock can be conveniently controlled via app while locking / unlocking your vehicle simultaneously. Functions like requesting the vehicle status or immobilising the vehicle* when it has been stolen are possible if the Pro-finder is installed. For further information, please refer to page 43 and 44. The NFC Modul with waterproof accessories such as KeyStrap, KeyTag or KeyCard is an additional option for keyless vehicle control. Using these, you can leave your vehicle key in your safe during your outdoor activities. For further information about the keyless options to control the central locking system, please refer to the pages 24, 40 and 50. In addition to these comfort functions THITRONIK® provides the option to protect the original vehicle key of Fiat Ducato and identical models (model year 2006 - 2018) against replay attacks by retrofitting a conversion board. For detailed information, please

read the article "Replay attacks" on page 22.

*Requires a shut-off device.

WiPro III at a glance

- Simple, intuitive handling
- Radio magnetic contacts without wiring
- No interference-prone motion detectors
- No need to deactivate sensors when there are people inside the vehicle
- Control of central control unit via vehicle radio key and radio hand-held transmitter
- Easy add 3.0: Subsequent pairing of additional radio accessories via radio hand-held transmitter or THITRONIK® app
- Panic alarm function
- Also suited for vehicles without CAN bus
- Approximately 2 years battery life for radio accessories
- Simple battery replacement
- Pairing of up to 100 wireless components possible
- Up to 75 metres radio range
- Copy-proof thanks to more than 4 billion codes
- Jamming transmitter recognition
- Remote alarm notification and tracking with Pro-finder (optional)



Radio



CAN bus



12 / 24V



102dB



easy add 3.0



safe.lock



Read more on p. 38



For all compatible vehicles, see thitronik.de/en

Technical data

Power supply	12V or 24V
Standby current consumption	approx. 11mA, 12V
Frequency	868.35MHz
Radio range	up to 75m (free field)
Internal piezo sound pressure	approx. 102dB
Dimensions (W×H×DT)	80×29×80mm
Weight of central control unit	90g
Housing protection rating	IP 40

Related accessories



Radio cable loop 868

Secures accessories on the rear carrier or in front of the motorhome.
Item no. 101068
Read more on p. 56.



Radio gas alarm device 868

Detects propane/butane gas and anaesthetic gases.
Item no. 100759
Read more on p. 60



G.A.S.-pro III

The premium gas alarm device for highest demands.
Art. No. 101286/101287 (CO)
Read more on p. 66.



Radio hand-held transmitter 868

Allows activating or deactivating the WiPro III.
Item no. 101064
Read more on p. 56.



Radio magnetic contact 868

For securing windows, roof bonnets, storage compartment flaps and body doors.
Item no. 100757
Read more on p. 54.

safe.lock conversion board

A safe.lock conversion board turns your outdated, insecure Fiat or Iveco key into a modern and absolutely tamper-proof vehicle key. Besides the circuit board, our safe.lock premium partners also replace the immobiliser transponder to make it possible to continue to use original vehicle key in the future. By the way, the number of radio keys to be programmed is not limited. These can be simply used as spare keys, as second keys in the vehicle or luggage, or even as keys for other family members.



Circuit board exchange

The conversion board makes it possible: Despite the new safe.lock technology, you can continue to use your original vehicle key. Our safe.lock Premium Partners open the original key, replace the insecure circuit board with a safe.lock conversion board, insert a new immobiliser transponder at the same time and teach in the converted vehicle key in on the WiPro III safe.lock. Done!

Product data

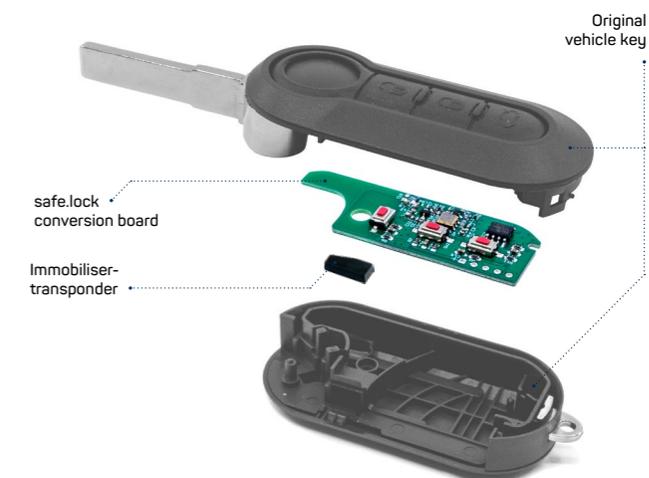
Power supply	1×CR2032 (3V)
Range	approx. 75m (in free field)
Transmitter frequency / power	868,35MHz / <10mW
Transmitter dimensions (W×H×D)	55×19×3.5mm

Item no. 101052

73.95€

Suitable for:

WiPro III
safe.lock



Original vehicle key

safe.lock conversion board

Immobiliser-transponder

Networking module

Comfortably operate all Pro-finder and WiPro III functions with your smartphone.

- BLUETOOTH® 
- CI bus 
- 12 / 24V 
- App control 

Bringing together what belongs together. THITRONIK offers you a sophisticated module for optimising the THITRONIK® safety system: The networking module. This module pairs the smartphone with the WiPro III alarm system via app and BLUETOOTH® in the vicinity of your motorhome. From now on, authorised users can conveniently arm or disarm the system at any time. Owners of a WiPro III safe.lock, which also accesses the existing central locking system, can unlock / lock the vehicle without a vehicle key or hand-held transmitter.

The networking module can also be integrated into an already installed Pro-finder tracking system. Furthermore, Thitronik offers the unique function of connecting the THITRONIK® safety system to your smartwatch via the networking module – on an absolutely secure, encrypted frequency. Using a special THITRONIK® app, it is then possible to arm / disarm the WiPro III safe.lock alarm system and lock / unlock the vehicle's central locking system by simply touching a button on the watch. So you don't need to carry a radio key or your smartphone with you during your outdoor activities, no matter if your going swimming, biking, hiking, climbing etc. Hence it is no longer necessary to try to hide your keys on the beach when you want to go for a swim or get on your surfboard.

The smartwatch also takes over the function of a radio key in the vehicle – for example, to lock your vehicle at night without getting up from bed. In case of an emergency, the panic alarm can also be triggered via the watch by pressing a button. For further applications and connecting with addi-

tional vehicle functions, the networking module is of course CI-bus-compatible.

