INSTRUMENTS
TECHNO TEST

GRAPHTEC INSTRUMENTS

Compact Standalone GL260 data LOGGER

Evolved

SIMPLE • PORTABLE • VERSATILE

REMOTE

NEW FEATURES including CLOUD ACCESS

Alarm History Function
- Easy search of event dates and history

Enhanced CH to CH Calculation
- New calculation functions added

Memory Loop Function
- Enables recording for longer periods of time

G-REMOTE
- **Cloud Server Service**
- **Remote Control Service**
- **Data Storage Service**

*Additional charge for use.
*Offered in limited areas only.

GRAPHTEC
Graphtec America, Inc.

GL260 data LOGGER

GRAPHTEC INSTRUMENTS

SPECIFICATIONS

Item		Description
Analog input	Number of channels	10ch / Screw terminal (M3)
	Type	Scans channels for sampling, All channels isolated, balanced input
	Measurement range	Voltage: 20mV - 100V, 1-5V F.S.
		Thermocouple: K, J, E, T, R, S, B, N, C and (the old W: WRe5-26)
		Humidity: 0 - 100% (optional item B-530 is required)
	Filter	Off, 2, 5, 10, 20, 40 (moving average in selected number)
	Max. input voltage	Between(+) / (-) terminal: 20mV - 1V range: 60V p-p
		2V - 100V range: 110V p-p
		Channels ((-) / (-)): 60 V p-p Channel / GND: 60 V p-p
External input (*1)	Number of channels	Trigger of Sampling (1 channel), or External Sample Inputs 1ch Logic / Pulse (4 channel)
	Pulse input	Rotation count (RPM) mode (*2) Accumulating count mode Instant count mode Max. input frequency : 50kHz / Max. count: 50kc / sampling
External output (*1)		Alarm output: 4ch
Scaling function Sampling interval A/D converter		Analog channel, Pulse channel 10ms - 1h (10ms to 50ms: voltage only, limited number of CH) External signal ΔΣ type, 16Bit (effective resolution: 1/40,000 of ± range)
PC I/F		USB2.0, wireless LAN (optional item B-568 is required)
Storage medium (*3)	Storage	Built-in memory : approx. 8GB, SD card slot: 1
	Data format	GBD / CSV
Capturing mode		OFF (default), Ring, Relay
Other functions		Calculation function, Trigger, Alarm function, Data backup function(*4)
Display Operating environment (*5)		4.3" TFT (WQVGA: 480 x 272 dots) 0 - 45°, 5 - 85% RH
Power source	AC adaptor	AC100 - 240V / 50 - 60Hz
	DC input	DC 8.5 - 24V (optional item B-514 is required)
	Battery pack	DC 7.2V (2875mAh) (optional item B-573 is required)
Power consumption		Max. 36VA (when AC100V)
Dimentions Weight		188 (W) x 117(D) x 42(H) mm 500g (excluding AC adaptor and battery pack)
Vibration resistance		Equivalent to Automobile parts Type 1 Class A

OPTIONS

Item	Model No.	Description
GL wireless LAN unit	B-568	Standard: IEEE802.11b / g / n Communication distance: approx. 40m (Depending on the situation)
Battery pack	B-573	1 unit: 7.2V/2875mAh
Input/Output cable for GL	B-513	2m long (no clip on end of cable)
DC drive cable	B-514	2m long (no clip on end of cable)
Humidity sensor (*7)	B-530	3m long (with power plug)
Shunt resistor 250Ω	B-551-10	±250 Ω (0.1%), Rated power of 1 W, Maximum operating voltage15.8V
AC adapter for GL260	ACADP-20	AC adapter for maintenance
Type K TC adapter	TC-K-5	Type K mini-connector to spade lugs, 12", 5 pack
Type T TC adapter	TC-T-5	Type T mini-connector to spade lugs, 12", 5 pack
Pelican case	B-536US-260	Custom Pelican case for GL260

CLOUD SERVICE (G-REMOTE)

(*Additional charge for use)

Item	Description
Supported OS (*6)	Windows11/10
Supported WEB browser	Google Chrome (reccomended), Microsoft Edge, Firefox (*Internet browser supporting HTML5)
Service content	<Remote control service> Easy remote control and confirmation of measurement data from G-REMOTE on a browser via an Internet connection <Data save service> Storing data on Graphtec cloud servers via Internet connection * For more information about product, please check the web site

Max Sampling Interval of up to 10ms

By narrowing down the number of channels, enabled to record data in max. 10 ms.

Sampling Interval		10ms	20ms	50ms	100ms
Number of CHs		1	2	5	10
Measuring	Voltage	✓	✓	✓	✓
	Temp.	—	—	—	✓

8GB memory for reliable long-term measurement

Recording time example (when only 10 analog channels are used, 2 GB recorded)*

Sampling Interval*2	10ms	50ms	100ms	200ms	500ms	1s
GBD Format	41 days	88 days	103 days	207 days	Over 365	Over 365 [1]
CSV Format	3 days	12 days	18 days	36 days	91 days	182 days

*1: Recording times are approximate.
*2: Depending on the sampling interval, the number of channels are limited. 10ms: 1ch, 20ms: 2ch, 50ms: 5ch

SOFTWARE SPECIFICATIONS PC

Item	Description
Supported OS (*6) GL28-APS	Windows11/10 PC for date logger settings, data recording, storage, playback
	Supported Models: GL260/GL840/GL240
	Connectable Units / channels: Max. 10 units / 1,000ch
GL-Connection	GL Series Integration Software
	PC for date logger settings, data recording, storage, playback
	Supported models: GL7000/GL2000/GL980/GL840 GL240/GL260/GLT400 Connectable units: 20
	Max. 2000ch

CALIBRATION (Production Data)

Item	Code
NIST-CAL	NIST calibration with cert.
NIST-CAL-DATA	NIST calibration with cert & data
ISO-17025-260	ISO-17025 calibration for GL260

*Documents ordered at the time of product purchase are data at the time of manufacture.
*Please visit calibration services section of our website for details.

*1: Input/Output cable for GL (option B-513) is required.
*2: The pulse count mode counts the number of pulses per sample interval and converted to revolutions per minute.
*3: Recorded in 2GB per file, SD cards available.
*Supported SDHC, up to approx. 32GB memory
*4: If the ring setting and external sampling function is ON, the backup function is not available. If the backup destination is FTP , GL wireless LAN unit(B-568) is required.
*5: When operating with battery pack 0 to 40° C, charging battery 15 to 35° C
*6: OS that are no longer supported by the OS manufacturer are not supported by Graphtec.
*7: Available temperature range: -25°~+80° Special order/ 10m, 15m, 20m avilable)
*8: Specifications are subject to change without notice as this is a commercial product.

- Due to the possibility of equipment or PC failure, the data files on the instrument will not be guaranteed to be held on the memory.
- Please make a back up of data whenever possible to avoid data loss
- Brand names and product names listed in this brochure are the trademarks or registered trademarks of their respective owners.
- Items mentioned are subject to change without notice. For more information about product, please check the web site or contact your local representative.

GL260_q_KE10950_1D

⚠ For using equipment in correctly and safely

- Before using it, please read the user manual and then please use it properly in accordance with the description.
- To avoid malfunction or an electric shock by current leakage or voltage, please ensure a ground connection and use according to specifications.