

This data logger is 8 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.

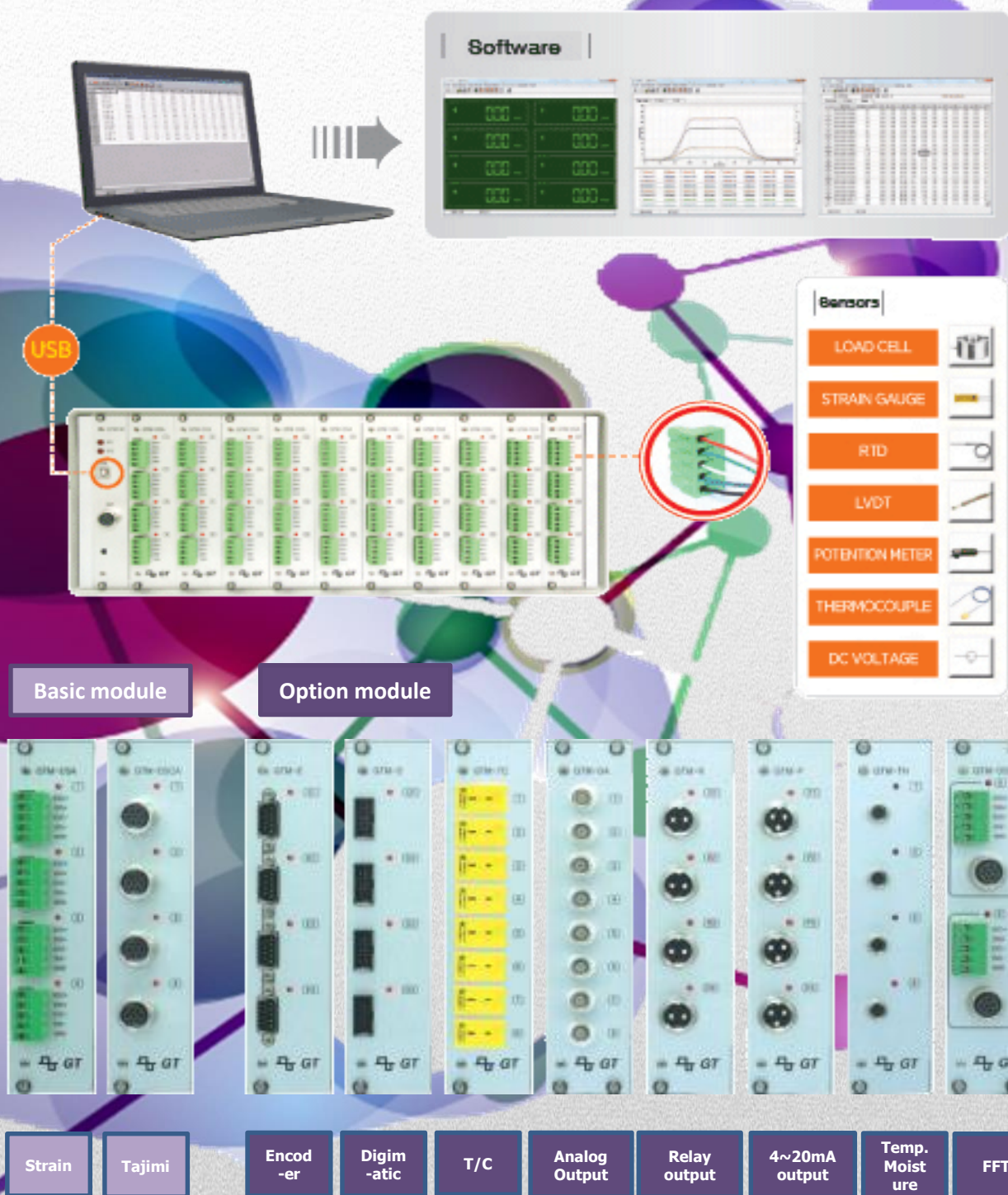
Feature

- * 8 channels static & dynamic data logger.
- * Built-in 120Ω, 350Ω bridge circuit
- * Remove noise by low pass filter.
- * 1gage 3wire type, 2gage, 4gage bridge can be connected.
- * Use both Tajimi and 5p Screw connector
- * Small size, light weight and USB interface



Specification

Model	GTDL-162
Number of channel	8 Channels
Measure frequency	1000Hz
Display & data memory	7" Touch screen 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 Thermocouple - 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	435(W) * 300(D) * 132(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 																		