The networking module at a glance

- Control (arming / disarming) of the WiPro III via BLUETOOTH®
- Control the central locking system via smartwatch and smartphone (only in conjunction with the WiPro III safe.lock)
- easy add 3.0 (update may be required)

Technical data

Power supply	12 / 24V DC
Power consumption	approx. 4mA
Radio connection	BLUETOOTH® 5.0 low energy
Range	approx. 10m (in free field)
Number of possible device connections	8
Temperature range	-20°C to +80°C
Dimensions (W x H x D)	52 x 25 x 56mm
Weight	approx. 72g
Interfaces	2x RJ10 (input for WiPro III (safe.lock) and Pro-finder)



Pro-finder



BLUETOOTH® networking module



WiPro III



Control via
 Bluetooth®
 Download on the App Store
 ANDROID APP ON Google play



GPS tracking

Pro-finder 2G / 3G / 4G (LTE)

Fast and precise vehicle tracking – this is exactly what the THITRONIK® Pro-finder makes possible. For this purpose, the Pro-finder uses GPS (Global Positioning System). In contrast to low-price systems, which often only use the mobile phone network for positioning, GPS guarantees reliable tracking worldwide and with almost complete coverage. If criminals steal the vehicle, no matter whether it is driven or on a trailer, the Pro-finder immediately notifies the vehicle owner as soon as the vehicle leaves a radius of 900 metres around the last location. Once the alarm has been output, the Pro-finder goes into a kind of watchful sleep mode. It remains active, but cannot be located by special scanners. Because the Pro-finder is certainly not easy to find: THITRONIK® partners are instructed to install it as hidden and inaccessible in the vehicle as possible. If desired, the position data can be sent to up to 10 mobile phones and then be displayed in Google Maps. The data are so accurate that they will give you the exact address in more densely populated areas. If, in an exceptional case, the available satellites are not sufficient to determine a clear location, the Pro-finder sends the coordinates of the last clearly determined position.

If desired, the owner can also have status messages and position data sent at set intervals or be informed about the current speed.

Combining the Pro-with the WiPro III creates a complex, powerful alarm system.

If the WiPro III detects an attempted break-in or receives the message "gas alarm", the Pro-finder immediately sends an SMS with the corresponding message.

Even if a person in the vehicle manually activates a panic alarm, a warning message is sent to the registered mobile phone. A huge safety advantage.

But there is one scenario where even the WiPro III is powerless. If the vehicle is loaded on a trailer without attempted break-in, it will not recognize an emergency. But the system is even equipped

*Requires 2G / 3G network coverage

for this: When the vehicle is locked with radio key, the WiPro III automatically activates the Pro-finder geofencing function. The Pro-finder outputs an alarm message as soon as the vehicle leaves the 900-metre radius. A clever plan B.

Pro-finder at a glance

- Can also be used without alarm system
- Status report can be requested via app.
- Receive alarm messages via SMS/call
- Track stolen vehicle
- Remote control of alarm system via app/SMS
- Easy teach-in process for radio accessories via easy add 3.0
- Automatic geofencing (virtual fence) through WiPro
- Functions worldwide*
- No portal cost
- SIM card must support SMS, phone calls and mobile Data
- SMS costs only arise in case of emergency
- 2 connectible transistor outputs
- Integrated GPS receiver and GSM antenna
- Easy installation
- Power monitoring
- Special caravan mode

Technical data

Power supply	12 / 24V DC
Power consumption during transmission	approx. 37mA
Power consumption standby	approx. 16–21mA
Transmission frequency	2G / 3G
Number of destination numbers	up to 10
Interface	RJ10 (input for WiPro)
Outputs	2 open collectors (max. 0.5A)
Temperature range	-10°C to +80°C
Dimensions (W × H × D)	125 × 27 × 135mm
Weight	approx. 129g

- GPS
- 2G / 3G / 4G(LTE)
- 12 / 24V
- easy add 3.0
- App control
- Vehicle tracking
- Geofencing
- Remote vehicle immobilisation (Kill function)

Sophisticated caravan mode

Caravans parked at unsecured sites are easy targets for thieves. If thieves couple the caravan to a vehicle, the on-board Pro-finder immediately begins sending its position to the owner's mobile phone at short, selectable intervals. Completely inconspicuously. The recovery operation can be started.

Related accessories

Shut-off device

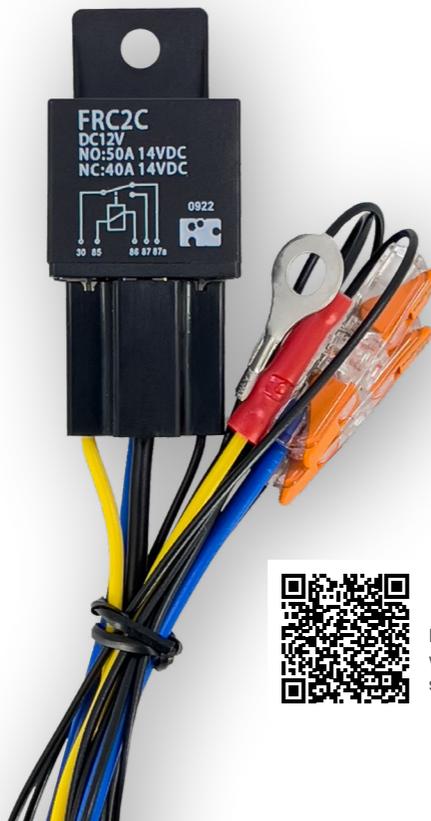
Let's assume the worst case scenario: Your motorhome has been stolen. Determined criminals, unfazed by the alarm, have forced their way into your vehicle – and are now driving away with it. There is a risk of a total loss. What now?

Ideally, your motorhome should be located and recovered as quickly as possible. Time is running out. Because with every mile the thieves put between you and your vehicle, the chances of you ever seeing it again decrease. At the same time, the probability of damage or loss of the equipment and accessories increases.

If you have a Pro-finder installed, you have reason to be more optimistic. Thanks to continuous GPS tracking, it can optimally track your vehicle's location and share this information with the police. If you have combined the Pro-finder with a shut-off device, you have another, highly effective tool available: it can shut down, or immobilise, your vehicle.

How? The Pro-finder has a switchable output. This output can be connected to a shut-off device. This

relay is looped into the vehicle's ignition circuit. If you now send the command 'kill' to the Pro-finder, it will wait until the vehicle has reached a standstill, i.e. the GPS measurement has not recorded any speed, for at least 5 seconds. The Pro-finder will then switch the output to 12V. The operating current closes the relay. The motor switches off – your motorhome can no longer move on its own. The police can recover it much more easily.



Product data

Power supply	12V DC
Switching current	40A
Temperature range	-20°C to +80°C
Dimensions (W x H x D)	28 x 64 x 32mm
Weight	approx. 60g

Item no. 101283 **29.41€**



For all compatible vehicles, refer to www.thitronik.de/en/products/product/shut-off-device/



External GSM antenna

Particularly in areas with weak reception, an external GSM antenna offers a much better and reliable mobile phone connection. To be able to use it, simply remove the rod antenna from the Pro-finder and screw on the GSM antenna. This takes no time at all. The adhesive-backed small round antenna can be mounted at any suitable location.

Product data

Gain	2.1dBi
Dimensions (ø x T)	56 x 10mm
Weight	approx. 60g

Item no. 100700 **55.46€**

GPS-pro

In a few vehicles, the reception of the Pro-finder's internal GPS antenna is not sufficient. This is the case, for example, if the Pro-finder is mounted behind metal components. For such installation scenarios, THITRONIK® offers the GPS-pro, an external GPS antenna which guarantees excellent reception of the GPS signal. With a self-adhesive housing and a two metres of cable, installation is flexible and fast.

