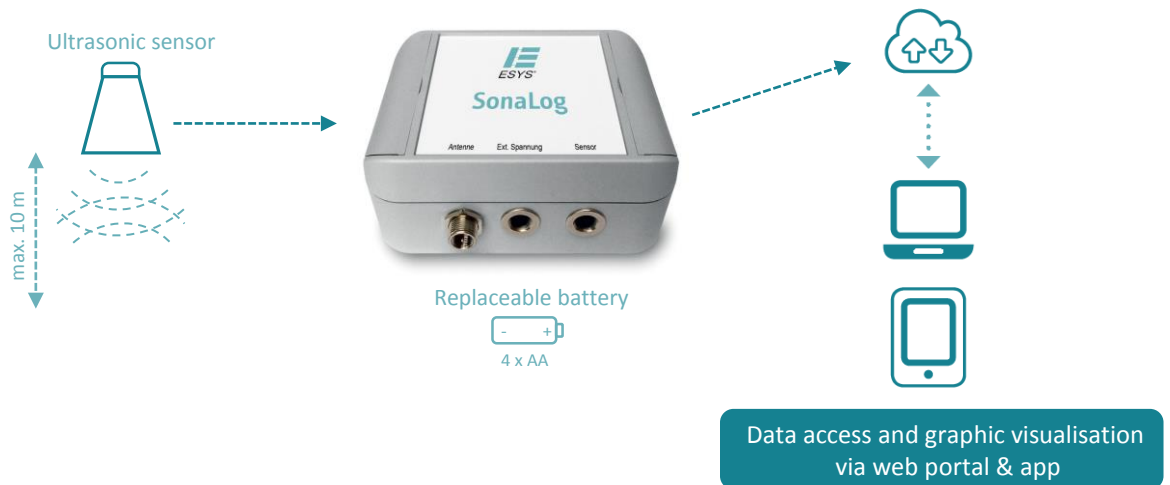


sonalog^{GSM} Battery - Ultrasonic Sensor - GSM - Web - Data Logger

Battery-powered Filling-Level Meter with email Alarm



Application Areas

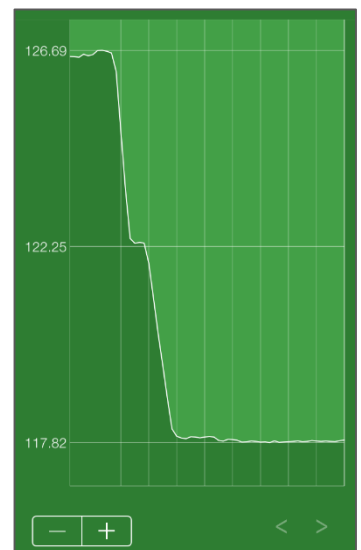
- Fill level measurement in (waste) water & retention tanks
- Level measurement in pits & wells
- Fill level monitoring in tanks, silos & industrial facilities
- Temperature monitoring

Key Benefits

- Works everywhere without line voltage
- Works with fluids and solid materials
- Replaces costly on-site measurements
- Online data access via web portal & app
- Automatic alarm via email
- Battery life longer than 1 year
- Sturdy design

Optional

- Integration in client web server
- Client-specific casing & OEM variants
- With laser sensor (measuring range up to 40 m)



Technical Specifications

Ultrasonic sensor

Protection class:	IP67
Measurement range:	50 cm...10 m
Resolution / accuracy:	1mm / 1%
Temperature compensation:	automatically
Temperature range:	-40...+65°C
Dimensions:	50,7 x 43,8 mm (diameter)
Optional:	Protective coating against chemical gases/fumes

Data logger

Inputs:	1 x serial
Measuring interval:	programmable
Storage:	Flash-storage 32 KB (ca. 1000 measured values)
Data transfer:	via GSM/GPRS, internet
Interval of sending:	max. 24 h / time and interval are adjustable
PC-interface:	USB 2.0
GSM-antenna:	included
Configuration:	via PC-software & web browser
Supply:	4 x 1,5V AA-cell
Data export:	text file or compatible data format (CSV)
Temperature range:	-20...+55°C
Wheight / protection class:	380 grams (incl. Batteries) / IP65
Casing / dimensions:	plastics / 120 x 90 x 50 mm

Subject to change

About ESYS

ESYS is a Germany based manufacturer of state-of-the-art sensor technology, data recorders and fleet management solutions. With over 20 years of expertise in their field ESYS successfully implements standard products and client-specific hard and software development projects.

We develop and manufacture your product, contact us!

- ✓ Individually according to your specifications
- ✓ As a prototype or small batch series
- ✓ Optional with your custom-built software or app
- ✓ With over 20 years experience in hard and software development

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