

# GTM

## Technical Summary

### Sensors

Input ranges can be configured by the user in T-Link.

Resolution is 12 bits for all ranges.

Trigger threshold can be set up to full range.

The high-frequency roll-off of the sensors (unless otherwise specified) is at 30% of the sampling rate.

### Waveforms

Record modes Single shot (Threshold, Auto), continuous logging

Sample rates From 20 to 40000 samples per second (depending on number of channels, and results)

Record time 128 to 131072 points (0.128 to 131.072 seconds at 1000 sps)

Pre-trigger 0% – 100% in 5% steps

Memory 247 × 4 s waveforms at 1000 samples per second, with 1029 summaries  
33182 summaries in single shot mode (no waveforms) or continuous logging mode

### User Interface

Display LCD 16 characters × 2 lines, with backlight  
Transparent waterproof cover on case

Keypad 6 domed tactile keys + power switch

Connectors – top panel Mini USB for PC communications  
Charger

Connectors – sensors MS12–10 for triaxial geophone  
RO4–6 for microphone

### Power Supply

Batteries Internal rechargeable NiMH 4.5 A·h @ 9.6 V  
336 hours continuous run time (depending on Settings)

Charger International voltage (90 V to 260 V, 50 Hz to 60 Hz)  
IEC320-C8 cable

Recharge Time Approx. 6 hours

### Physical

Temperature Operating 0°C to 70°C (32°F to 158°F)  
Display 0°C to 50°C (32°F to 122°F)

Dimensions 191 mm × 129 mm × 80 mm

Weight 1.6 kg

Environmental Sealed to IP65 when geophone and microphone connected, or caps in place

EMC Emissions to CFR47 FCC Part 15B, Class B Verification  
Emissions to CISPR:2005, Class B