

SMS Alarm Data Logger

GSM-100E / GSM-200E / GSM-700E

This data logger is a wireless network platform temperature and humidity measurement and recording instrument. This instrument has external digital probe and external platinum resistance probe for users to choose. It has a large LCD which can display real time data and logging information.

- Support sending and receiving SMS
- SMS mode could be configurable
- Support 3 mobile phone numbers to be connected at the same time
- A variety of probes are available
- Support mobile APP to be configured settings
- Equipped with PC professional software
- Support report in multiple file formats
- Support long standby time
- Support LCD displays data in real time
- SMS with product unique identification serial number
- Support USB data transfer
- Support a variety of power solutions
- Power off and data anti-lost
- IP65 Protection Class



GSM-100E

Device with internal probe, manual, 2 batteries, ferrous and non-ferrous metal, 5 foils.

GSM-200E

Device with internal probe, manual, 2 batteries, ferrous and non-ferrous metal, 5 foils.

GSM-700E

Device with internal probe, manual, 2 batteries, ferrous and non-ferrous metal, 5 foils.

Model	GSM-100E	GSM-200E	GSM-700E
Measuring parameters	Temperature	Temperature, Humidity	Temperature
Sensor location	Internal, External	External	Internal, External
Measuring range	Internal: -30~65°C External: -40~125°C	Temperature: -40~125°C Humidity: 0~100%RH(non-condensing)	Internal: -30~65°C External: -200~250°C
Accuracy	Internal: ±0.2°C(0~65°C) ±0.5°C(others) External: ±0.2°C(0~65°C) ±0.6°C(others)	Temperature: ±0.2°C(0~65°C) ±0.6°C(others) Humidity: ±3%RH(10~90%RH,25°C) ±4%RH(others)	Internal: ±0.2°C(0~65°C) ±0.5°C(others) External: ±0.5°C(-100~100°C) ±1°C(others)
Resolution	0.1°C	Temperature: 0.1°C Humidity: 0.1%RH	0.1°C
Response time(t ₉₀)		15 min(internal probe) 5 min(external probe)	
Sample interval		10sec. to 18 hours	
Display updated interval		5 sec	
Readings Momery		25920 or 500000 optional (software optional)	
Operation environment		-10°C~50°C(non-condensing)	
Storage environment		-20°C~60°C(without battery)	
Power supply		4 pcs AA 1.5V alkaline battery; USB 5V / 2A	
Battery life		1 year(condition : operation environment 25°C, send 12 summary messages normally every day)	
Communication interface		Micro USB, DC 5V / 2A	
Weight		130g(not including battery and magnet)	
Case material		ABS	
Dimensions		109mm*96mm*35mm	
Protection class		IP65	