

This data logger is Max. 32 channels dynamic & static strain measurement equipment which can monitor result and record data with PC and SD memory card. Strain measured after strain gage is wired, and strain gauge type sensors as like load cell, pressure sensor, torque sensor, LVDT and can be potentiometer and so forth, can be measured. The data can be transmitted to PC easy through the front side USB port.

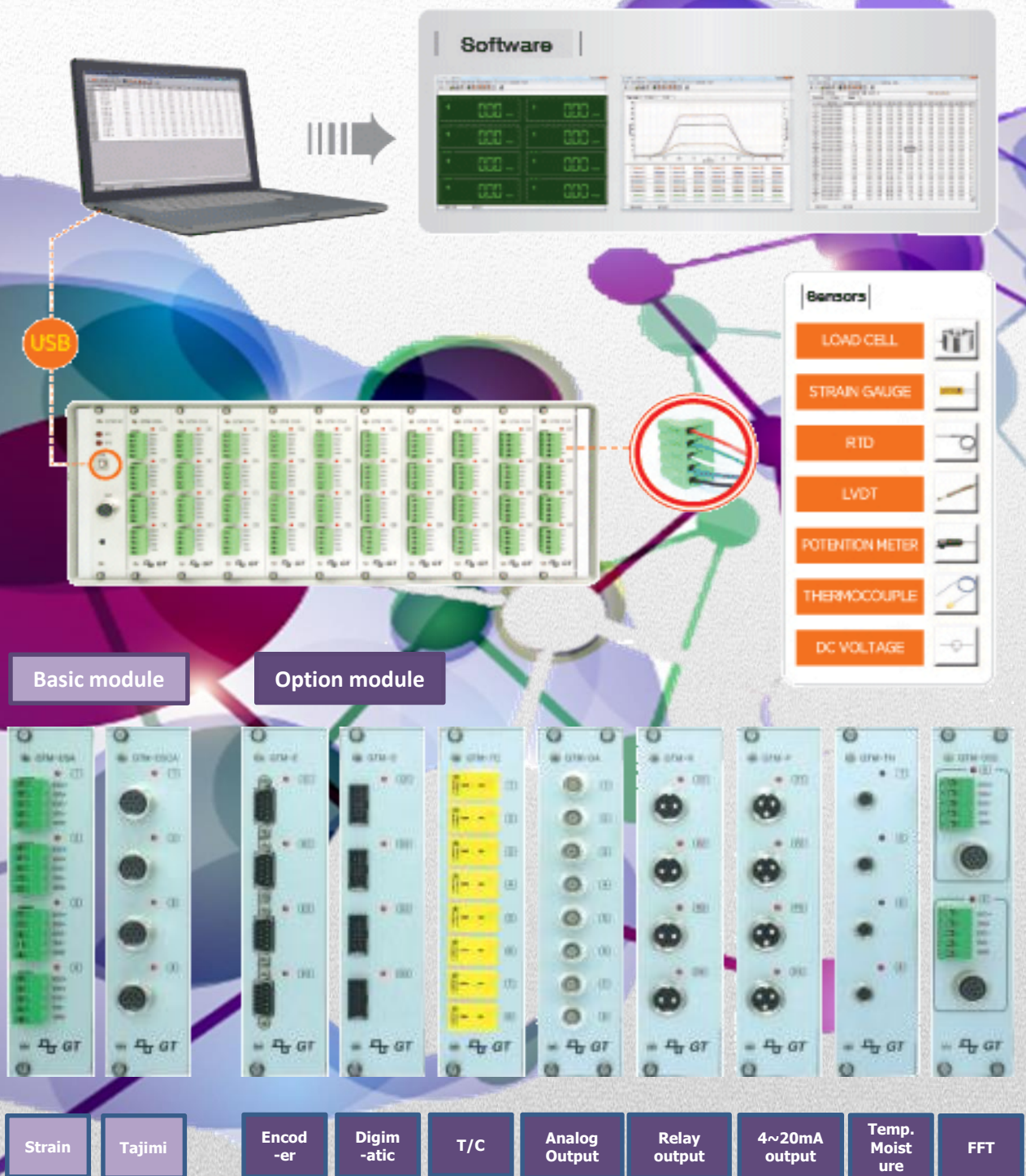
Feature

- * Max. 32 channels static & dynamic data logger.
- * Real-time measurement by USB port
- * 4channels per slot type
- * 1kHz frequency measurement by each channel
- * Built-in 120 Ω , 350 Ω bridge circuit
- * Remove noise by low pass filter.
- * 1gage 3wire type, 2gage, 4gage bridge can be connected.
- * Selectable both Tajimi or 5p Screw connector



Specification

Model	GTDL-360
Number of channel	Max. 32Channels (4, 8, 12,16,20,24,28)
Measure frequency	1,000Hz
Connector for sensor	Selectable 5p screw connector or Tajimi
Input sensor	- 1Gage & 2gage : 120Ω , 350Ω - 4 Gage bridge sensor : 0.5mV/V - 100mV/V - Potentiometer type sensor - Pt100 RTD, Thermocouple (J, K, T, E, R, S) - Voltage output type sensor $\pm$10V
Strain input range	- Gain 1000 : $\pm$10,000 [uStrain] - Gain 100 : $\pm$100,000 [uStrain] - Gain 10 : $\pm$1,000,000 [uStrain]
Low Pass Filter	Selectable 10Hz, 100Hz, 1Khz by program
Interface	USB
Program	Multiscan S/W & Multiload S/W
Dimension	470(W) * 190(H) * 320(D) 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 																		