Product data

Power supply	12V DC (via Pro-finder)
Power consumption (scanning)	approx. 24mA (when scanning)
Temperature range	-20°C to +80°C
Dimensions (W x H x D)	67 x 35 x 15mm
Weight	approx. 20g

Item no. 100686 **108.40 €**





Alarm control unit

WiPro [easy]

A radio alarm system for do-it-yourself installers & caravan owners

The WiPro easy is the ideal alarm system for caravan owners and DIY enthusiasts. The compact alarm system is easy to install and offers the proven THITRONIK® security standard. The scope of supply includes a radio hand-held transmitter which allows you to arm and disarm the alarm system, as well as one radio magnetic contact. In addition, the system can be enhanced with up to 8 further radio components. The 105dB siren scares off any intruder and the panic alarm function provides additional security.

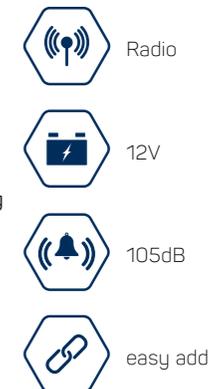
The WiPro easy can be enhanced in a modular way and thus adapts to your security needs. Thanks to the extensive range of wireless accessories, the alarm system fully meets every security requirement. It doesn't matter whether your vehicle is the most modern in its class or a beloved vintage vehicle: the inputs of the alarm system allow it to be used in all base vehicles, regardless of manufacturer or age.

The WiPro easy radio alarm system offers you reliable protection for your vehicle – and is easy and intuitive to operate. Modern radio magnetic contacts adapt to different window frame models and safeguard the vehicle shell. This way, false alarms are avoided.

The WiPro easy monitors the shell of your vehicle, not the interior. In case of danger, it reacts faster and more reliably than systems based on motion detectors, which is why you can also activate the system while you are inside the vehicle. Hence you can safeguard what matters most: Your fellow travellers and yourself.

WiPro easy at a glance

- Simple, intuitive handling
- Radio magnetic contacts without wiring
- No fault-prone motion detectors
- Vent check easy: Optical warning when windows or roof hatches are still open.
- Staying in the vehicle is possible without deactivating the sensors
- Control of the central unit via the supplied radio hand-held transmitter
- Easy add: Subsequent coupling of radio accessories
- Panic alarm function
- Suitable for vehicles without CAN bus
- Approximately 2 years battery lifetime for radio accessories
- Simple battery replacement
- Pairing of up to 10 wireless components possible
- Up to 75 metres radio range
- Copy-proof thanks to more than 4 billion codes
- Jamming transmitter recognition



Technical data

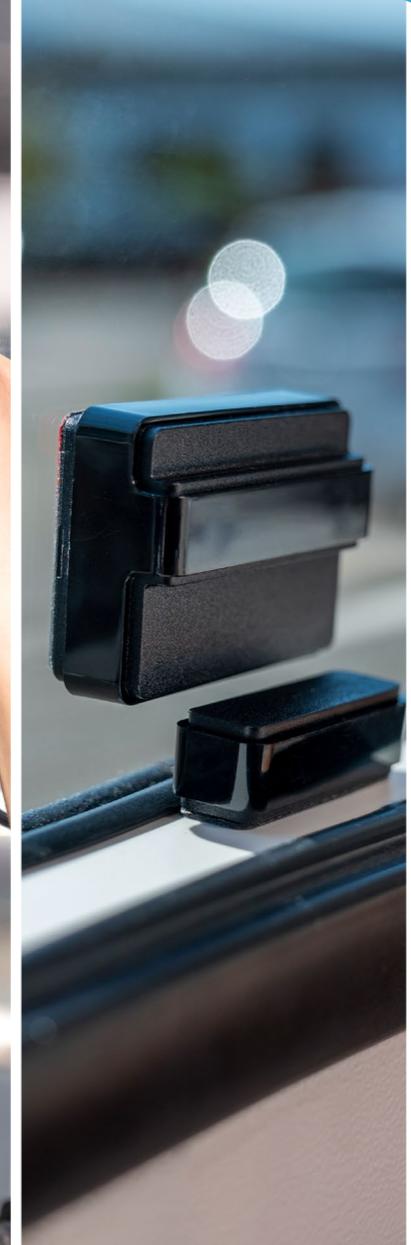
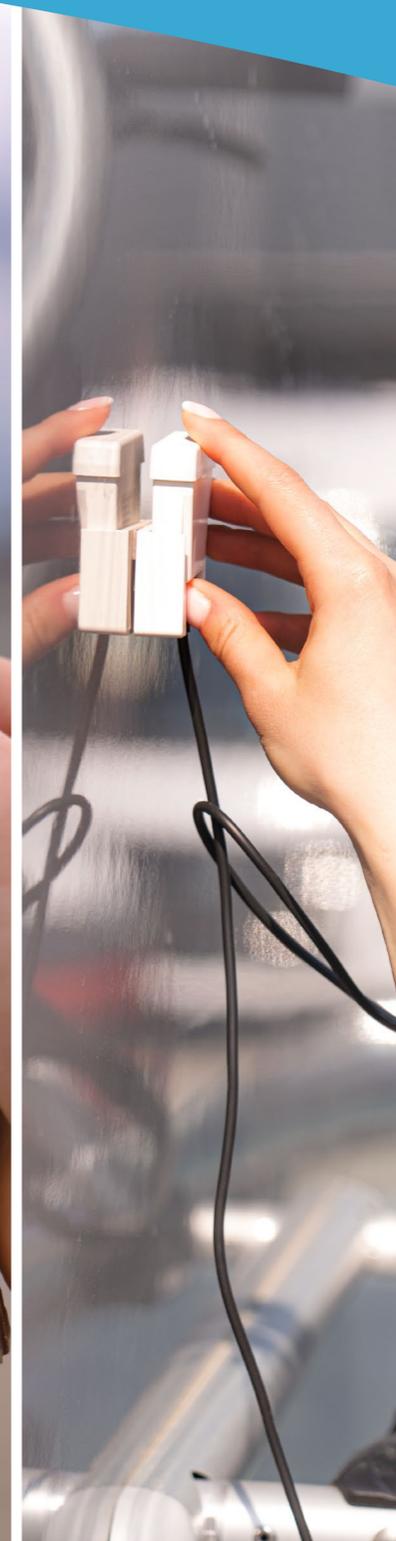
Power supply	control unit & siren 12V
Power consumption	control unit approx. 6mA
Frequency	868.35MHz
Temperature range	control unit -20°C to +80°C
Radio range (free field)	up to 75m
Volume	siren 105dB
Weight	0.177kg
Housing protection rating	IP 40
Dimensions	55 × 28 × 56mm



You can also use the THITRONIK® Configurator to compile your own individual system. Simply scan the QR code and get started.

Accessories

Optimised security



NFC Modul

The keyless way to control your motorhome

NFC Modul combines the convenience of keyless access with the proven THITRONIK® security standard.

The NFC module mounted from the inside to the vehicle window as a virtual key, is the perfect control solution for your WiPro III, WiPro III safe.lock and WiPro easy alarm system. Conveniently arm and disarm your alarm system with the enclosed transponder card or with the sturdy, waterproof accessories, such as a wristband, key fob or compatible credit card. Up to 14 transponders can be taught to the NFC module.

