



Ground Level Water Recorder

(Telemetric Piezometer BT Model)



Introduction

It measures the level of water beneath the ground. The fluctuations in the water level are displayed, recorded & data can be retrieved through USB in excel format.

E&E made GWLR-01, Ground Water Level Recorder, is a data logger and submersible pressure transducer combination designed for remote monitoring and recording of water level or pore pressure data. The sensor is lowered into the well on a reinforced cable and submerged below the water. Once in place, the initial water pressure reading is synced with the current water level. The unit then monitors the water pressure for changes, and the pressure difference is converted to a change in water level. The entire unit is hermetically sealed to prevent any moisture from getting into the instruments circuitry. The instrument comes along with inbuilt memory and GPRS enabled web telemetry for remote communication of data. Optional rechargeable battery along with solar panel is also available for uninterrupted power even at remote places.



**Real Time
Monitoring**



No water proofing



**Highly Calibrated
Sensor**



Without Battery

Features -

- Heavy Industrial CE approved pressure Sensor.
- Reverse polarity protection on input.
- Continuous data logging system using USB.
- Short circuit protection on output.
- Compactly designed integration for making
- More sophisticated handling.

Applications -

- Industrial Water Level Monitoring
- Agricultural bores
- Ground Water Elevations.
- Wells.

Customizable options -

- Telemetric
- Non-Telemetric
- Sounder

Technical Specifications -

Type	Details
Accuracy	0.25 % F.S
Compensated temperature	-200C to +850C
Operating consumption	-400c to +1250 c
Wetted material	17-4PH or 316L Stainless Steel Port, 316L Stainless Steel Snubber
Power Adapter output	12V, 1A DC
Input Power	220V 50Hz AC
Clock	Real time internal clock
Vibration	±20g, MIL-STD-810C
Dielectric Strength	±20g, MIL-STD-810C
Display	16×2 LCD display