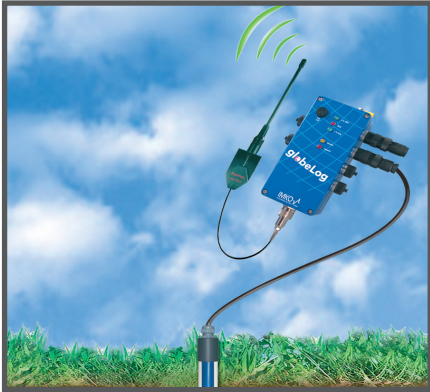


## Pico GlobeLog



**Pico GlobeLog** is 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 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.