WiPro III safe.lock owners can also access their central locking system and keylessly lock and unlock their

vehicle. The NFC Modul can be retrofitted as an accessory at any time.

Proven THITRONIK® security standard

The THITRONIK® NFC Modul uses DESFire® technology, which is based on the international standard ISO 14443 and offers 128-bit encryption and copy protection. DESfire cards offer a high level of security against physical manipulation. Thanks to these features, the MIFARE® DESfire® technology is an excellent choice for applications that require a high level of security.

Product data

Communication	Near Field Communication MIFARE DESFire® ISO 14443-A (13.56MHz)
Power supply	3 × Alkaline (LR03) AAA Power 3 × 1.5V = 4.5V
Radio range	communication with the WiPro control unit – up to 75m
Temperature range	Radio frequency: 868.35MHz -10°C to +70°C
Dimensions (ø × D)	89 × 19.5mm
Weight	100g

Item no. 105299

140.34€

Suitable for:

WiPro III
safe.lock

WiPro III

WiPro easy



The scope of supply
comprises one THITRONIK® KeyCard

THITRONIK® KeyCard 105300 **15.97€**



THITRONIK® KeyCard

Use the provided key card to get started right away. The THITRONIK® KeyCard, in credit card format, easily fits into any wallet. In addition to the supplied card, up to 13 more can be programmed.

Opens up new possibilities

✓ EASY INSTALLATION

Simply attach the THITRONIK® NFC Modul to a suitable window near your entrance door

✓ KEYLESS FREEDOM

The THITRONIK® NFC Modul combines convenience with proven THITRONIK® security standards

✓ SECURE TECHNOLOGY

MIFARE DESfire® technology – an excellent choice for applications that require a high level of security

✓ CONTROL OF CENTRAL LOCKING SYSTEM

In combination with a THITRONIK® WiPro III safe.lock alarm system

✓ EASY TEACH-IN PROCESS

Easy teach-in process thanks to easy add 3.0

✓ SMART ACCESSORIES

THITRONIK® KeyStrap and THITRONIK® KeyTag – waterproof and practical, especially for sports and outdoor activities

KeyStrap

Perfect for all kinds of water activities

You, your board and the waves – and where to put your keys? The THITRONIK® KeyStrap accompanies you during your water sports activities.

Unhappy with a conventional key safe?

Are you a windsurfer, kiter or into other water sports activities? Then you surely know the endless discussion about which key safe is the best, just to find out at the end of the day that none of them meets your expectations. But there's an end to it. The solution: The THITRONIK® KeyStrap in combination with the NFC Modul. Enjoy comfort and easy access to your vehicle's central locking system. Lock and unlock it in no time*. The perfect match for carefree adventures.

Practical and safe

The high-quality silicone bracelet has been specially developed for your needs. Thanks to the secure sealing, the NFC chip inside the bracelet is well protected from damage and offers you always reliable access to your vehicle*. The communication between THITRONIK® KeyStrap and THITRONIK® NFC Modul is encrypted with a security code based on MIFARE DESFire ev2 technology. This way, we ensure maximum security.

Please note that the THITRONIK® KeyStrap is suitable for single-walled windows or windowpanes with a maximum thickness of 15mm. In order to the best fit possible, the bracelet is available in two wrist sizes: 216mm (size M) or 232mm (size L).

*Requires WiPro III safe.lock alarm system with access to the central locking system



All available colours can be found on www.thitronik.de/en/products/product/keystrap/



Product data

Communication	Near Field Communication MIFARE DESFire® (13.56MHz)
Radio range	max. 15mm
Dimensions (ø × D)	Size M (L × W × H) 231.5 × 20 × 6.5mm Size L (L × W × H) 250 × 20 × 6.5mm
Weight	18g

Item no. 105302

21.01€

Suitable for:

NFC Modul

KeyTag

Minimum format, maximum safety

The perfect companion for unforgettable summer nights. Control your WiPro alarm system with the rugged and waterproof NFC pendant.

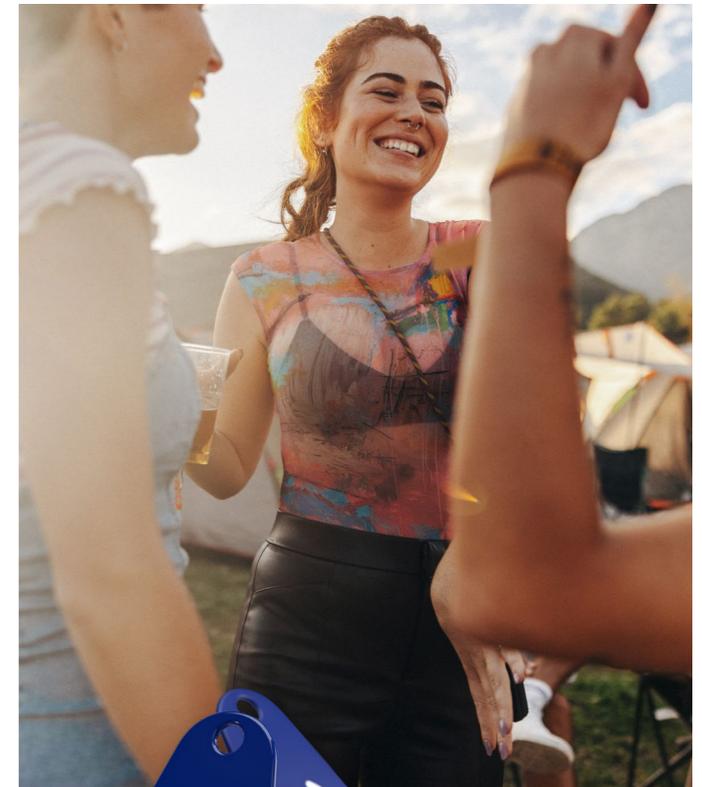
You feel like dancing all night?

You love to go to festivals and just relax? Enjoy every moment without worrying about your vehicle key. The small and inconspicuous KeyTag from THITRONIK® fits discreetly into your festival outfit. Simply attach it to your necklace, chest pouch or pants and enter the fray.

Security

With the THITRONIK® KeyTag, your security is guaranteed. Thanks to the proven MIFARE DESFire ev2 technology, encrypted communication takes place via the THITRONIK® NFC Modul and your WiPro III control unit. The KeyTag is taught to the NFC Modul in just a few steps as an additional accessory and offers you reliable access to your vehicle*. So you can concentrate on the essentials: Enjoying your festival trip to the fullest.

*Requires WiPro III safe.lock alarm system with access to the central locking system



Product data

Communication	Near Field Communication MIFARE DESFire® (13.56MHz)
Radio range	max. 20 mm
Dimensions (ø × D)	(L × W × H) 45 × 30 × 4mm
Weight	4.5g

Item no. 105301

21.01€

Suitable for:

NFC Modul

Radio magnetic contact 868

You have already read the article about "Anti-Jamming" (see p. 15) ? Then you are already well informed about the unique performance of our radio magnetic contacts.

