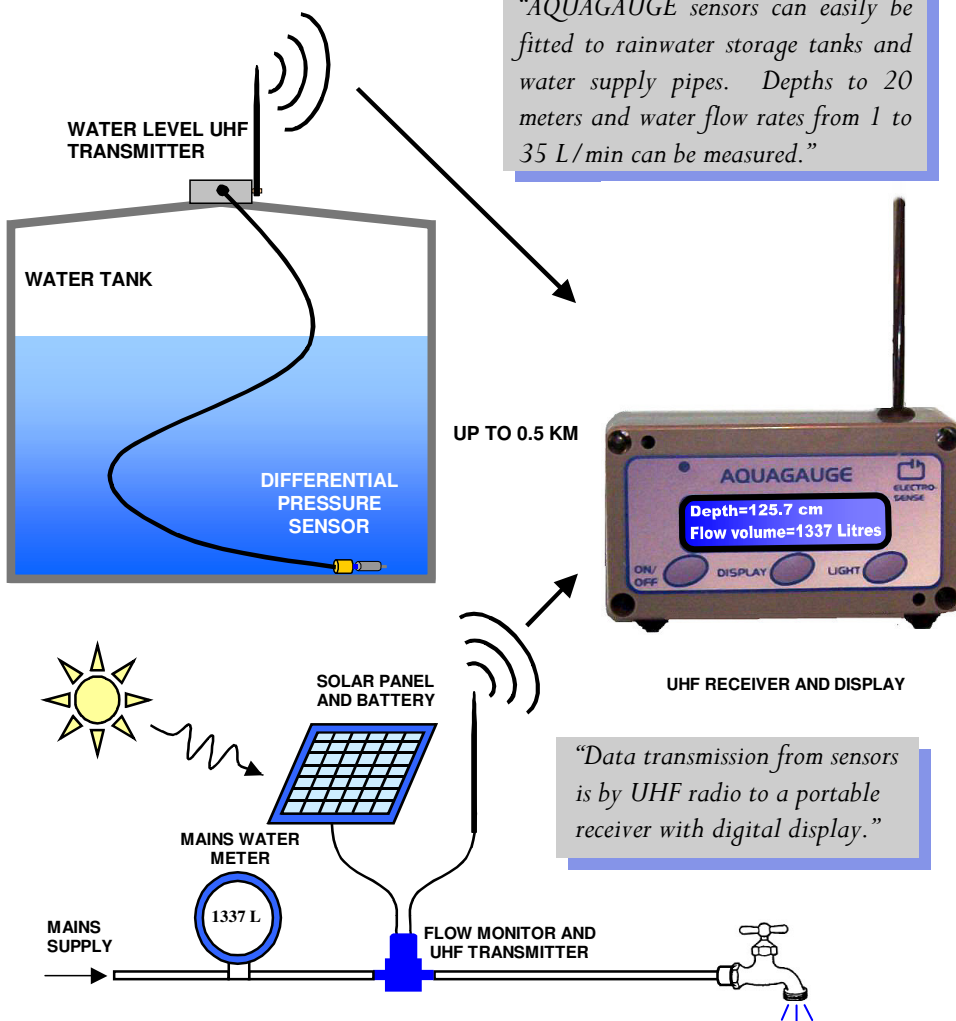


# AQUAGAUGE

Product Update  
Revised Oct 2007

## Measure water usage and storage with wireless flow and level sensors.



### Sensor Specifications

Wireless data transmission.

Water level accuracy +/- 2% with 3 mm resolution

Complies with low interference potential RF class licence.

Transmitter units sealed against dust and water.

Volumetric flow data updated every 10 seconds

Solar powered water flow transducer with backup battery.

Measure flow rates up to 35 litres per minute

### Data-logging and monitoring features

- Serial data output port on receiver.
- Water level plus cumulative flow volume or temperature can be displayed.
- Windows PC logging and charting software with serial cable.
- Up to 0.5 km data transmission distance.
- Data logging units available with non-volatile 32k sample memory.

