

DATA LOGGER | GTDL-350 | GTDL-360

This data logger is dynamic strain measurement equipment which connect with PC and display graph and record data. Strain can be measured after strain gage is wired, and strain gauge type sensors as like load cell, pressure sensor, and torque sensor, LVDT and potentiometer, RTD and thermocouple, and voltage type sensor can be measured.



▲GTDL-350



▲GTDL-360

Feature |

Max. 40 channel dynamic data logger.
Real-time measurement by USB port
4channels per slot type
1kHz frequency measurement by each channel

Remove noise by low pass filter.
16bit, 200kHz high efficient A/D converter
Selectable both Tajimi or 5p Screw connector

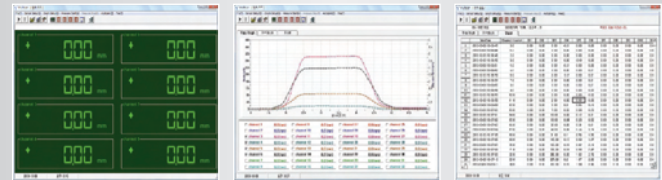
Specification |

| Model | GTDL-350 | GTDL-360 |
|----------------------|--|--|
| Number of Channel | 4, 8, 12, 16 channel | 4, 8, 12, 16, 20, 24, 28, 32, 36, 40 channel |
| Measure Hz | 1000Hz | |
| Connector for sensor | 5p Screw connector or TAJIMI | |
| Input Sensor | - 1Gage & 2Gage : 120Ω, 350Ω - 4Gage Bridge Sensor : 0.5 mV/V ~ 100mV/V - Potentionmeter Sensor - Pt100 RTD, Thermocouple J, K, T, E, R, S - Voltage : 10V | |
| Strain Input Range | 10000, 100000, 1000000 X 10 ⁻⁶ strain | |
| Low Pass Filter | 10Hz, 100Hz, 1Khz, Pass Program Selectable | |
| Interface | USB | |
| Program | Multiscan S/W & Multiload S/W | |
| Demension | 260(W)*190(H)*270(D)mm | 470(W)*190(H)*320(D)mm |
| Power | AC220V, 50~60Hz | |

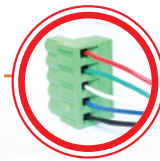
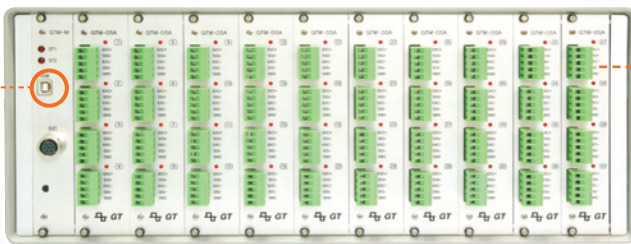
LAYOUT










| PC PROGRAM



USB



| SENSOR |

- LOAD CELL 
- STRAIN GAUGE 
- RTD 
- LVDT 
- POTENTION METER 
- THERMOCOUPLE 
- DC VOLTAGE 

| Module |

| Option module |

| | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |  |  |
| 스트레인모듈 | 스트레인타자이모듈 | 엔코더모듈 | 디지털타이모듈 | 서머커플모듈 (J,K,T,E,R,S) | 아날로그출력모듈 ($\pm 10V$) | 릴레이출력모듈 | 4~20mA출력모듈 (24V출력) | 습도모듈 | FFT모듈 (10KHZ) |