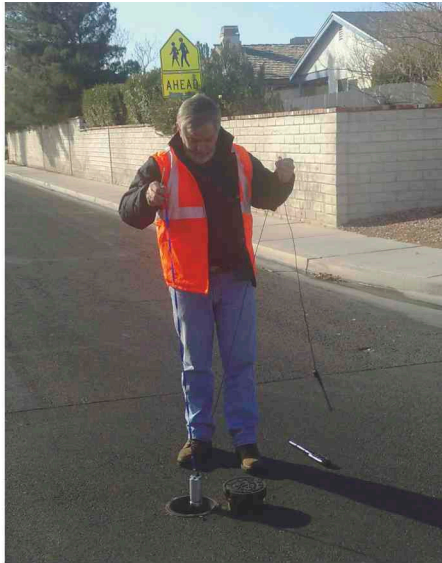


# SePem® 01 GSM – Loggers with cell phone technology

## Monitor your water network 24/7 from the office

Highly sensitive noise logger for stationary monitoring of water networks including a **GSM** module for data transmission. The compact design of the **SePem® 01 GSM** is especially suitable for fire hydrant valves and line valves. Because of the small height of the logger, when horizontally installed, the **SePem® 01 GSM** can also be placed inside meter pits. The logger records the noises during a user-defined measuring period and analyzes the data. The results are then sent directly via Short Message Service (SMS) through an email gateway, downloaded to a computer and viewed using the **SePem®** software with Google Maps application. One push of a button is sufficient – driving along the measuring points is not required.



## The advantages

- Leaks are recognized very early – saving money by reducing duration of leak times
- No additional time required for driving past measuring points, saving fuel, salaries and productivity
- Flexible programming of measurement and data transmission – optimal configuration according to local and network conditions. The information is delivered directly to you, on your terms.
- Very low maintenance
- Less amount of loggers needed - as required for correlating loggers !

## The software

The **SePem®** software can be used to manage both the **SePem® 01 GSM** loggers as well as the established **SePem® 02** models. It offers the user extensive functions for carrying out diverse measuring tasks professionally. All the main functions are easily accessible.

The screenshot displays the SePem Software interface. On the left, there is a sidebar with a tree view showing 'Devices' and 'Locations'. The main area features a map with several green location markers. Below the map is a table with the following data:

Trend	Device type	Serial no.	Device no.	Min. level	Frequency	Consistency	Start date	Start time	Stop date	Stop time	Measurement interval [s]	Read
	SePem 01	100 06 000022	22	59	15	47	16.03.2014	14:46:48	16.03.2014	14:46:48		
	SePem 01	100 06 000022	22	34	1	23	17.03.2014	14:36:00	17.03.2014	14:45:00	1.000	

Below the table, there is a form for device details, including fields for 'Address', 'Comment', 'Serial no. type', 'Device no.', 'Min. level', 'Frequency', 'Consistency', 'Last batt. cap.', and 'Last date of data'. To the right of the form is a line graph showing noise level fluctuations over time, with the x-axis labeled from 14:38:00 to 14:45:00 and the y-axis from 0 to 3000.