

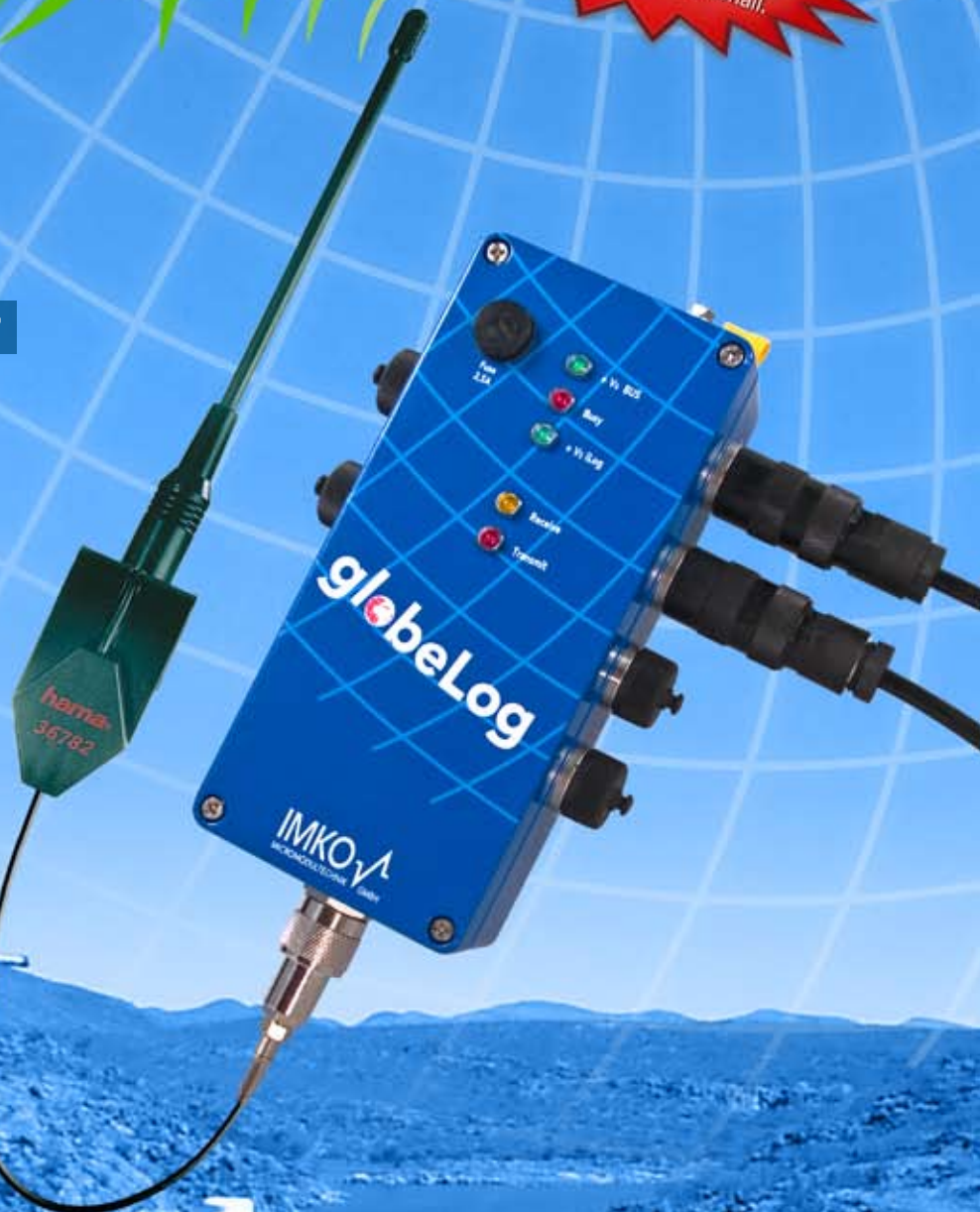
globeLog

The new generation of data loggers



NEW!
With Push-Technology
globeLog sends information
automatically to your email.

