



GROUNDWATER FISHPOND

Data Logger & Level Sensor

Water Level Measurement

This rugged and autonomous monitoring solution is designed to provide accurate water level measurements in a variety of settings. Whether you need to monitor water levels in fish ponds, rivers, lakes, or industrial areas, this system is equipped to handle the task with ease. Its versatility and ease of use make it an essential tool for anyone involved in water management. The instrument is suitable for various industrial, agricultural, or environmental settings.

In addition to its industrial applications, this monitoring solution is an excellent choice for groundwater monitoring, providing precise data to help you make informed decisions about water usage and conservation.

A Complete System

The system features a data logger and a fully sealed submersible water level transmitter, ensuring reliable and accurate readings even in harsh outdoor environments. The transmitter is ATEX explosion-proof certified, making it suitable for use in various industries,

including sewage, chemical plants, and more.

Your measurement data is automatically uploaded to a cloud-based management system, allowing easy access via mobile phone, tablet, or computer. This means you can stay informed about water levels in real-time, no matter where you are.

Features and Benefits

Low cost and low maintenance

Easy and fast installation

Instant alerts for critical events via web, SMS, or email

No fixed communication or power source required



Technical Data

Model:	DeltaBlue
Cellular:	4G, 3G and 2G
GPS:	GPS/QZSS, GLO, Gal, BDS
Antenna:	Cellular: Integrated and external GPS: External
External inputs:	6x Digital, analog and pulse
Internal sensors:	Temperature: accuracy $\pm 0.2^{\circ}\text{C}$ Humidity: accuracy $\pm 3\%$ Accelerometer: 3-axis motion detector
Operating temp:	-30°C to $+70^{\circ}\text{C}$
Size:	70 x 99 x 47 mm
Weight:	340 g
Casing:	Ventilated IP67 casing

Outdoor Data Logger

DeltaBlue is a rugged data logger used for measuring in remote areas without access to power or communication. It has an integrated GPS and is suitable for mobile applications. By easily pairing DeltaBlue with a level sensor you can get a full water level measurement solution. External sensors for measuring humidity, temperature, and other parameters can also be connected. The device is equipped with an accelerometer to recognize vibration or movement.

DeltaBlue has a battery life of up to three years and is an ideal choice for long-lasting and reliable performance. It has an integrated 7-channel datalogger, wireless modem, and temperature sensor, and is pre-configured for the most common sensor types with 3.6V, 5V and 16V power feed. The DeltaBlue comes complete with a battery, SIM card, and integrated GSM and GPS antennas and can be easily integrated with SCADA and telemetry systems for even more versatility. Access and analyze your logged measurements via an IoT Cloud Dashboard.

Model:	Submersible Level Transmitter
Range:	0mH ₂ O~1mH ₂ O...200mH ₂ O
Overpressure:	2 times FS
Pressure Type:	gauge, absolute
Application Temp:	-20°C ~ 70°C (cable material: PE, PVC) -20°C ~ 80°C (cable material: PUR)
Storage Temp:	-20°C ~ 85°C
Vibration:	10g, 55Hz ~ 2000Hz
Shock:	100g, 11ms
Class:	IP68, ATEX
Operating temp:	-30°C to $+70^{\circ}\text{C}$
Size:	77 mm 26 \varnothing
Weight:	≤ 220 g

Contact

Pejang Tahmasebi
Sales Manager Industrial

+46 8 44 99 775
sales@etm.se
pejang.tahmasebi@sigicom.com
www.etmiot.com
www.sigicom.com