



THE MULTIGUARD PRODUCT SERIES

Remote controlled management and measuring

Surveil installations with GSM, independent of Internet and telephone lines



DANISH DEVELOPED AND PRODUCED

The series of multiGuard products are adapted to any need within remote controlled management, measuring and technical alarms – from simple installations in private homes to large complex industry constructions.



Solutions for holiday homes, agriculture and industry systems. But multiGuard can do much more...

The areas of use are many. multiGuard has in fact been developed in collaboration with our customers since 1998.



Easy to use

- Intuitive user interface with many features.
- Easy to change set-up.
- Everything is managed from PCs.
- Monitoring and management via the Internet or mobile app.
- Free of subscription. All you need is a SIM card from an optional operator.



Analysis of data

- Logging of events in order to analyse and optimise.
- Easy export to excel, easy display as graphs.



Developed for Danish conditions

- Danish developed and produced.
- Danish support.
- Possibility for customer-adapted solutions.
- In stock.

multiGuard is the brain in many thousand installations around the world. And new areas of use come up all the time. E.g.:

Surveillance:

Buildings/building sites:

Surveillance against theft, breaking and entering and sabotage by help of detectors placed at central entrances and on important equipment.

Machines:

Alarm in case of error, dysfunction and exceedance of security measures.

Pumps/electric equipment:

E.g. alarm as acknowledgement when a well pump starts/stops.

Slurry tanks/boats/containers/trailers/camper vans:

Alarm in case of leakage or temperature fluctuations.

Remote control:

Holiday houses:

Switch on/off the heat. Read consumption of water, heat and electricity.

Farms/horticulture/irrigation:

E.g. activate/deactivate irrigation systems.

Street lighting:

Switch on/off the light on certain times.

Sports clubs:

Control of light on football fields.

Renting of cottages and holiday homes:

Alarm and heat & light control.

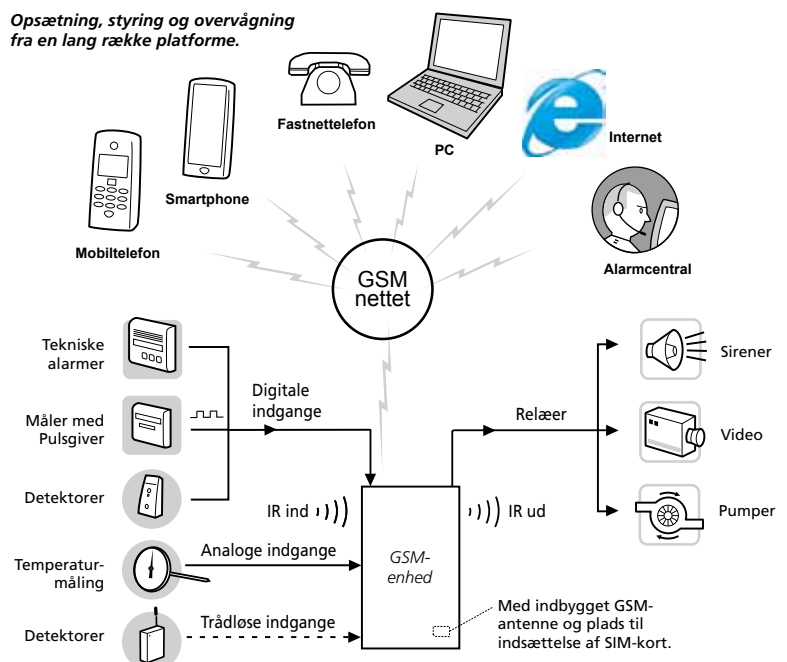
Schools:

Control of light and bell times.



The multiGuard series control electric functions via relays using texts, phone calls or the Profort portal on the Internet. multiGuard gives alarm as text or phone call through impact of alarm inputs. It can also measure e.g. temperature, pressure and humidity with analog measuring equipment, log the measurements, notify at power failure and power return. It can also do activities daily, on weekday and on a specific date with up to 36 pre-programmed events.

