

# FACT SHEET

## Pico GlobeLog

An easy to use, robust, small, network based field datalogger for soil moisture measurement.



### Fast and accurate logging of soil moisture measurements

#### Advantages

- Easy to use with little programming
- Very robust for onsite conditions with protection up to IP67
- Data transfer can be automatic via a modem or internet connection
- Ultra low power
- Connects up to 48 sensors
- Ideal for environmental, earth science, agricultural, forestry and hydrology research.

#### Specifications

Sampling frequency:	1 minute up to 1 day
Inputs:	up to 48 TRIME probes or other sensors
Memory:	2 MB EEPROM about up to $\leq$ 500,000 measurements. The working time depends on the reading frequency and number of modules
Power:	Ultra low power consumption, external battery 12VDC or solar power supply. Modus „on”: 10mA Modus „sleep”: 30 $\mu$ A Modus „modem active”: 7-10mA Modus „data transfer”: 100mA Monitoring of external power supply.
Operating:	-30 to +70°C, weatherproof case IP67
Dimensions:	180 x 100 x 60mm, 780g
Interface:	RS232/V24, USB compatible 3 x IMP bus interface (power management) 1 x IMP bus interface (permanent power)
Modem:	internal (optional) low power:GPRS
Software:	GlobeLog control: configuration and data acquisition software for MS-Windows
Data format:	ASCII which allows to use the data in other programmes and formats such as Excel.