

GSM-2 Main Applications

Level and over flooding measurements in:

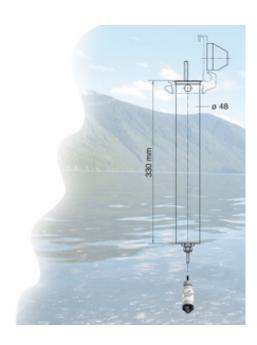
- → Groundwater
- Wells and Tanks
- → Drilling Holes
- → Lakes and Rivers
- Water Supply
- → Wastewater





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

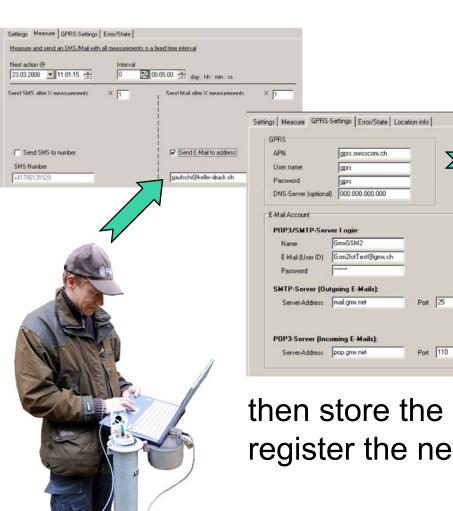


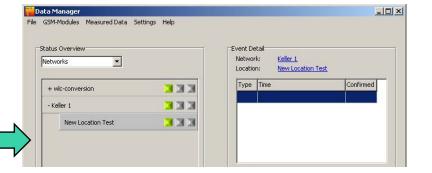
GSM-2 Benefits



- 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

GSM-2 Configuration

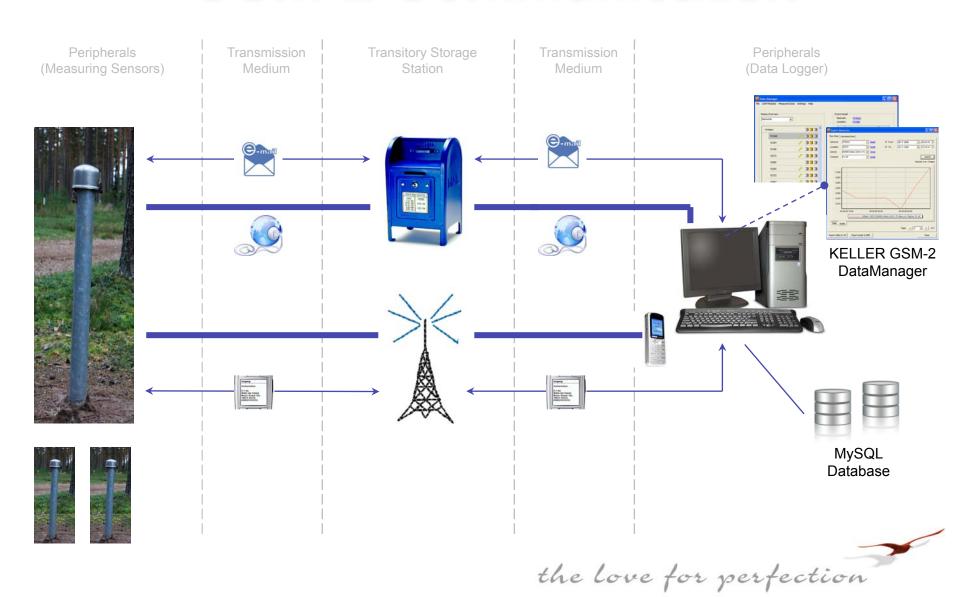




First configuration is done through a PC to GSM-2 unit cable-connection using GSM-2 Setup Program. GSM-2 DataManager will

then store the new settings and automatically register the new unit.

GSM-2 Communication



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. File GSM-Modules Measured Data Settings Help Status Overview Event Detail Locations Measuring Stations GSM-2 Confirmed ^ 🥜 🔞 🗖 🖹 👚 29.9.2008 8:25:56 29.9.2008 8:25:50 26.9.2008 12:56:57 VI365 New Data from Mail: M/b=+0.6241549+1.6410923+6.3349609+1.01 69375+12.149998/c=+0+0 VI471A Delete All Events Email: Ok Next Message-Check: running 29.9.2008 15:24:22 Gsm: -**Data Transfer Monitoring** (Status): Red, Yellow, Green Table Graph the love for perfection Export Export graph to EPF

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

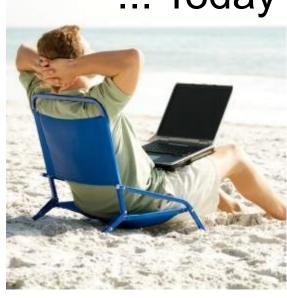


KELLER's Conclusion?

In the past ...



... Today



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

... No more wet dirty shoes!

the love for perfection