MultiGuard® Light, cases

Today, MultiGuard® Light is used in many different applications. Here we describe six of the commonest:

Surveillance and control from a distance of a holiday cottage

MultiGuard® Light can be connected so you can switch on the heating in the cottage remotely. By activating an output relay using your mobile telephone, the heating system can be switched on before arrival.
At the same time the MultiGuard® Light is able to read a digital input e.g. the consumption of water, heat or electricity as well as forward an alarm in case of a break-in, freezing temperature, deep freeze failure or a flood e.g. a broken water pipe. And it can control the watering of garden or house plants.

Water control

MultiGuard® Light can be used to stop and start the irrigation systems in farms and gardens.
Use your mobile phone to send a text message or use normal call to activate its internal relay to start the watering. At the same time you could receive a confirmation that the water pressure or temperature in the pipes is OK.
When the system stops watering you will automatically receive a SMS or a voice message.

Surveillance of construction sites

Detectors (PIRs, contacts, beams etc) are placed around a site and wired into the MultiGuard® Light. If someone then triggers a detector, an alarm is transmitted as an SMS or voice message giving the precise details. This creates simple, portable security e.g. for a building site against burglary and vandalism.
At the same time MultiGuard® Light allows you to receive messages if a pump or electric heater has stopped.
The only other need is either a 230V supply or 12V battery.

MultiGuard® Light

GSM transceiver

Technical alarms

MultiGuard® Light can be used for alarms on equipment or machinery. Information of an error, or malfunction or a safety override from a system or equipment will be forwarded (for example) to the guards on duty. If the first guard does not respond to the alarm, the MultiGuard® Light will automatically send the alarm call to the next person on the list.
By using all eight inputs it is possible to monitor many installations at the same time.

Surveillance of boats, trailers & caravans

Even in equipment that is moving, like boats, trailers or caravans, it is possible to use MultiGuard® Light for surveillance. The MultiGuard® Light is powered using the 12V battery and connected to one or more detectors or contacts.
Alarms caused by burglars, temperature or leakages will be forwarded to the predesignated people.

Control of streetlights

MultiGuard® Light has a built-in timetable and calendar. This makes it possible to automatically activate the output relays at a different time for each date. This can be used to control equipment e.g. streetlights.
The yearly timetable is completed within special PC-software called LightMaster. Here, all on-hours and off-hours with regards to sunrise and sunset are defined. This timetable is then uploaded into the MultiGuard® Light(s).
From this PC-software it is also possible to control a number of MultiGuard® Lights and receive an alarm signal from each unit (e.g. bulb failure).

Specifications:

Dimensions,weight:	157x86x57mm, 350g
Power supply:	12VDC or 230VAC
Case:	DIN-rail, 9 modules
Outputs:	4 relay outputs: 250VAC, 6A
Inputs:	8 inputs. Alarm on NC and NO and puls counter
Sabotage:	Alarm on opening the unit
Power failure:	If battery is fitted, alarm is send on power failure
Setup:	Via serial COM on PC, SMS from PC or mobile phone
Antenna:	Built-in
Temperature:	÷20°C to + 55°C

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