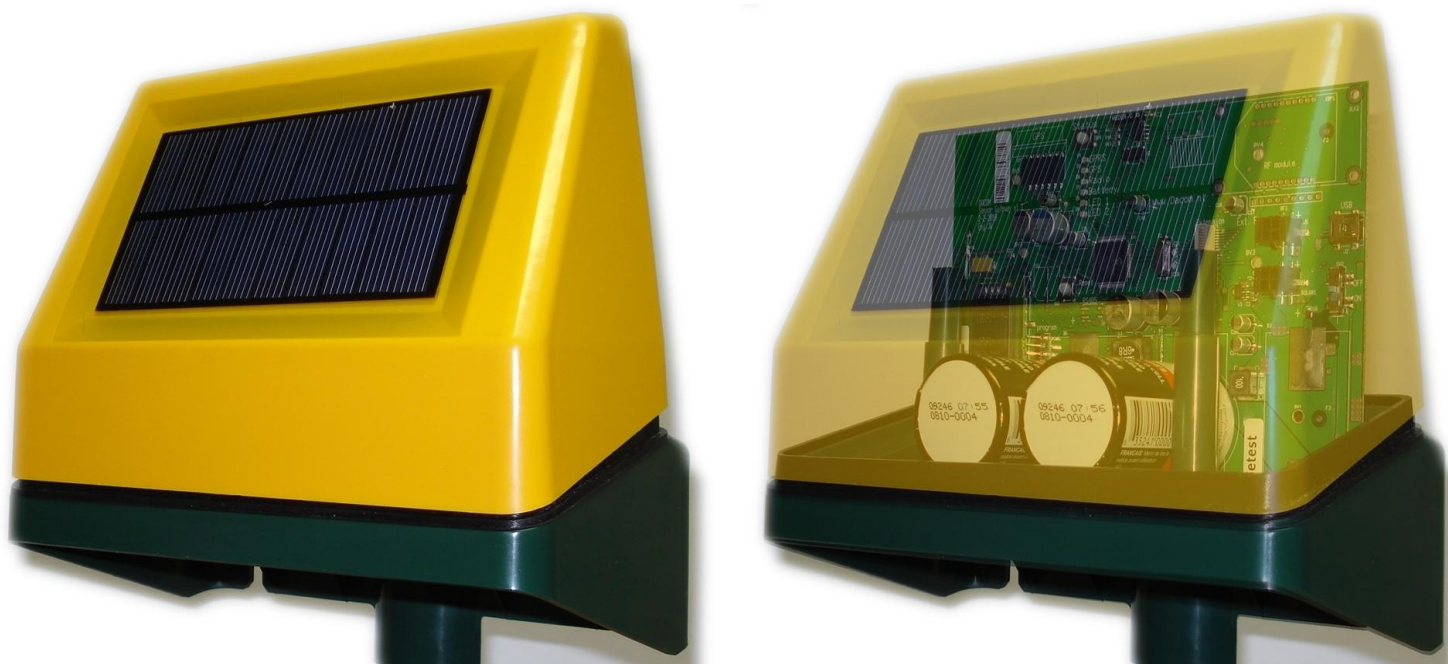


Flexible GPRS/RF Sensor Gateway concept



Transport any sensor data from any sensor in the field to the internet using GPRS

Have such sensor Gateway optimized for your specific needs at minimum cost. Bring easy internet connectivity for any type of sensor through GPRS and/or short range RF. Whether it's temperature, humidity, CO₂, fluid level, pressure or any other type of sensor.

It can work fully autonomous using solar energy. It will buffer all acquired sensor and additional required data based on a set sampling rate and synchronizes with the server system at a pre-set synchronization interval. Settings are simply world wide remotely manageable using internet pages.

Multiple units installed in a cluster holding RF modules transmit their data to a central Gateway. Having one single GPRS module installed will transports all data to any central server.

Available with easy to use and manage web based database and web server services for quick and uncomplicated implementation. View signal trends in graphs and set alarm levels by just some simple mouse clicks.

Efficient and reliable communication protocol for GPRS communication. Available for 'do it yourself implementation' or our additional server side software pack for integration into any database and web server platform.

Challenge us for a made to measure solution in your footprint and enclosure based on your requirements!

Universal features:

- Autonomous system using Solar energy
- GPRS communication
- Plug-in high sensitive GPS module
- Internal 4Mb data buffer memory
- General purpose in- and outputs
- Serial sensor interface supporting SDI12
- Controlled sensor power provisioning
- Plug-in short range RF communication
- USB service and monitor interface
- Real time clock and calendar
- Extension slot for additional hardware
- Over The Air software update
- Standard web based database and server services
- Server side software pack for advanced integration
- IP67 enclosure for outdoors installation
- Magnetic Reed-contact for external trigger