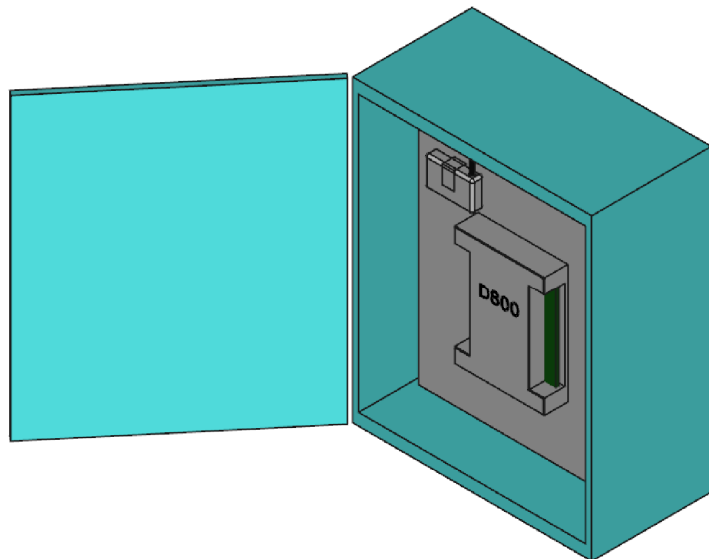


# Datalogger D800-D1600-D3200



## Applications

Datalogger D800 is suitable for Geotechnical, Structural and Environmental monitoring. Connected sensors may have mV or mA outputs; rain gauges and lasers may be connected as well.

List of possible sensors:

- Electrical piezometers
- Load cells and Pressure cells
- Crackmeters
- Displacement transducers
- In-place inclinometers
- Clinometers
- Extensometers


## Features

Datalogger D800 is easy to use. Software is user friendly and compatible with any Windows OS. Low power consumption allows a very long autonomy (about 1 year with 4 data acquisitions per day). Data can be transmitted to any FTP server thanks to the optional GPRS modem. Datalogger can be powered by a solar panel to ensure complete energy autonomy. Relais multiplexer give a good reliability in medium/big monitoring system, if a sensor fail or a cable is short circuited others do not are affected by the problem.

Gas-tube arrester give a good immunity for over voltage interferences.

## Installation

Datalogger D800 can be placed close to monitored sensors. After simply setting timer for data acquisitions and setting sensors type, datalogger is ready to use.

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# Datalogger D800-D1600-D3200

## Technical Specifications

Model	D800	D1600	D3200
Inputs	Up to 8 + battery level	Up to 16 + battery level	Up to 32 + battery level
Resolution	±20000 digits		
Thermal stability	< 30 ppm		
Sensor Supply	15 Vcc. 200 mA		
Power Supply	Lead acid Battery 6V 12Ah – Solar Panel (On demand)		
Memory	RAM 512 Kbyte + 512 Kbyte FLASH		
Data	Up to 4000/2000 measures for each sensor		
Stand-by current consumption	< 200 microAperè		
Box	IP 65 (Standard)		
Multiplexer	Relais		
Optional	485/Ethernet/Wi Fi connection		
	GSM, GPRS, 3G module for FTP ASCII transmission		




### Related Instrumentation:

- GPRS, 3G, ethernet, wi-fi modules
- 20W Solar Panel
- mV/4–20 mA instrumentation
- 4–20 mA Converters
- MyOtr



All product technical specifications are subject to change without notice.

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