Did you miss the chapter? Then we would like to inform you here about one of the most inconspicuous and yet most important players in our THITRONIK® safety team.

In short: The market is flooded with an almost unmanageable number of radio magnetic contacts in all kinds of safety systems. Most of these contacts have one thing in common: They are produced in the Far East and are not capable of warding off tampering. Placing a second magnet or a jammer near to the contact will suffice to outwit these magnetic contacts (see p. 15). THITRONIK® radio magnetic contacts are immune to this kind of attempted manipulation, they recognise them and immediately trigger an alarm.

For installation on light-coloured body doors or storage compartment flaps, we recommend our

white contacts; on darker windows, the black contacts almost melt with their surrounding.

Incidentally, THITRONIK® radio magnetic contacts do not transmit permanently – they only transmit when activated. So there is no need to worry about electro-smog. And this is also why the small CR2032 standard button cell can easily achieve a lifetime of up to two years. And long before a low battery level, the contact sends a signal to the control unit, which then prompts the owner to replace the battery.

You wonder what the 868 suffix means? It simply designates the modern and secure frequency band of THITRONIK® radio magnetic contacts. Cheap products often still use the completely outdated 433Mhz standard frequency. This frequency is extremely interference-prone and, furthermore, completely overloaded. Hence it should no longer be used in alarm systems.

Product data

Power supply	1× CR2032 (3V)
Range	approx. 75m (in free field)
Transmission freq. / power	868.35MHz / <10mW
Dimensions (W x H x D) (transmitter)	44 x 34 x 15mm
Weight	11 x 35 x 11mm (magnet) approx. 33g

Black | Item no. 100757

White | Item no. 100758

57.98€ each

Suitable for:

WiPro III
safe.lock

WiPro III

WiPro easy



Radio magnetic contacts are optionally available in white or black.

Radio hand-held transmitter 868

Do you know this scenario? You are stretched out on the rear bed in the evening and wonder if all doors are closed and the alarm is active? The vehicle key is placed far away in the front on its reserved place. Now you have to get up again and march to the front. How annoying!

Alternatively: Take the THITRONIK® radio hand-held transmitter. Assign it an own permanent place wherever you want. You can now lock or open the vehicle any time or, in case of emergency, if you feel threatened, trigger the panic alarm to draw attention to yourself.

But there are many more commonplace and un-spectacular situations where you can use a radio hand-held transmitter. For example, if you want to allow another family member to access the vehicle, or simply if you want a spare key.

In addition, Thitronik has been offering you an enhancement to the THITRONIK® App since 2021. This allows you to use the full functionality of a hand-held transmitter using your smartwatch. For further information refer to page 24.



Product data

Power supply	1 x CR2032 (3V)
Range (free field)	approx. 75m
Transmission freq. / power	868.35MHz / <10mW
Dimensions (W x H x D)	67 x 35 x 15mm
Weight	approx. 20g

Radio hand-held transmitter loud / silent
Item no. 101064 **57.98€**



Radio hand-held transmitter 868
loud / silent, suitable for:

WiPro III
safe.lock

WiPro III

WiPro easy

Radio cable loop 868

Small part, huge benefit: The THITRONIK® radio cable loop is installed in no time and is easily integrated into the alarm system. When not in use, you can leave the cable loops in the storage compartment; and when you need them again, you can take them out to secure your accessories outside the vehicle – or in the rear garage. Just snap the transmitter unit (slider) into the holder – and you're done.

Sneak thieves who take their chances to steal something will be scared off by the alarm. And even if snatchers succeed in picking the huge lock you secured your expensive e-bike with – as soon as they tamper with the cable loop, the alarm sounds and gives you the chance to react. The radio cable loop is available with a cable length of 2.5m and in an XL version with a cable length of 5m.

Between you and me: We at Thitronik consider the cable loop to be one of the most valuable accessories in our safety system.

Suitable for:

WiPro III
safe.lock

WiPro III

WiPro easy

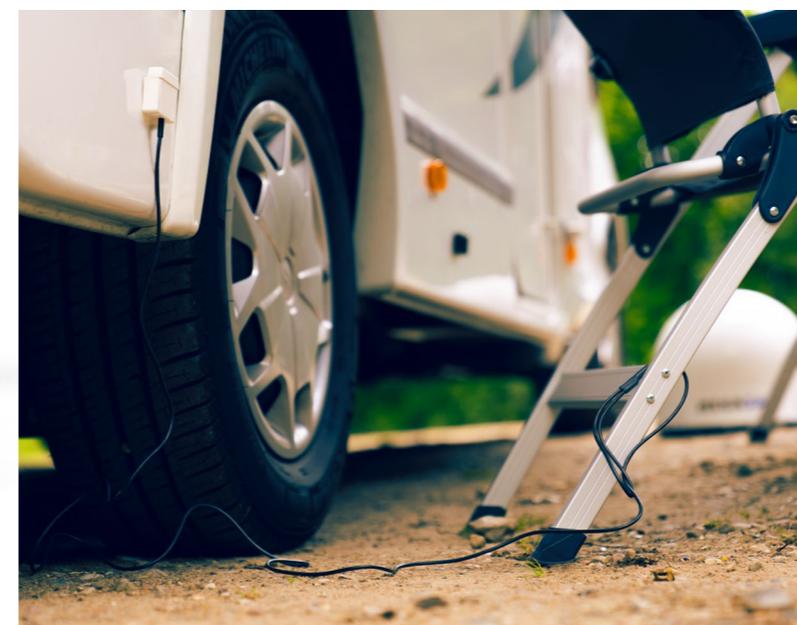


With a holder and bracket in white, the radio cable loop 868 can be discreetly placed on the rear or the side of a white vehicle.

Product data

Power supply	1 x CR2032 (3V)
Range (free field)	approx. 75m
Transmission freq. / power	868.35MHz / <10mW
Dimensions (W x H x D)	50 x 46 x 18mm
Weight	approx. 77g

White Item no. 100761	
Black Item no. 101068	76.47€ each
White XL Item no. 100944	
Black XL Item no. 101074	81.51€ each



Radio gas alarm device 868

The radio gas alarm device 868 supplements and optimises WiPro III (safe.lock) alarm systems. It detects even the smallest amounts of propane / butane or anaesthetic gases and thereby raises the safety standard in the vehicle to an entirely new level.

Through its connection to the on-board electrical system, it is permanently operational – with no battery replacement necessary. In order to go without the minimum current consumption of <70mA (for example, in winter storage), you can simply switch off the gas alarm on the device housing.

After the radio gas alarm has been wired to the on-board electrical system, it still needs to be taught-in on the central control unit. With the new THITRONIK® App, this is a snap. Customers not using the app are guided by our easy-to-understand operating instructions.

