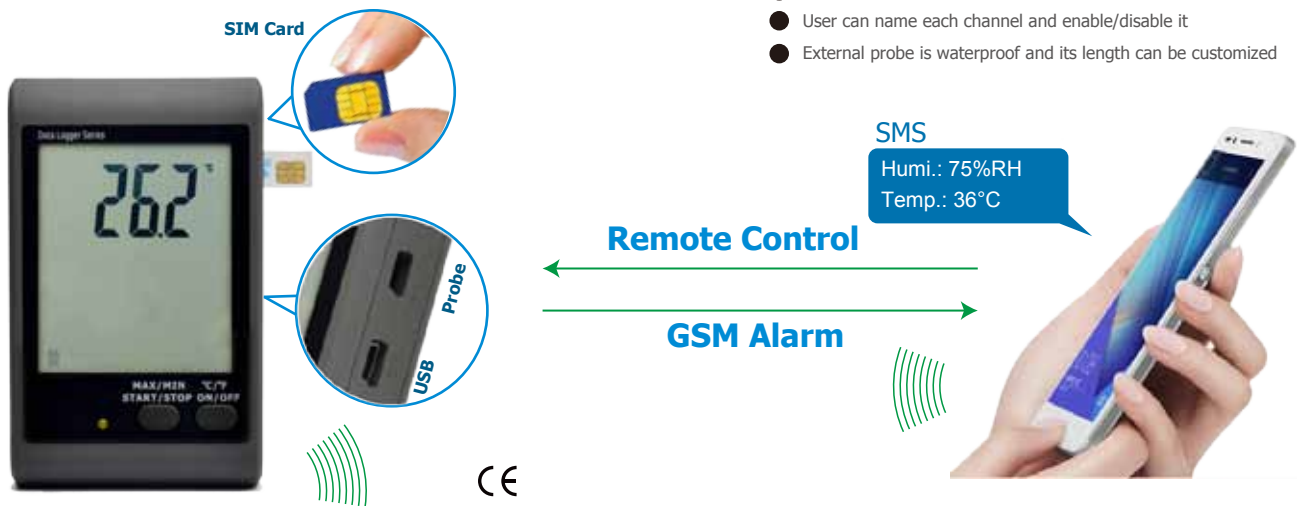# --GSM Alarm Temperature/Humidity Data Logger

■ GSM Series

This data logger can measure and store humidity/temperature readings automatically. It has a large LCD that can display realtime readings and logging information. This unit can send GSM alarm message to authorized user mobile phone if humidity/temperature exceeds set limits, and the user can dial the data logger through any mobile phone to get humidity and temperature readings.

More professional applications can be provided by the unique PC software DGraphTM under Windows xp/7/8 (32/64 bits). User can easily use the software to setup and download data to PC via USB. And user can view, analyse and print the data, or export other file formats(txt, xls, csv, bmp, jpg).

■ Features and Benefits

- Precise and low cost
- USB interface communicate with PC for setup and data download
- Unique and uniform PC control software: DGraph
- Each unit has single serial number
- User can set access password fo each data logger
- Start logging method: Immediately, Button, Start at
- Replaceable battery and data is not lost if exhausted
- Two point calibration for each channel
- Alarm limit settings for all channels
- User can customize compound graph
- User can customize new unit easily
- User can name each channel and enable/disable it
- External probe is waterproof and its length can be customized

SIM Card

SMS
Humi.: 75%RH
Temp.: 36°C

Remote Control

GSM Alarm

Probe

USB

MAX/MIN °C/°F
START/STOP ON/OFF

CE

■ Data Recorder   ■ Alarm Transmitter   ■ Instruction Receiver

Specifications	Model	GSM-10	GSM-11	GSM-10E	GSM-11E	GSM-20	GSM-21	GSM-20E	GSM-21E
Relative Humidity	Measurement Range					0 to 100%RH	0 to 100%RH	0 to 100%RH	0 to 100%RH
	Accuracy(Typ.)					±3%RH	±2%RH	±3%RH	±2%RH
	Resolution(Typ.)					0.1%RH	0.1%RH	0.1%RH	0.1%RH
Temperature	Measurement Range	-35 to 80℃ (-31 to 176℉)	-35 to 80℃ (-31 to 176℉)	-40 to 125℃ (-40 to 257℉)	-40 to 125℃ (-40 to 257℉)	-35 to 80℃ (-31 to 176℉)	-35 to 80℃ (-31 to 176℉)	-40 to 125℃ (-40 to 257℉)	-40 to 125℃ (-40 to 257℉)
	Accuracy(Typ.)	±0.5℃ (±0.9℉)	±0.3℃ (±0.5℉)	±0.5℃ (±0.9℉)	±0.3℃ (±0.5℉)	±0.3℃ (±0.5℉)	±0.3℃ (±0.5℉)	±0.3℃ (±0.5℉)	±0.3℃ (±0.5℉)
	Resolution(Typ.)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)	0.1℃(0.2℉)
Sensor Location		Internal	Internal	External	External	Internal	Internal	External	External
Memory Capacity		32,000	32,000	32,000	32,000	32,000	32,000	32,000	32,000
Sample Rate		1s to 24h	1s to 24h	1s to 24h	1s to 24h	2s to 24h	2s to 24h	2s to 24h	2s to 24h
PC Software		DGraph software and USB driver required (Included in CD)							
Power Supply		Rechargeable Lithium Battery, or USB interface to Power							
Dimentions		120mm×74mm×24mm(4.8"×2.9"×0.9")							
Case Material and Weight		ABS; Approx. 130 grams(4.59 oz)							

Optional Accessories

Screws

Humidity&Temp. Probe

Temperature Probe

Standard Accessories

DGraph™

Manual