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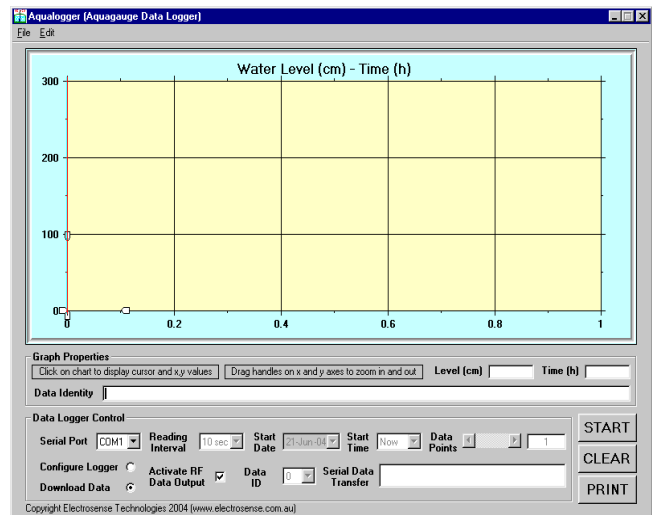
AQUAGAUGE™ sensors provide an inexpensive method of continuous level and flow measurement in a variety of aqueous liquids including rainwater, seawater, wine, process solutions, etc. Typical uses include water tanks, domestic and industrial water pipe supplies, industrial storage tanks, chemical reactors, bilges, irrigation channels, reservoirs, lakes, rivers, seawater etc. The product range encompasses a variety of models, including systems with data-logging capabilities. Wireless range of the standard system is up to 0.5 km line-of-sight. UHF transmitters are battery and/or solar powered and receivers are battery and AC mains powered. Water level sensors use differential pressure techniques to compensate for atmospheric pressure changes and provide level measurements every 30 seconds to a precision of a few mm. A range of sensors is available enabling water depths from less than a meter up to 20 meters to be measured. Units can easily be moved from site to site for temporary monitoring purposes. Water consumption and volumetric flow is determined using paddle wheel flow sensors that are simple to install, require no maintenance and offers an unbeatable performance to price ratio. Water use can be measured in real time with cumulative flow volume readings are updated every 10 seconds

## AQUALOGGER PC SOFTWARE

*“Up to 32k samples can be saved and the inbuilt RF data transmitter can be enabled or disabled at setup time.”*

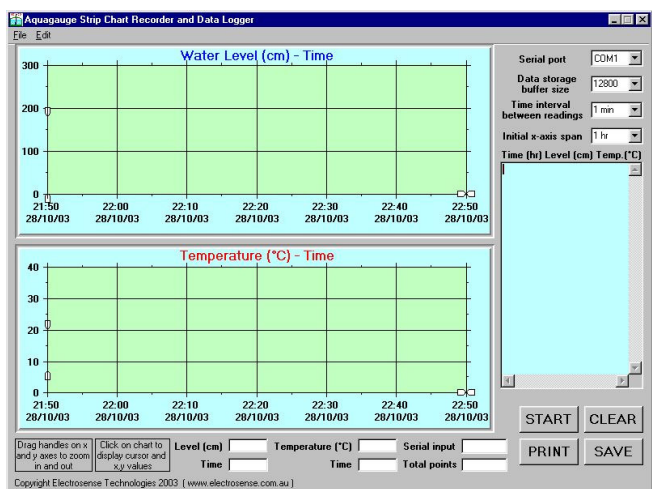
Our AG-RFLOG water level data logging model requires AQUALOGGER software for serial port setup, data download and data

display. Sampling interval may be varied from a few seconds to several hours with an initial delay ranging from zero seconds to several months. Up to 32k samples can be saved and the inbuilt RF data transmitter can be enabled or disabled at setup time. The software is supplied on CD and the PC operating system must be Windows 95 or higher. A description of the main features of the software can be downloaded from our web pages at [www.electrosense.com.au](http://www.electrosense.com.au)



## AQUACHART PC SOFTWARE

Aquagauge™ AG-RFLCD models purchased with the optional PC-SERIAL package can be linked directly to a PC with the supplied cable. This allows the user to collect, save and display data. The software is supplied on CD and enables continuous digital chart recording of water level plus cumulative flow volume or temperature. The charted data can be rescaled during collection and the sample interval may be varied between a few seconds and several hours. The PC operating system must be Windows 95 or higher.



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