

Description

This data logger is portable and handy type strain measurement system that can measure 4 strain gauge bridge sensors, 1 gauge and 2 gauge. And 3.2" TFT touch screen, 4GB save memory, Lithium ion battery, USB charging and communication are built-in for multi function.

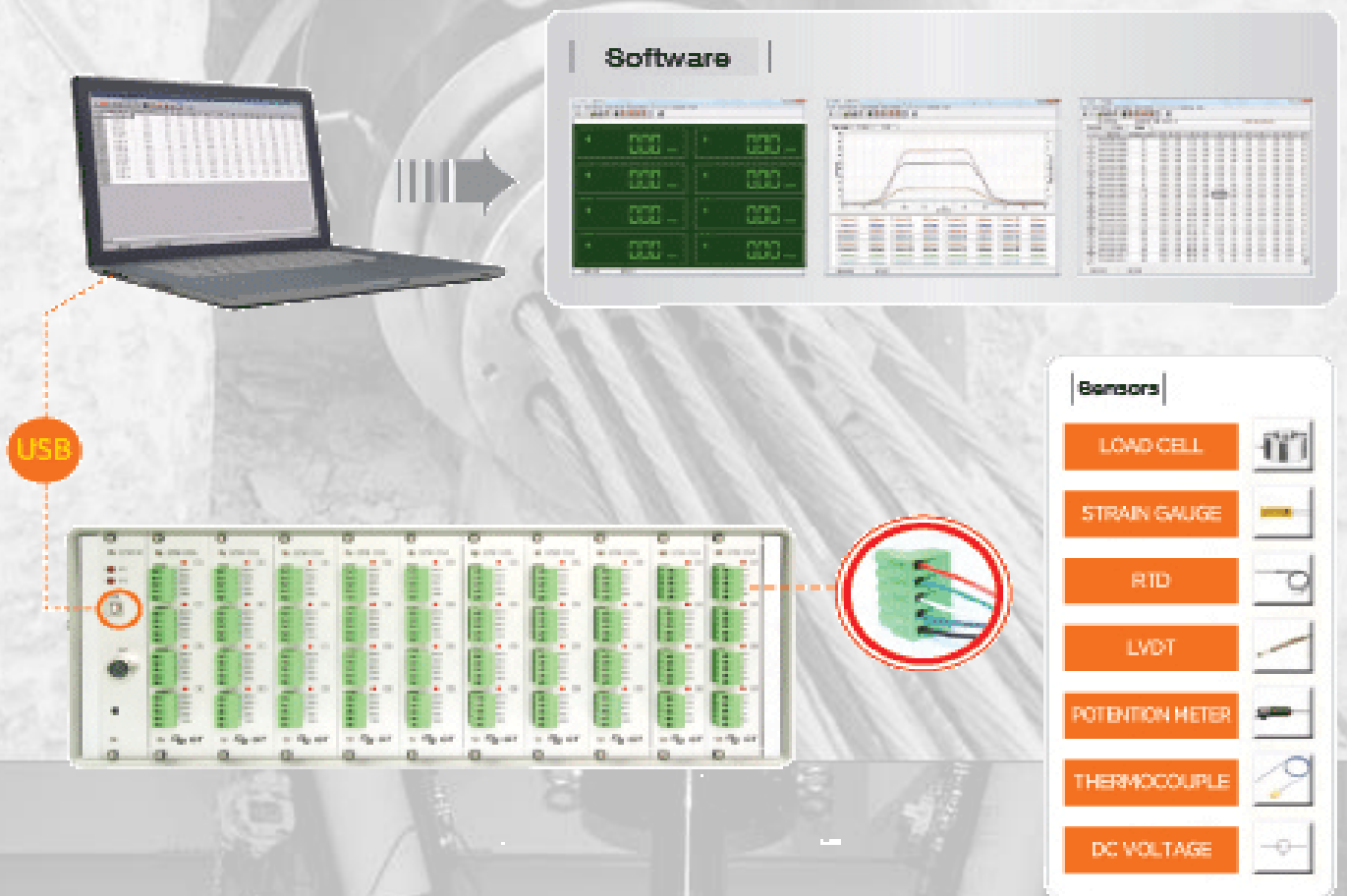
Feature

- * 1 channels static & dynamic data logger.
- * Multi functions with touch screen and built-in data memory
- * Built-in 120Ω, 350Ω bridge circuit
- * Remove noise by low pass filter.
- * Auto zero by auto zero button
- * 1gage 3wire type, 2gage, 4gage bridge can be connected.
- * Use both Tajimi and 5p Screw connector



Specification

Model	GTDL-H20
Display	3.2 inch TFT touch LCD
Internal battery	Lithium-ion 3.7V, 18000mAh
Input sensor	- 1gage & 2gage : 120Ω, 350Ω - 4gage bridge sensor : 0.5mV/V - 10mV/V - Potentiometer Sensor - Pt100 RTD
Internal data memory	4G Byte data memory
Strain input range	±30,000 [uStrain]
A/D conversion	24 bit
A/D conversion speed	50 times/sec
Data save	4,000 point save
Interface	USB
Program	Miltiscan S/W & Multiload S/W
Dimension	98(W) * 200(H) * 32(D) mm



Strain

Tajimi

Encod
-er

Digim-
atic

T/C

Analog
Output

Relay
output

4~20mA
output

Temp.
Moist
ure

FFT

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>Pressure</td> <td>SIG-</td> <td>D</td> </tr> <tr> <td>Acce.meter</td> <td>SHD.</td> <td>E</td> </tr> </table>	Loadcell	EXC+	A		SIG+	B	Lvdt	EXC-	C	Pressure	SIG-	D	Acce.meter	SHD.	E	POTENTION METER	DC VOLT
Loadcell	EXC+	A															
	SIG+	B															
Lvdt	EXC-	C															
Pressure	SIG-	D															
Acce.meter	SHD.	E															
Pt 100 RTD	4~20mA Output Sensor DC 24V POWER SUPPLY	Thermocouple J,K,T,E,R,S TYPE															