

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.

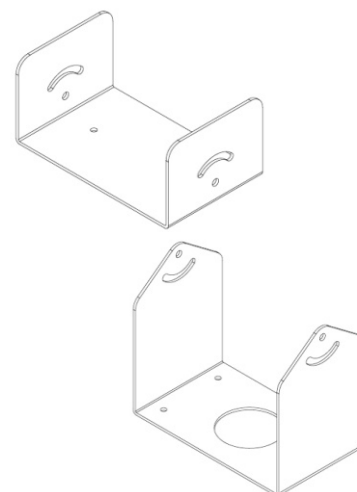
LS01

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

TOIP Pty Ltd
58 George St MOONTA SA 5558 AUSTRALIA

Email: sales@toip.net.au Web: <http://toip.net.au>
Phone: 08 8825 1208 Mob 04 9805 3413