Product data

Power supply	12 / 24V DC
Current consumption	approx. 70mA
Sensitivity	50ppm
Range (free space)	approx. 75m
Transmission freq. / power:	868.35MHz / <10mW
Dimensions (W×H×D)	38×100×27mm
Weight	approx. 60g

Black | Item no. 100759

105.04€

Suitable for:

WiPro III
safe.lock

WiPro III



Illustration in original size



Radio gas alarm device 868:

The THITRONIK® radio gas alarm device does not need to be wired to the central control unit. The connection is established simply and comfortably via radio. The sensor sends a signal to the central control unit – which activates the alarm. The radio gas alarm device 868 can be combined with WiPro III and WiPro III safe.lock. Requires power from on-board electrical system.

Backup siren / additional siren

THITRONIK® offers two different sirens: An additional siren without and back-up sirens with integrated power supply. The latter are rarely used in the Ducato, but in vehicles with a starter battery in the engine compartment (such as Mercedes Sprinter), where the power supply could be interrupted by the burglar and where the horn cannot be addressed by the WiPro III. This is exactly the case if the horn does not work when the ignition is switched off. Caravan owners with G.A.S.-pro, but without an autonomous power supply, also benefit from a backup siren. Thanks to its integrated battery, this siren is considerably louder than the one integrated in the G.A.S.-pro, and the battery is charged by the car when driving.

The backup siren can increase the volume of all alarm systems whose power supply is guaranteed by an on-board power supply – for example, when the G.A.S.-pro is installed in a motorhome or caravan (autonomous power package).

Backup siren



Suitable for:

WiPro III

WiPro III safe.lock

WiPro easy

G.A.S.-pro III

G.A.S.-pro

Product data

Power supply 12V DC
 Current consumption approx. 700mA in case of alarm
 Sound pressure approx. 105dB
 Weight approx. 250g

Backup siren | Item no. 100089 **41.18€**
 Additional siren | Item no. 100190 **32.77€**

Additional siren



Suitable for:

WiPro III

WiPro III safe.lock

G.A.S.-pro III

G.A.S.-pro

Mounting adapters

Do you want to have radio magnetic contacts safeguard doors or hatches of the rear garage? Then you should definitely think of providing for mounting adapters. They guarantee reliable fastening and alignment of contacts, even with larger distances.



Product data

Dimensions (L×W×H) 40×30×15mm
 Weight approx. 45g

White (set of 2) | Item no. 100428
 Black (set of 2) | Item no. 100729 **14.29€ each**

The mounting adapters are available in white or black



Minimise risks ...
**Gas detection
systems**





G.A.S.-pro III

The premium gas warning device for highest demands

As we all know, better is the enemy of good – hence more powerful new developments make many a tried and tested product look weak. This does not prevent us at Thitronik from constantly rethinking our products, optimising them and adding new functions.

One of our latest products, the G.A.S.-pro III, rounds off our range in the exclusive high-end segment alongside the current G.A.S.-pro. It can do everything the standard G.A.S.-pro can do, but in an improved manner in many respects.

The G.A.S.-pro III is even available in two basic setups: as our well-known variant with integrated liquid gas and anaesthetic gas sensor and one variant with integrated CO sensor. Both versions can be combined with an additional gas or CO sensor respectively.

Apart from that, the G.A.S.-pro III itself is a technical quantum leap: Its current consumption with integrated liquid gas/anaesthetic gas sensor, for example, drops to a minimum of 26mA, with integrated CO gas sensor to a as little as 9mA.

The integrated siren mounts up to a piercing 94dB, and an integrated humidity sensor optimises the already precise measurement in case of high humidity in the vehicle or breathing air in direct proximity to the sensor. In addition, an alcohol filter (liquid gas / KO gas sensor) eliminates false alarms caused by alcohol in the air (for example during cooking).

Last but not least: Thanks to the integrated radio unit, the new G.A.S.-pro III does not have to be connected to the control centre, but only to the vehicle's electrical system. Finally, connect it to the control unit via easy add function. Done.

G.A.S.-pro III at a glance

- Gas detection in accordance with DIN EN 50194-2
- Gas detection in accordance with DIN EN 50291-2 (CO version)
- CI bus support
- Detects propane and butane, anaesthetic gases or carbon monoxide (depending on equipment)
- continuous temperature compensation
- regular self-test for determining functionality
- alarm output/siren output
- auto-sense input
- alcohol filter function
- Buttons for Pause and ON/OFF
- LED indicators for both sensors



12 / 24V



Carbon monoxide



Butane gas



Propane gas



KO / anaesthetic gases



94dB



Radio

Technical data

Power supply	12 / 24V DC
Power consumption	9mA (CO) 26mA (liquid/KO gas)
Sensor inputs	1× internal, 1× external
Sensitivity	50ppm (CO) 700ppm (butane)
Sound pressure	94dB (internal siren)
Temperature range	-20°C to +60°C
Dimensions (W×H×D)	61×97×35mm
Weight	approx. 74g



gas detection system

G.A.S.-pro

The THITRONIK® G.A.S.-pro is basically designed as an autonomous modular gas warning system. Once the system is connected to the on-board power supply and the included gas sensor (propane/butane, anaesthetic gases) is installed, this highly effective gas warning system with integrated 85dB siren is ready for use. If desired, another sensor for anaesthetic gases, propane and butane plus a CO sensor (third slot) can be connected any time.

Like all gas detectors in the THITRONIK® range, the G.A.S.-pro has attractive features: For example, the system checks completely independently whether all activated sensors are functional and immediately informs in the event of a defect. Manual tests by the vehicle owner, like other products on the market require, are therefore not necessary.

In parallel, the system permanently readjusts the sensitivity of its sensors according to the current temperature in the vehicle. This way, G.A.S.-pro guarantees the best possible detection of any emergency at all times and also prevents annoying false alarms.

But the G.A.S.-pro can do much more. The control panel can easily cooperate with the powerful WiPro III/WiPro III safe.lock alarm system from THITRONIK® – all it takes is a two-wire cable to connect the two units. Now the G.A.S.-pro can access the siren of the alarm control unit, and the alarm incident is also visually indicated by hazard warning lights.

Ideally, the WiPro III safe.lock and the THITRONIK® Pro-finder tracking system are already connected. In that case, any alarm triggered by the gas detection system would be sent to up to 10 mobile phones by the Pro-finder's transmitting unit.

As you can see: The modular system from THITRONIK® leaves little to be desired. And if there's still something we haven't covered yet – let us know.

G.A.S.-pro at a glance

- Detects propane and butane
- Detects anaesthetic gases
- Detects carbon monoxide (optional; see next page)
- Provides three sensor inputs
- Continuous temperature compensation
- Regular self-test for determining functionality
- Alarm output (volt-free relay)
- Siren output
- Auto-sense inputs



12 / 24V



Carbon monoxide



Butane gas



Propane gas



KO / anaesthetic gases



85dB

Technical data

Power supply	12 / 24V DC
Power consumption	approx. 80mA per sensor
Sensor inputs	3
Sensitivity	from 50ppm
Sound pressure	approx. 85dB (int. beeper) approx. 105dB (optional siren)
Temperature range	-20°C to +80°C
Dimensions (W×H×D)	100×90×40mm
Weight	approx. 140g

Related accessories

Additional sensors for G.A.S.-pro and G.A.S.-pro III

The interior of your motorhome or caravan is longer than >6.5m or the living areas are separated with doors? In these cases we recommend installing an additional gas sensor.