Opsætning, styring og overvågning fra en lang række platforme.



multiGuard® Remote and multiGuard® IR

The simple solution to small installations and private homes.

Especially developed for control of heat pumps in holiday homes. However, because they are based on the flexible multiGuard technology they have lots of other areas of use. E.g. for control of cold storage.



multiGuard® Light and multiGuard® Micro

The all-round solution for medium installations which need panel mounting.

Developed for panel mounting, being built into standard DIN rail modules. It makes them suitable for installations which already demand extensive wiring and which can use the possibilities of multiGuard to combine measurements with control.



multiGuard® Basic and multiGuard® Max

The advanced solution for large installations. Especially suitable for aggressive environments.

Independent units that only need to be plugged in – then they are ready. They are both built in a waterproof and impact resisting IP65 box, making it possible to install the units in aggressive environments without needing a building board.



Specifically developed to control heat pumps – but with many other functions.



multiGuard Remote can be supplemented with external temperature sensor, camera, room detector and other extra equipment which upgrade it from controlling heat pumps to being the brain in your intelligent home.

multiGuard IR is the economic solution that has reduced the number of connection possibilities to be optimal for the core service – to control heat pumps.



The right choice when the solution needs to be a part of a grander installation.



multiGuard Micro is the smaller unit with focus on the most used inputs and outputs from the multiGuard series.

Is the space too cramped and is there no need for more than one analog input, one relay or a few digital inputs, *multiGuard Micro* is ideal. Just mount one li-ion battery and the unit is fully functional for up to 1 year without external power supply.

multiGuard Light has combined 230VAC / 12-24VAC/DC supply. Then it is not necessary to worry about external power supply if it does not exist in the panel. *multiGuard Light* has many in-built functions such as calendar, watch and timer, just like the other units in the series, but has in addition an in-built astronomical clock which makes it particularly suitable for control of e.g. street lighting.



The integrated solution which can be set up everywhere.



multiGuard Basic has all functions from the other units in the series, such as the option for control of air/air heat pumps, option for connection of camera or GPS. Besides the 4 analog inputs it is also possible to connect a wired temperature/humidity probe. A programmable 0-10VDC analog output makes it possible to steplessly control ventilation or pumps.

multiGuard Max is an expansion of multiGuard Basic. The unit has an in-built module for reception of wireless signals and measurements from our program of wireless detectors. Graphical touch display for set-up of the unit and presentation of events and measurements.

The unit has an analog log of more than 70,000 events. This means that the unit saves measurements from the 4 analog inputs, temperature/humidity probe and measurements from up to 32 wireless analog detectors. That is, a complete data logger for collection of measurements.



