



## GT-ML Minilogger (4 Channels)



- ### Features and Advantages
- Compatible with any Vibrating Wire (VW) sensors including Strain Gage, Piezometer, Extensometer, Load Cell
  - Fast 4-channel Measurement
  - Reliable Performance, High Accuracy
  - Low Power Consumption, battery could be re-charged from solar panel
  - Easy to Operate

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4-Channel Minilogger GT-ML-4 is a mini datalogger designed for collecting measurement data from any type VW sensors including strain gage, piezometer, extensometer, load cell, etc. It provides 4-channel fast measurement for both VW frequency, and thermistor. GT-ML-4 is assembled inside IP65 Fiberglass enclosure which can withstand harsh environment. It is powered by rechargeable battery, which can be connected to AC power supply, or solar panel. Thus, GT-ML-4 is highly suitable for remote data acquisition and long term monitoring.

## Communications

GT-ML-4 utilizes RS232 interface for data transmission, which can be integrated with IMT transmission module for automatic monitoring. It has adjustable scan rate from 5 second to 1 day. The data memory consist of 320K bytes of EEPROM, which can take measurement for more than 10,000 arrays in ASCII format. GT-ML-4 has a high 24-bit resolution, which can measure VW data with high precision and accuracy

## Technical Specifications

Measurement Data	VW Frequency (Readings), Temperature	Program Memory	24K Flash
VW Measurement Range	400Hz to 6000Hz	Data Memory	320K EEPROM
VW Measurement Accuracy	±0.05%FS	Data Interface	RS232, RS485, USB (Optional)
VW Measurement Resolution	0.0005 Hz	Communication Speed	9600bps
Thermistor	3KΩ	Data Format	ASCII text (time, VW reading, temperature)
Temperature Measurement Range	-20°C to +70°C	Scan Interval	5 seconds to 24 hours
Temperature Measurement Accuracy	0.1°C	Measurement Current	<200mA