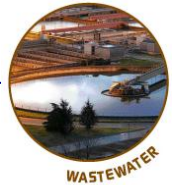


Integrated measuring systems for the  
whole water cycle



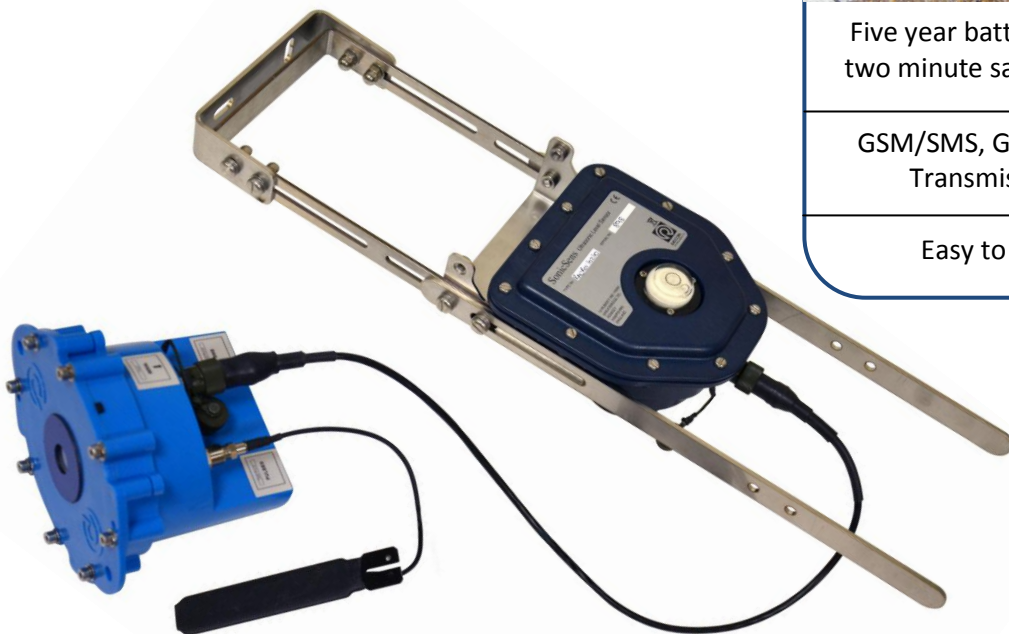
## Ultrasonic level sensing ***SonicSens***



Five year battery life at  
two minute sample rate

GSM/SMS, GPRS Data  
Transmission

Easy to use



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## Applications


- Sewer System and Combined Sewer Overflow monitoring
- Open channel (Flume, Weir) level monitoring.
- River level monitoring (gauging stations)
- Water level monitoring in tanks or reservoirs




## Description

- Sensor associated with 5 year battery life remote Data logger
- Accuracy in air : +/- 0,25% of full scale
- Communication : local, GSM/SMS, GPRS
- Interfaced with TOPKAPI supervisor software
- Standard height/flow conversions available with Winfluid software

## Technical Specifications

 <p>Sensor</p>	Ultrasonic measurement	Measurement range : 0.3 to 2.5 m / 0.8 to 5 m Resolution : 1 mm. Built in temperature compensation Accuracy in air : +/-0.25% of target range Beam angle : 10 °at -3 dB boundary Operating temperature : -20 to +60°C
	Description	Dimensions L 140 × W 80 × H 67 mm. Potted ABS plastic enclosure Protection IP68 Aluminum adjustable bracket 170 to 210 mm (sensor to side mount) Sensor weight : 1.3 kg (2.8 lb) Serial communications and power from logger

 <p>Multilog LX</p>	Logging features	GSM Modem status LED/flow pulse test mode 48720 readings available. Cyclic or blocked mode programmable Fixed 15 minutes sample rate as standard (1 SMS/day). Variable sample rate 1 min to 24 hours as an option (contact us for more information) Date/Time with automated adjustment to GSM network time High/Low, out of band alarms independently programmable on each channel (flow, overflow, rain pressure or level). Auto dial up to several numbers on alarm.
	Communication	RS232/IR for communication with PC/PDA Internal quad band modem 850/900/1800/1900 MHz. External or internal antenna. Interfaced with Winfluid, Winfluid Mobile and Topkapi softwares
	Physical	Size : L 110 mm × W110 mm × H 150 mm. Logger weight : 0.6 kg Material : reinforced ABS Operating temperature : -20°C to 70°C IP rating : IP68 Power supply: 2 « D »Type for one daily SMS communication. Battery level information

Available for sale and rent. Please contact us for more information

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A HALMA COMPANY