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multiGuard IR	-	-	-	In-b. temp.	2 in-b. + external	Design box	12V power supply incl.	3,6V Li-ion	DTMF	-	-	Yes	Yes	-	-	24.576
2 infrared senders and 'learn' function for recording of codes from an infrared remote control. Plug for external IR-sender. In-built temperature sensor. 12V power supply included. multiGuard IR has room for 10 IR codes. Alarm at power outages if a battery is connected.																
multiGuard Remote	1	-	3	1 + in-b. temp.	2 in-b. + external	Design box	12V power supply incl.	3,6V Li-ion supplied	DTMF	-	-	Yes	Yes	Yes	-	24.576
3 inputs for transfer of alarms from wired sensors, 1 analog input. 1 output for control of heat, pumps and more. 2 infrared senders and 'learn' function for recording of codes from an infrared remote control. Plug for external IR sender. In-built temperature sensor. 12V power supply and battery included. multiGuard Remote has room for 10 IR codes. Alarm at power outages.																
multiGuard Micro	1	-	3	1	External	4-module DIN	12-24V AC/DC	3,6V Li-ion	DTMF	-	-	-	-	Yes	-	24.576
3 inputs for transfer of alarms from wired sensors, 1 analog input. 1 output for control of heat, pumps and more. Plug for external IR sender. multiGuard Micro has room for 10 IR codes. Alarm at power outages if a battery is connected. In passive mode and with an 18 Ah battery the unit can run for up to 1 year.																
multiGuard Light	4	-	8	2	-	9-module DIN	230VAC 12-24V AC/DC	9V Accu	90 sec. speech/DTMF	-	-	-	-	Yes	-	24.576
8 inputs for transfer of alarms from wired sensors, 2 analog inputs. 4 outputs for scontrol of heat, pumps, street lighting and more. Alarm at power outages if battery is connected. multiGuard Light has a 10VDC voltage output for supply of 4-20mA sensors, external detectors and sounders. multiGuard Light has an in-built 230VAC supply. It is also possible to supply with 12-24VAC/DC.																
multiGuard Basic	8	1	8	4	External	IP65	230VAC 12-24V AC/DC	9V Accu	90 sec. speech/DTMF	Yes	Yes	Yes	Yes	Yes	Yes	73.728
8 inputs for transfer of alarms from wired sensors, 4 analog inputs. 8 outputs for control of heat, pumps, light and more. Plug for external IR sender. Alarm at power outages if battery is connected. Option for wireless 868 MHz module for handling of up to 60 sensors. Waterproof IP65 box. multiGuard Basic has a 10VDC voltage output for supply of 4-20mA sensors, external detectors and sounders. multiGuard Basic has an in-built 230VAC supply. It is also possible to supply with 12-24VAC/DC. Optionally a module for reception of wireless signals and a touch display can be connected. Furthermore there is an input for connection of a combined temperature/humidity probe.																
multiGuard Max	8	1	8	4	External	IP65	230VAC 12-24V AC/DC	9V Accu	90 sec. speech/DTMF	Yes	Yes	Yes	Yes	Yes	Yes	73.728
8 inputs for transfer of alarms from wired sensors, 4 analog inputs. 8 outputs for control of heat, pumps, light and more. Plug for external IR sender. Alarm at power outages if battery is connected. In-built wireless 868 MHz module for handling of up to 60 sensors. In-built touch display. Waterproof IP65 box. multiGuard Max has a 10VDC voltage output for supply of 4-20mA sensors, external detectors and sounders. multiGuard Max has in-built 230VAC supply. It is also possible to supply with 12-24VAC/DC. Furthermore there is an input for connection of a combined temperature/humidity probe.																

All analog inputs give an opportunity for connection of 4-20mA, 0-10V, PT100 or PTC.

All alarms can be sent as text message, DTMF, e-mail and SIA-IP. The top models can also send alarms as voice messages.

Easy to programme

All units in the multiGuard series are based on the same software. That is why all multiGuard products have the same easy user interface. An obvious advantage if you use several products from the series. Then you only need to learn the instructions once.

The multiGuard series can be programmed from mobile phone, PC or via the Internet. You choose the option that suits you best - depending on the nature and complexity of the task.

Programming with mobile phone



All set-up codes can be sent as text messages. It gives great flexibility in quick changes or sudden emerging needs.

Programming with PC



multiGuard is delivered with a set-up program on CD or as download. This means easy and quick set-up of the units themselves with complex installations.

It also has the advantage of giving you an overview of your installations - also if you have many units.

Programming via the Internet



All units can be programmed via the Internet. It gives easy and flexible access to correct existing set-ups or to create new ones. No matter where you are.

Easy and intuitive user interface on smartphone.



Easy to control

Naturally, all units in the multiGuard series can be controlled through text message, PC and via the Internet. Where it really becomes fancy is when you can use your smartphone as remote control.

We have developed an app for Android and Apple units. The app automatically creates a user interface which equals the programming the unit has received.

Therefore you always know exactly what the app can do and how you use it.



If multiGuard is equipped with extras such as a GPS or a camera, you can receive maps or pictures on your telephone.

Available on the
App Store

ANDROID APP ON
Google play

FREE APP AND INTERNET ACCESS



Read more about multiGuard
on our website
www.profort.com