- Very robust, weatherproof, IP 67
- Data transfer via cellular radio
- Internet data visualisation
- Easy programming
- Ultra Low Power



globeLog

Including communication software globeLog control

A small field data logger for soil moisture and other measurement parameters which works under extreme environmental conditions. With protection IP67, the globeLog is ideal for applications in hydrology, forestry, agricultural, environmental and earth science and others.

IMKO offers a wide range of standard meteorological and hydrological sensors:



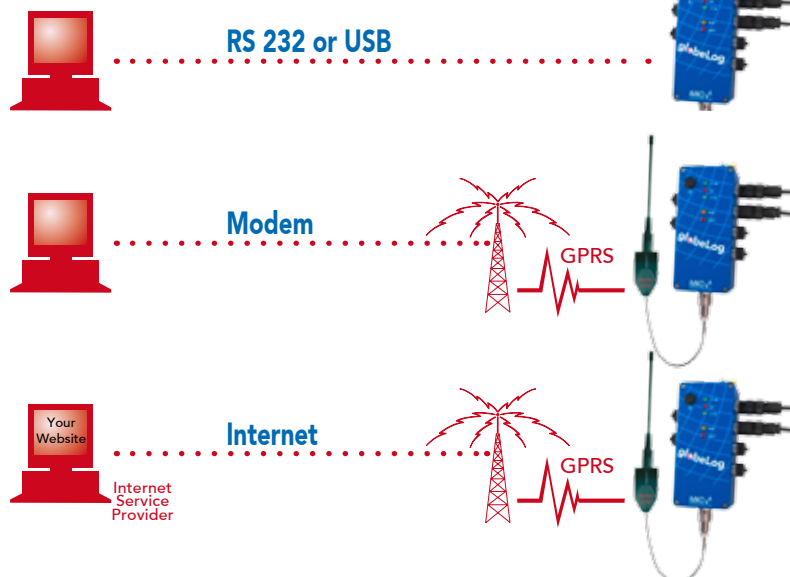
i.e. soil moisture, wind speed and direction, radiation, temperature, pH & Redox, water level plant sensors... and many other parameters.



Quite honestly: do you want to learn programming or just record measurement data? There's no shortage of analogue data loggers. But it's difficult to understand why. They are expensive and most of them are extremely difficult to operate because they require laborious programming. The operating manuals for these analogue data loggers are generally thick files with programming instructions. IMKO's globeLog introduces a totally new generation of data loggers! Network-based and child's play to use with its intuitive globeLog software for Windows PCs. Besides the creating the ultimate data safety system, rapid and intuitive learning of how to operate the logger were given top priority.

The result: All you have to do is enter the serial number of the connected sensors and select the measuring rate. And you are ready to start straight away because the globeLog takes care of the rest itself. Without any programming!

Communication scenarios



Save money without cellular phone contract!

Low cost data transmission e.g. using a PrePaid Card. With a 15 EURO PrePaid Card globeLog transmits data for one year. (Configuration example: 10 Sensors, hourly measuring, weekly data transmission = ~ 20 kB data size = 18 Cent transmission costs.)*

* Based on German Telekom rates June 2006

Technical Data

Reading frequency:	1 min up to 1 day
Inputs:	up to 48 TRIME probes or other sensors including.
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“: 30µA Modus „sleep“: 10 mA Modus „modem active“: 7-10 mA Modus „data transfer“: 100 mA 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 3x IMP bus interface (power management) 1x IMP bus interface (permanent power)
Modem:	internal (optional) low power: GSM, GPRS; CDMA, Satellite on request
Software:	globeLog control: configuration and data acquisition software for MS-Windows.
Data format:	ASCII which allows to use the data in other programs and formats such as Excel.
globeLog security:	optional internal atmosphere monitoring (humidity and temperature)