



# AKUA ULS

## Securing the Internet-of-Your-Things

The AKUA ULS is an ultrasonic sensor that measures displacement, level, and volume of a liquid within a closed tank or vessel. The ULS is mounted outside and at the bottom of the tank.

The AKUA ULS is highly accurate: resolution of level height is 0.2mm, level height accuracy is 3 mm. Measurements are corrected for changes in ambient temperature in the range between -40°C and +80°C.

The AKUA ULS is a non-contact sensor, not subject to corrosion or pollution assuring its long-term stability

The AKUA ULS is easily installed and maintained without the need to remove an existing tank measuring system or to make holes in the tank, which can lead to contamination.

The AKUA ULS is highly reliable and designed to perform in harsh environments. It is moisture proof, acid proof, and flame retardant.

The AKUA ULS communicates with the AKUA IVM, which transmits the AKUA ULS sensor data, data from other AKUA devices, and GPS data through the GPRS network to the GPRS servers, and then via the mail/application servers to the end user's laptop, phone, or PC



## AKUA ULS Specification

Model Number	ULS
Measuring Range	3.5~200cm
Working Voltage	7~38V
Maximum Load Current	3mA
Working Current	60mA(12V)
Working Temperature	-45 to +80 Celsius
Ultrasonic Probe Protection Level	IP66



# AKUA

Learn more at [akua.us](http://akua.us).