

Level sensor with integrated GSM modem

Applications

Remote fuel tank monitoring

- Detect and alert for fuel theft
- Identify refueling process and report quantities
- Track fuel inventory in large tank farms

Urban wastewater monitoring

- Detect, pinpoint and warn against sewer blockage and overflows
- Battery powered for years of operation
- Minimal maintenance, no moving parts
- Simple installation, no road digging

Water reservoirs and rivers

- Detect and warn against flood conditions
- Prevent premature reservoirs dry-out

Benefits

- A complete, compact and unified solution
- No on-going fees for control software
- Rapid return on the investment –measured in months
- Fit for any site where SMS or GPRS is available
- Customized alerts and monitoring reports



GaugerGSM



Parameter	Specifications
Type	Mono-block ultrasonic level meter with embedded cellular modem
Maximum range for liquids for solids	8 meters 6 meters
Minimum range (dead zone)	15 cm
Measurement accuracy	±0.5 cm or 0.2% of maximum range
Measured values	Distance, Level, Volume, Temperature, Operating hours Absolute and percentage
Temperature compensation	Automatic. Internal and external temperature sensors for rapid temperature tracking
Display	Graphic LCD 64X128, viewing window 50X25mm ² , resolution of 1 mm.
Sensor	75 KHz, full PVDF material, 1.5" BSP or 1.5" NPT threads
Communication interfaces	Cellular GSM Quad Band / SMS with 1 mm resolution USB for setup, local monitoring and firmware upgrade
Additional interfaces	SPDT relay output Drycontact digital input RS485 Analog input
SMS reports and alerts	Periodic (programmable interval), Full, Empty, intermediate levels, over-consumption, refilling process
Power supply	8 to 33 VDC, optional low power mode for batteries
Operating temperature	-30°C to +70°C (-20°C to +70°C with display option)
Mechanical	Plastic PC/ABS+UV, IP68 (96 hours @ depth of 1.8 meter water, weight 960 gram)
Certifications	CE EMC, CE Safety, FCC part 15

(*All specifications are subject to change without notice)



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