



SE Datalogger

- Solid and Reliable Electronics
- Flexible Use
- Individually Configurable

We develop, build and install reliable dataloggers for monitoring of construction sites, geotechnical and hydrogeological projects.

Due to our broad experience, we are able to offer perfect solutions for the specific requirements of any project from a technical as well as a financial point of view.

Technical Description:

- Extendable from one to several hundreds of channels
- Analog and digital sensors (RS232, RS485, SDI-12) may be connected
- Low energy consumption, therefore suitable for solar pannel and battery operation
- Solid and reliable electronics made of components by Campbell Scientific, Geokon or Canary Systems
- Selectable measuring intervals, from a few seconds up to 24 hours
- Data transmission, configuration and alarm system over serial interface via cable (USB), wireless, modem, BUS or Ethernet
- No data loss in case of power cut. Automatic restart after return of power

Depending on the type of datalogger, several solutions are available. Starting with software for simple data reading up to sophisticated programs for complex requirements.

As an alternative solution, we also offer to do data reading and transmission by GPRS for you. In such case, the results will immediately be available on our internet portal.

(Demonstration on www.se-ch.biz).

- 1) Logger with 192 measuring channels (96 Vibrating Wires and 96 Thermistores)
- 2) Logger with 4 channels of porewater pressure sensors, with GPRS and solar pannel