Remote Data Transmission

GSM-2
GSM-2 Main Applications

Level and over flooding measurements in:

- Groundwater
- Wells and Tanks
- Drilling Holes
- Lakes and Rivers
- Water Supply
- Wastewater
GSM-2 Overview

Integrating a GSM unit, GSM-2 sends the logged data via e-mail (Internet connection over GPRS) or SMS. This data transfer works both ways, from and to the GSM-2 module, allowing remote data read-out and configuration.
GSM-2 Features / Advantages

- Battery Powered
- Waterproof
- Suitable for 2" Tubes
- GSM Quad Band
- GPRS (Data Transfer via E-mail)
- Built-in Atmospheric Pressure Sensor
- Up to 15 Measuring Channels
GSM-2 Features / Advantages

- Integrated Battery Housing and Antenna
- Different Interfaces for Sensors:
  - RS485 KELLER-BUS
  - Voltage Input (Compatible with Other Sensors)
  - SDI-12
- Interface for Diagnostic and Configuration
GSM-2 Benefits

- GSM-Module and Data Logger in One Device
- Connectionless Communication
- Remote Configuration
- Easy Installation (Within One Minute)
- Low Price
- Cost Saving Data Transfer (E-mail)
- Battery Lasts for Years (i.e. 1 Measurement per Hour + 1 Transmission per Day > 10 Years)
- Free of Charge Software
First configuration is done through a PC to GSM-2 unit cable-connection using GSM-2 Setup Program. GSM-2 DataManager will then store the new settings and automatically register the new unit.
GSM-2 DataManager

Working as a central monitoring, controlling and organizing unit, this **PC Software** collects GSM-2 modules’ transmitted measurements (via E-mail or SMS) and stores them in a **MySQL database**.
DataManager Key Functions

- Multilingual Graphical User Interface
- Monitoring of Measuring Locations
- Data Chart Preview
- Automatic Registering of New Measuring Locations
- Message Forwarding via E-mail and SMS (Alerts, …)
- Remote Configuration of GSM-2 Modules’ Parameters (I.e. Measuring Interval, Transfer Interval, …)
- Automatic Update of New Software Versions
- Data Export (Excel -CSV Format-, XML, …)
- Data Export Scheduler
KELLER’s Conclusion?

In the past ...

... Today

- Data Logging in Your PC.
- Working Monitoring at All Times

... No more wet dirty shoes!

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