Touchable PC type Data Logger | GTDL-610

This product is a multi-channel Data Logger equipped with SD data memory and touchable screen setting sensors, displaying graphs and saving data without PC connection. By connecting the strain gauge, the measurement of strain rate and measurement sensors for load cell, LVDT, pressure, torque, accelerometer, potentiometer, RTD, thermocouple or voltage are available. Also, built-in USB memory port in front part facilitates data transfer to PC.
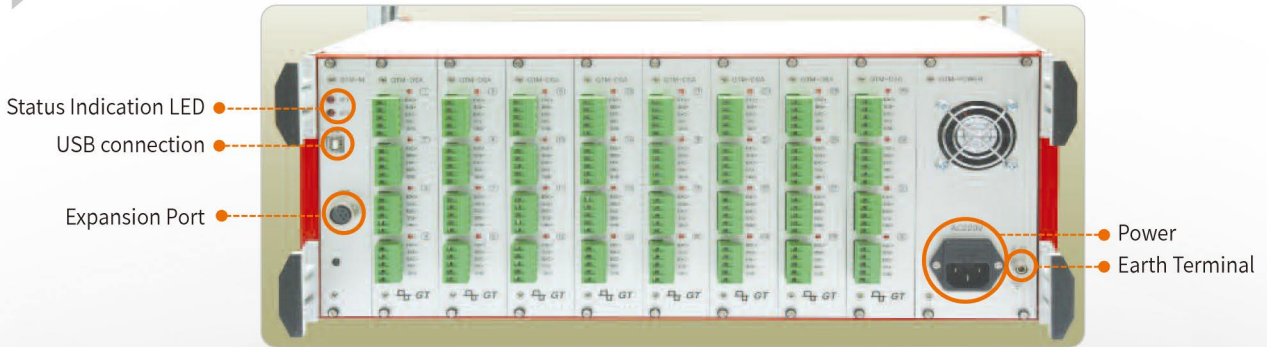
| Feature |

- Multi-channel/multi-function static and dynamic data logger
- Built channel in slot type, 4-channel per slot
- Built-in data logger expansion port
- 10.2" big-sized touchable screen, 16G SD data memory

- Noise removal by low pass filter circuit
- Automatic zero point adjustment by Autozero button
- Able to select sensor type, power supply, amplification ratio of amplifier or filter frequency
- USB interface, real-time measurement by connecting multiscan software

| Specification |

Model	GTDL-610
Number of Channel	4, 8, 12, 16, 20, 24, 28, 32 channel
Display & data memory	10.2" TFT Touchable LCD 16G SD Data Memory, USB Memory Stick Port(EXT)
Measure frequency	1,000 Hz
Connector for sensor	5p Screw connector or TAJIMI
Input Sensor	- 1Gage & 2Gage : 120 Ω, 350 Ω - 4 Gage Bridge Sensor : 0.5 mV/V ~ 100 mV/V - Potentiometer Sensor - Pt100 temperature sensor , thermo couple temperature sensor J, K, T, E, R, S - Voltage : 10V
Strain Input Range	10,000, 100,000, 1,000,000 X 10-6 strain
Low Pass Filter	10 Hz, 100 Hz, 1 KHz, Pass Program Selectable
Bridge excitation	DC 2 V, 5 V, 10 V Program Selectable
Interface	USB
Program	Multiscan S/W & Multiload S/W
Dimension	450(W)*180(H)*310(D)mm
Power	AC 220 V, 50~60 Hz

| Back Side |

Status Indication LED
USB connection
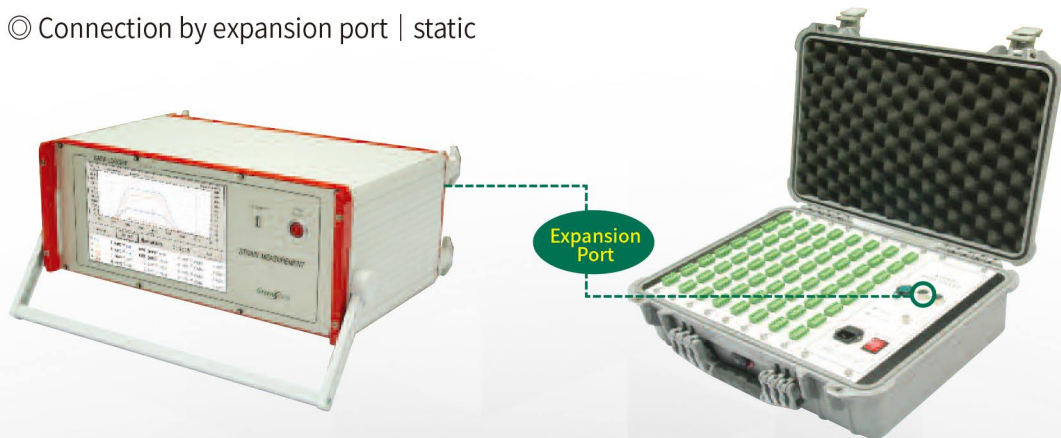Expansion Port
Power
Earth Terminal

4 channel * 8 slot = 32 channel

| Connecting method for a couple of Data Logger |

◎ Connection by expansion port | static

Expansion Port

GTDL-610 (32 channel) + GTDL-620 (64 channel) = 96 channel

◎ Connection by USB port | dynamic

USB

USB

GTDL-610 (32 channel) + GTDL-610 (32 channel) = 64 channel