

# LS01 Ultra-Sonic Level Sensor



The LS01-05 and LS01-10 are a pair of ultrasonic level sensors designed for monitoring water height in dams and channels.

## LS01

The LS01 is an ultrasonic water level sensor which offer low power consumption, compact size and an SDI-12 interface. The unit is available in either 5m or 10m depth ranges.

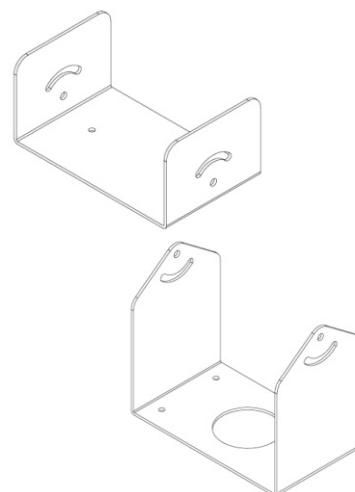
In standard form the sensors are designed to operate from a power supply of 6 to 16 V DC.

The sensors are mounted in an ABS enclosure which may be installed on top of the structure whose level is being monitored. A two piece aluminium mounting bracket is available. This allows adjustment of the sensor angle through a 90 degree range.

The sensors outputs the level reading via an SDI-12 interface. The measurement range is 30cm to 5m with a 1mm resolution for the SDI-LS-05 and 50cm to 10m with a 1mm resolution for the LS-10. Accuracy of both units is better than 1%.



Parameter	Specification
Measuring Range	LS01-05 30cm to 5m LS01-10 50cm to
Accuracy	+/- 1 %
Resolution	1mm
Power Supply	6V to 16V DC, 20mA
Temperature range	0 to + 50 degrees C
Weight	0.4 kg



## Ordering

LS01-05	Ultrasonic level sensor 5m range
LS01-10	Ultrasonic level sensor 10m range
SDI-LEV-BKT	Aluminium mounting bracket set for SDI-LEV

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