

This data logger is Max.56 channels dynamic & static strain measurement equipment which connect with PC, and display graph and record data. This data logger can measure static test without PC because has built-in SD memory and touch screen. Strain can be measured after strain gage is wired, and strain gauge type sensors as like load cell, pressure sensor, torque sensor, LVDT and potentiometer and so forth, can be measured also. The data can be transmitted to PC easy through the front side USB port.

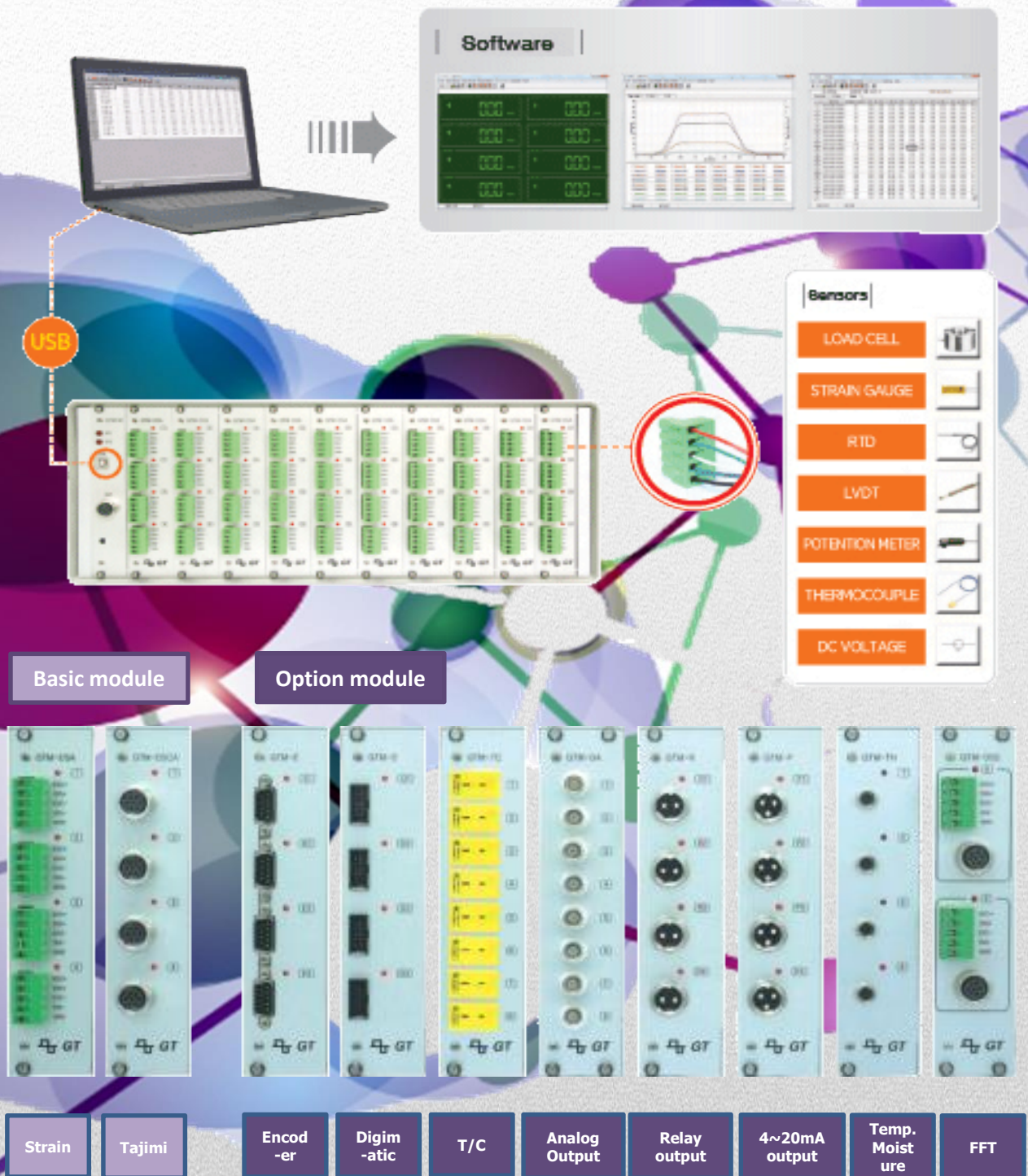
Feature

- * Static & dynamic multi functions data logger for site
- * Easy movement and strong and waterproof case
- * 8 chs per slot type
- * Remove noise by low pass filter.
- * Auto zero by auto zero button
- * 1gage 3wire type, 2gage, 4gage bridge can be connected.
- * Selectable both Tajimi or 5p Screw connector
- * Selectable 12V power



Specification

Model	GTDL-600
Number of channel	Max. 56Channels (8, 16, 24, 32, 40, 48)
Measure frequency	1,000Hz
Connector for sensor	Selectable Tajimi or 5p Screw connector
Display & Data memory	7" TFT touch LCD 16G SD DATA memory, USB memory stick port (EXT)
Input sensors	<ul style="list-style-type: none"> - 1Gage & 2gage : 120Ω , 350Ω - 4 Gage bridge sensor : 0.5mV/V - 100mV/V - Potentiometer type sensor - Pt100 RTD - Voltage output type sensor ±10V
Strain input range	<ul style="list-style-type: none"> - Gain 1000 : ±10,000 [uStrain] - Gain 100 : ±100,000 [uStrain] - Gain 10 : ±1,000,000 [uStrain]
Low Pass Filter	Selectable 10Hz, 100Hz, 1Khz by program
EXC Voltage	Selectable 2Volt , 5Volt , 10Volt by Program
Interface	USB
Program	Multiscan S/W & Multiload S/W
Dimension	500(W) * 380(D) * 190(H) mm
Power	Free voltage AC85~264V , 50~60Hz



Channel extension by
extension port

Channel extension by
USB port

Wiring

1 GAGE 3WIRE 	2 GAGE 	4 GAGE(STRAN) 																		
4 GAGE(SENSOR) <table border="1"> <tr><td>Loadcell</td><td>EXC+</td><td>A</td></tr> <tr><td></td><td>SIG+</td><td>B</td></tr> <tr><td>Lvdt</td><td>EXC-</td><td>C</td></tr> <tr><td></td><td>SIG-</td><td>D</td></tr> <tr><td>Pressure</td><td></td><td>E</td></tr> <tr><td>Acce.meter</td><td>SHD.</td><td></td></tr> </table>	Loadcell	EXC+	A		SIG+	B	Lvdt	EXC-	C		SIG-	D	Pressure		E	Acce.meter	SHD.		POTENTION METER 	DC VOLT
Loadcell	EXC+	A																		
	SIG+	B																		
Lvdt	EXC-	C																		
	SIG-	D																		
Pressure		E																		
Acce.meter	SHD.																			
Pt 100 RTD 	4~20mA Output Sensor 	Thermocouple 																		