



**private property surveillance
- the easy way**



Supervise your assets easily through your mobile, smartphone or tablet.

iSwitch is an easy-to-use GSM-based system for surveillance, alarm transmission, heat/aircon control and general remote control for all your premises, assets and possessions using SMS messages.

If you want to switch on the heater in your summer residence, your caravan/camper or your boat or yacht in advance before arriving, just send an SMS from anywhere in the world. Additionally, you and your friends can receive an immediate SMS in case of burglary, loss of mains power, fire or any other alarm condition of your own selection.

You simply use your existing mobile or smartphone/tablet and install a pre-paid phone card in iSwitch to keep implementation easy and at a very low cost.



Heat/aircon control



Burglar alarm



Neighbour aid / Personal emergency alarm



Mains power supply supervision



General remote control and supervision

A pre-paid phone card will last for a very long time, because only few short SMS messages are transmitted back to you. No proprietary software or expensive subscription needed. No special skills or training needed either. – If you can send a normal SMS, you can operate iSwitch in minutes.

Through simple SMS messages, you can command your iSwitch to send back any data you might need. What is the actual temperature in my summer residence or my caravan/camper, or what is the wind speed just now in the marina, where my boat is ?

All these versatile features and many more of your own choice are implemented in just one easy-to-use low cost unit.



Examples of application sites

- Houses and apartments
- Summer residences and cottages / beach houses
- Caravans, campers and mobile homes
- Boats and yachts
- Shops, stocks and warehouses
- Animal farms
- Waste water treatment plants
- Cold storage rooms, warehouses and industrial plants
- Refrigerated vans/trucks and containers

Read more at www.iswitch-on.com



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Heat/aircon control

Connect your heater or aircon directly to the iSwitch relay output (up to 250Vac/2300W) and the already supplied temperature sensor to an input and send one simple SMS to iSwitch to tell, which setpoint temperature you want to have in your summer residence or caravan/camper – that's it. iSwitch will act as a thermostat, and you will arrive in a comfortable environment. You can set alarm levels for high or low temperatures and receive an alarm SMS, if the values are exceeded.

And of course you can combine this with other applications described below - iSwitch is a multifunctional device, available for a very small investment.



Burglar alarm

Connect different types of sensors (PIR-detectors, door contacts, movement sensors, infrared photo cells or other alarm systems) and eventually alarm horns/sirens or lamps, and get an immediate SMS, if you are being burgled. Copy SMS can be sent to your friends or neighbours, too.

Just send an SMS to arm the iSwitch burglar alarm when you leave, and send another one to disarm, before you enter your house again.



Neighbour aid

Come to an agreement with your neighbours to install an iSwitch in each house and set up a list of phone numbers, that should be alerted in case of burglary or any other type of alarms, for example Personal emergency alarms or mains power fail causing your freezer to heat up and ruin the content.

Your neighbours could help in case of emergency or watch out or even take photos with their mobiles, if any abnormalities or suspicious persons are being observed in the neighbourhood. Thus, iSwitch can help the police getting your assets back.



Mains power supply supervision

iSwitch has a built-in backup Li-Ion battery and a mains monitoring software, which will automatically send an SMS alarm in case of failure and send one again, when mains recovers again, so you will know, whether your freezer,



General remote control and supervision

You can control any iSwitch output and read any input connected at any time by sending individual SMS commands or requests. You will immediately receive an acknowledgement with the latest data back on your mobile or smartphone/tablet.

DIN-Box



IP55-Box



Specifications

- Mains 85-265Vac / 8-30Vdc , 3W power supply, built-in
- Quadband 850/900/1800/1900 MHz GSM/GPRS modem
- Built-in GSM antenna
- 4 digital inputs for sensors (PIR, door contacts etc.)
- 2 Analogue inputs 0-10V, 0-20mA or temperature sensor
- 1 NTC temperature sensor, 2m cable, supplied as standard
- 2 Potential free relay outputs SPDT, 250VAC/DC, 10A (resistive load)
- Battery back-up for more than 1 Hour, built-in as standard
- Ambient temperature: -25 - +70 °C
- CE-compliant
- Designed and manufactured by Micro Technic A/S, Denmark

Order code and housing:

P/N 016.112.002 IP20 DIN-rail mounting, Dimensions 104 x 85 x 57 mm , Weight (excl. packaging) 180g

P/N 016.112.003 IP55 Waterproof box, wall mounting, Dimensions 122 x 124 x 56 mm , Weight (excl. packaging) 400g

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