LABTEX

Data Loggers

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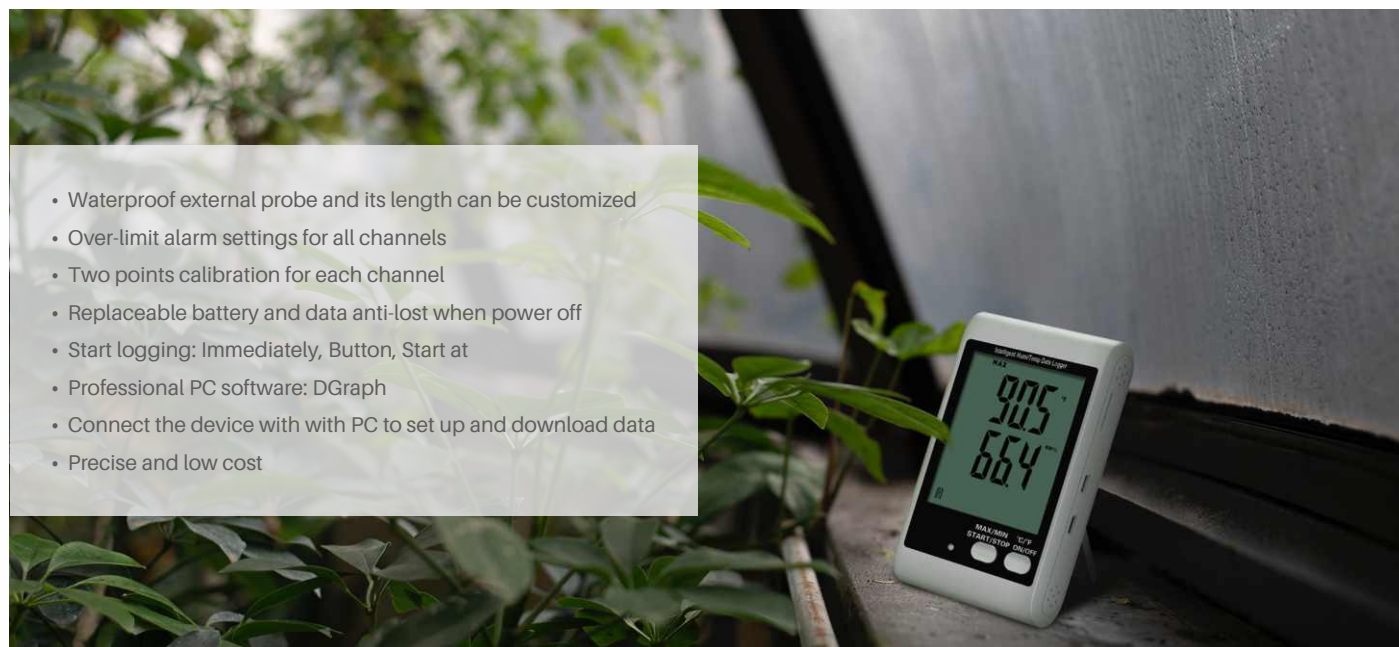
SMS Alarm Data Logger

GSM-10E / GSM-11E / GSM-20E / GSM-21E

These data loggers can be used to measure and store readings of humidity and temperature automatically. The device is with a large LCD which can display real-time readings and logging indication. These data loggers can send SMS alarm messages to the authorized user if the humidity and temperature exceed the limits of the setting. User can also dial the data logger through any mobile phone to get the readings of humidity and temperature.

User can set up and download the recorded data through the software easily by connecting the device to PC via USB. Then user can view and analyse the data, or export files in different formats(txt, xls, csv, bmp, jpg).

- Waterproof external probe and its length can be customized
- Over-limit alarm settings for all channels
- Two points calibration for each channel
- Replaceable battery and data anti-lost when power off
- Start logging: Immediately, Button, Start at
- Professional PC software: DGraph
- Connect the device with with PC to set up and download data
- Precise and low cost

SPECIFICATIONS

		GSM-10E	GSM-11E	GSM-20E	GSM-21E
Relative humidity	Measuring range			0~100%RH	0~100%RH
	Accuracy			±3%RH(20~80%RH,25°C) ±5%(others)	±2%RH(20~80%RH,25°C) ±3%(others)
	Resolution			0.1%RH	0.1%RH
Temperature	Measuring range	-40 to 125°C (-40 to 257°F)	-40~125°C (-40~257°F)	-40~125°C (-40~257°F)	-40~125°C (-40~257°F)
	Accuracy	±0.5°C(0~60°C) ±1°C(others)	±0.2°C(10~60°C) ±0.7°C(others)	±0.3°C(0~60°C) ±0.9°C(others)	±0.3°C(0~60°C) ±0.9°C(others)
	Resolution	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)	0.1°C(0.2°F)
Sensor location		External	External	External	External
Readings memory		32,000	32,000	32,000	32,000
Sample rate		1s to 24h	1s to 24h	2s to 24h	2s to 24h
PC software		DG raph software and USB driver required (included in cd)			
Power supply		Rechargeable lithium battery, or power supply via USB interface			
Dimension		120mmX74mmX24mm(4.8"X2.9"X0.9")			
Case material and weight		ABS; Approx. 130 grams(4.59 oz)			

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GSM-10E

SMS / Sound / Light Alarm Temperature Data Logger

- A Large LCD Display
- High Reliability and Stability for Industrial-grade Application
- With External Probe

- Part no.: 1000200050 -
- Probe part no.: 1000700090 -

GSM-11E

SMS / Sound / Light Alarm Humidity and Temperature Data Logger

- A Large LCD Display
- High Reliability and Stability for Industrial-grade Application
- With External Probe

- Part no.: 1000200048 -
- Probe part no.: 1000700083 -

GSM-20E

SMS / Sound / Light Alarm Humidity and Temperature Data Logger

- A Large LCD Display
- High Reliability and Stability for Industrial-grade Application
- With External Probe

- Part no.: 1000200046 -
- Probe part no.: 1000700085 -

GSM-21E

SMS / Sound / Light Alarm Humidity and Temperature Data Logger

- A Large LCD Display
- High Reliability and Stability for Industrial-grade Application
- With External Probe

- Part no.: 1000200044 -
- Probe part no.: 1000700084 -

Accessories				Part no.
Temperature external probe −40~125°C, ±0.5°C	Mini-USB	Φ 2.8mm 2m	Φ 4mm 87mm	1000700090
Temperature external probe −40~125°C, ±0.2°C	Mini-USB	Φ 2.8mm 2m	Φ 4mm 87mm	1000700083
Temperature and humidity external probe −40~125°C, ±0.3°C; 0~100%RH, ±3%RH	Mini-USB	Φ 2.8mm 3m	Φ 5.8mm 21mm	1000700085
Temperature and humidity external probe −40~125°C, ±0.3°C; 0~100%RH, ±2%RH	Mini-USB	Φ 2.8mm 3m	Φ 5.8mm 21mm	1000700084

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