This way, escaping propane / butane gas or anaesthetic gases can be detected much more quickly; the central control unit would trigger the alarm long before a critical gas concentration arises.

You can connect up to three sensors to the G.A.S.-pro. Besides the integrated sensor the G.A.S.-pro III has an input for another sensor (additional or CO sensor).

Product data

Power consumption	approx. 80mA
Weight	approx. 50g
Detected gases	Propane, butane, anaesthetic gases

For G.A.S.-pro
Item no. 100456
For G.A.S.-pro III
Item no. 101289

54.62€ each



Additional sensor for G.A.S.-pro III

Additional sensor for G.A.S.-pro

CO sensor for G.A.S.-pro and G.A.S.-pro III

No vehicle should go without a CO sensor – it warns of the odourless but life-threatening carbon monoxide. Installation is as easy as could be: Attach the sensor close to the ceiling of the vehicle, route the cable to the G.A.S.-pro or G.A.S.-pro III and connect it there – and you're done.

Product data

Power consumption	approx. 21mA
Weight	approx. 80g
Detected gases	Carbon monoxide (CO)

Item no. 100433 **83.19€**



Universal gas warning system

GBA-I

It is extremely effective, compact and versatile and has an integrated siren. The THITRONIK® GBA-I detects camping and anaesthetic gases. It can, but does not have to be permanently installed and it can, but does not have to be permanently connected to the 12-volt vehicle electrical system. Feeling a bit confused?

In short: The GBA-I has slotted holes on the back which allow it to be quickly placed on screw heads on a vehicle wall. Simply push in place and the GBA-I is ready for use. It can be removed just as quickly or placed at another location. Now you can connect it either to the 12-volt on-board power supply or the vehicle's cigarette lighter (socket) using a connection cable. As a third power supply option, THITRONIK® offers a 230-volt power supply unit to operate the GBA-I directly from the mains – an advantage for permanent campers.

This should clear up the confusion: The GBA-I is ideal for campers who have a clear idea of how a gas detector can be used flexibly in several locations.

Of course, the GBA-I also has an effective temperature compensation and the essential sensor self-test, which ensures that it is 100 percent functional or warns in the event of a defect, however unlikely.

GBA-I at a glance

- Detects anaesthetic gases, propane and butane
- Continuous sensor self-test
- Temperature compensation
- Internal siren
- E1 type approval
- With optional 230V power supply unit – ideal for long-term campers or home use

Technical data

Power supply	12 / 24V DC
Power consumption	approx. 70mA
Sensitivity	from 50ppm
Sound pressure	approx. 85dB
Temperature range	-20 to +80°C
Dimensions (W×H×D)	38×100×27mm
Weight	approx. 60g



12 / 24V



Butane gas



Propane gas



KO / anaesthetic gases



GBA-I gas warning system:

This alarm system with integrated siren does not require a connection to C.A.S. II / III, WiPro III or WiPro III safe.lock. It is mounted on the wall, the power is supplied by the vehicle's electrical system or alternatively a car adapter or mains adapter.



A gas warning system to-go

G.A.S.-plug

There are many arguments in favour of the THITRONIK® G.A.S.- plug 'all in one' gas warning system. A decisive factor often is: it can be set up in no time. Simply plug it into a vehicle socket and you're done. However, since the G.A.S.-plug detects propane/butane and harmful anaesthetic gases, it should be placed as close to the bottom in the vehicle as possible. And what is especially important: The socket has to be supplied with power at all times, not only when the ignition is on.

Despite the lightning-fast installation of the G.A.S.-plug, customers do not have to do without any of the comfort features of our permanently installed alarms: a warning siren and automatic temperature compensation are included. Depending on the temperature in the vehicle, it completely independently and automatically adjusts its sensitivity at regular short intervals and thus prevents annoying and unnecessary false alarms. In critical situations it is of course always 'wide awake' and activates the alarm to protect the vehicle occupants long before a dangerous gas concentration is reached.

The G.A.S.-plug can easily monitor vehicles with interiors up to 6.5 metres long. Does a door separate the sleeping area from the remaining space? Then you should have it monitored by another permanently installed THITRONIK® gas sensor.

G.A.S. plug at a glance

- Detects anaesthetic gases, propane and butane
- Continuous sensor self-test
- Temperature compensation
- No installation required
- Integrated siren

Technical data

Power supply	12 / 24V DC
Power consumption	approx. 70mA
Sensitivity	from 50ppm
Sound pressure	approx. 85dB
Temperature range	-20 to +80°C
Dimensions (W×H×D)	24×30×116mm
Weight	approx. 50g



12 / 24V



Butane gas



Propane gas



KO / anaesthetic gases



G.A.S.-plug "all-in-one":

The G.A.S.-plug is a completely autonomous gas warning system. It fits every vehicle socket and is equipped with its own siren. Ready for use in no time. Plug in, wait for four minutes – done. Thus requires neither integration into the on-board electrical system nor connection to the WiPro III alarm system or C.A.S. II / III.

G.A.S.-pro

Comes with:

- Central control unit
- Sensor for anaesthetic gases, propane and butane
- Manual, mounting material
- Alarm sticker

Item no. 100001

133.61€



G.A.S.-pro III

Comes with:

- G.A.S.-pro III central control unit with integrated siren
- Integrated sensor for propane, butane and anaesthetic gases
- Manual, mounting material
- Alarm sticker

Item no. 101286

234.45€



G.A.S.-pro III CO

Comes with:

- G.A.S.-pro III CO central control unit with integrated siren
- Integrated sensor for carbon monoxide
- Manual, mounting material
- Alarm sticker

Item no. 101287

234.45€



WiPro easy

Comes with:

- WiPro easy control unit
- Radio hand-held transmitter 868 audible/mute(loud / silent)
- Radio magnetic contact 868 black
- Integrated siren

Item no. 105237

- Wiring harness
- Mounting material
- Quick guide



251.26€

WiPro III

Comes with:

- WiPro III central control unit with integrated siren
- Radio hand-held transmitter 868 (audible/mute)
- Radio magnetic contact 868 black
- Status LED
- Connection cable
- Quick guide, mounting material
- Alarm sticker

for Ford Transit as of 2006+

Item no. 100752

360.50€

for Mercedes-Benz Sprinter as of 2006+, Mercedes-Benz Vito as of 2014+, VW Crafter as of 2006+, MAN TGE as of 2017+

Item no. 100753

402.52€

for VW T5 2003 – 2015, VW T6 as of 2015+, Renault Master as of 2003+ and vehicles without CAN bus and other models

item no. 100754

360.50€



WiPro III safe.lock

Comes with:

- WiPro III safe.lock control unit with integrated siren
- Radio hand-held transmitter 868 (loud / silent)
- Radio magnetic contact 868 black
- Status LED
- Connection cable
- Quick guide, mounting material
- Alarm sticker

For Fiat Ducato, Citroen Jumper, Peugeot Boxer, Iveco Daily as of 2006, Opel Movano 2021+

Item no. 101050

402.52€

For Ford Transit as of 2019 (selectable and deactivatable switch lock in the vehicle)

Item no. 105298

402.52€

Mercedes Sprinter VS30, MAN TGE, VW Crafter II, VW T6.1

item no. 105458

402.52€



G.A.S.-plug "all-in-one"

Comes with:

- G.A.S. plug "all-in-one"
- Manual
- Alarm sticker

Item no. 100042

81.51€



GBA-I

Comes with:

- GBA-I
- Connection cable 12 / 24V
- Manual, mounting material
- Alarm sticker

Item no. 100061

91.60€



Shut-off device

Item no. 101283

29.41€



NFC Modul

Comes with:

- NFC Modul + KeyCard
- Quick guide
- 3 x Alkaline (LR03) AAA batteries

Item no. 105299

140.34€

KeyCard Item no. 105300

15.97€

KeyTag Item no. 105301

15.97€

KeyStrap* Item no. 105302

21.01€

* For additional colours and sizes, visit thitronik.de/en



Radio magnetic contact 868

Black | Item no. 100757

White | Item no.: 100758

57.98€ each



Radio hand-held transmitter 868 (audible/mute)

Item no.: 101064

57.98€



safe.lock conversion board

for Fiat Ducato and identical models (without immobiliser transponder)

Conversion board | Item no.: 101052

73.95€



BLUETOOTH® networking module

Item no.: 101290

108,40€



Radio cable loop 868

Black | Item no. 101068

White | Item no.: 100761

Black XL | Item no.: 101074

White XL | Item no.: 100944

76.47€ each

81.51€ each



Mounting adapter (set of 2)

Black | Item no.: 100428

White | item no.: 100729

14.29€ each



Backup siren

Item no.: 100089

41.18€



Additional siren

Item no.: 100190

32.77€



Radio gas alarm device 868

Item no.: 100759

105.04€



External GSM antenna

Item no.: 100700

55.46€



GPS-pro

Item no.: 100686

108.40€



Additional sensors for G.A.S.-pro & G.A.S.-pro III

Item no.: 100456 (for G.A.S.-pro)

Item no.: 101289 (for G.A.S.-pro III)

54.62€ each



CO sensor for G.A.S.-pro

Item no.: 100433

83.19€



GBA-I power supply unit-I 230V

Item no.: 100083

24,37€



Universal connection cable 12 / 24V for GBA-I

Item no.: 100097

21.85€





Premium Partners

Our strong partners

Do you need comprehensive product advice? Do you want a coherent and competently assembled safety system for your vehicle? And do you value quick but professional installation? Then contact one of our premium partners.

These specialist dealers are intensively trained by us, and they know all the special features of the THITRONIK® products. Of course, they support our customers far beyond the purchase and installation in all questions concerning service or additions and extensions to the THITRONIK® safety systems. You can currently choose from more than 200 premium partners.

A new level of service is offered by our safe.lock Premium Partners. These partners provide for the complete service for all THITRONIK® products, including the creation of copies for the immobiliser transponders.

Why is this service so important? Take a look at the article "Replay Attacks" (p. 22) and you will understand why this service is so important to Thitronik.

You don't have a Premium Partner nearby, but you are in the vicinity of Eckernförde from time to time? Then come and visit us. Simply make an appointment, drop by and enjoy first-hand advice.

Of course, you can purchase our entire product range from numerous specialist dealers and workshops that are not directly connected to our Premium Partner network.





Authorised THITRONIK®
dealers close to you

Contact a THITRONIK® dealer near you to learn more about our products. Our experienced dealers will be happy to answer any questions you may have and help you choose the best security solution for your needs.



Use the Find dealer function to find a THITRONIK® partner near you. Simply scan the QR code and get started.

THITRONIK®
On-site Installation
Service Eckernförde





"If the Pro-finder had not reported the attempted burglary, I might not have a motor-home today."

Jan from Berlin



In the picture (from left to right): Sascha from THITRONIK® Support, Jan and his wife Gwenn

Jan H. and his wife live in Berlin and have made their big dream of an own mobile home come true. Recently, someone tried to break into their camper. And this was prevented thanks to the THITRONIK® alarm system - the Pro-finder alerted in good time and the attempted break-in was prevented. We invited Jan and his wife to Eckernförde to talk about this incident.

Burglary attempt prevented – thanks to THITRONIK® security technology

Hi Jan, you've contacted us and told that someone had tried to break into your camper. Please tell us what happened.

We were at home in our flat in Berlin when a call from my camper reached me in the early evening. Shortly afterwards, a message popped up that there had been an attempted break-in.

That must have been a shock. How did you react then?

I went down straight away. There was my camper and the hazard lights flashed. The horn had stopped by then. About 100 metres away, two figures were standing in the half-shadow ... I can't say for sure whether they were the burglars, but they behaved remarkably inconspicuously and disappeared the minute I got to the vehicle.

Okay ... Honestly spoken, Jan, you do know that you put yourself in danger at that moment?

That's true. Afterwards I thought to myself, ... if they had been in the vehicle already, who knows if they would have been friendly to me.

We always recommend playing it safe and calling the police. How did you find your camper there?

When I arrived at the camper, I saw that the lock on the driver's door was broken. I think they stuck a screwdriver in there and turned it by force. They didn't get any further because of me interfering.

We were really lucky that nothing worse happened!

Absolutely. If the Pro-finder hadn't notified me of the attempted break-in, I might no longer have a motorhome today. And for this reason I have enhanced my THITRONIK® alarm system with the shut-off device.

A very good decision. Now you can simply use the "kill" function in your THITRONIK® App. Your motorhome would then come to a standstill within a short time ... and also no longer drive on.

THITRONIK® Better with safety

We are deeply rooted in our region

... and at the same time cosmopolitan. We are currently expanding our customer and dealer base to other European countries. But our anchor point is and will always be Schleswig-Holstein in the far north of Germany. Thitronik was founded here in 2010. In 2019, we moved from Kiel to Eckernförde, into larger and more modern production facilities. In Eckernförde, we develop, test and produce our products. Regionality matters to us, also when it comes to our suppliers and this way we can avoid unnecessary transports. Safety "made in Eckernförde".

We think about the future

... of our environment, our employees and our company. And we take our responsibility as a player, partner and employer seriously. Our products stand for quality, safety and durability. So do we.

Thanks to our in-house photovoltaic system we not only cover our entire production needs with sustainable energy. The plant also supplies four electric charging points for cars.

We are market leader

... in the field of security technology for mobile homes. Since the company was founded in 2010, we have grown rapidly. Our safety technology products are so convincing that we are market leader in Germany. Currently, all THITRONIK® products are available in specialised shops throughout Germany. Of course, we are incredibly proud of this. We are and will remain owner-managed. That's why we have a familiar and down-to-earth way of doing things. Our Nordic, grounded manner is as much part of our personality as is our passion for technology.

We are techies

... who love what they do. We design our work processes efficiently – with state-of-the-art production and development technology and 3D printers for prototyping. This allows us to focus on what we love best: We develop, test and build technology that simply makes you feel comfortable. Because besides technology we really care for satisfied customers.



Schleswig-Holstein
Der echte Norden

Our mission?

To make the most beautiful way to travel
as safe as possible.





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