

S500 GSM Temperature & Humidity Data Logger

Introduction

S500 GSM data logger is designated to monitor temperature and humidity with capability to send alarming message to phone numbers set up by customers when temperature or humidity data is out of pre-defined limits; and good news when data is back within pre-defined limits. Customers can get real-time data by calling phone number in the logger.



S520-EX
-GSM

Features:

- SMS alarm: when data value exceeds limits, it will send SMS alarm message to users
- It will send SMS when temperature back to normal
- Built-in buzzer and light alarm, triggers when data value exceeds limits
- Dial the device's number to get real-time temperature & humidity data
- When external power failure/restore occurred, it sends SMS to inform users
- Displays temperature & humidity & time simultaneously, easy to operate with buttons.
- Large storage capability, record volume: 6,5000
- Professional analysis software is easy to use
- Applied multiple data protection mechanism, keep data from been lost.
- Can be use on desktop or mounted on wall

Standard Accessories



Optional Accessories



General specifications

Resolution	Temperature 0.1°C / humidity 0.1%RH
GSM network frequency	GSM 850/900/1800/1900MHz
Power	9V battery, 12V DC adapter is optional
Display	LCD display temperature & humidity data simultaneously
Measurement range	50 m ²
buttons	4 silica gel buttons: on/off, record, max/min value, backlight
Product dimensions	135mm*124mm*35mm
LCD dimensions	88mm*55mm
Weight	330g
Accessories	Analyzing software disk,usb cable,user manual,screws
Interface	USB

Model List

Model	S500-TH-GSM	S520-TH-GSM	S580-TH-GSM	S500-EX-GSM	S520-EX-GSM	S580-EX-GSM
Temperature Accuracy	±0.5°C	±0.3°C	±0.2°C	±0.5°C	±0.3°C	±0.2°C
Humidity Accuracy	±5%RH	±3%RH	±2%RH	±5%RH	±3%RH	±2%RH
Temperature Measurement Range	-20~70°C			-40~85°C		
Sensor type	Internal			External		
Record Volume	65000					
Humidity Measurement Range	0~100%RH					

Applications

It has been widely applied in agricultural research industry, food industry, medical industry, electrical industry, environment protection and laboratory field.

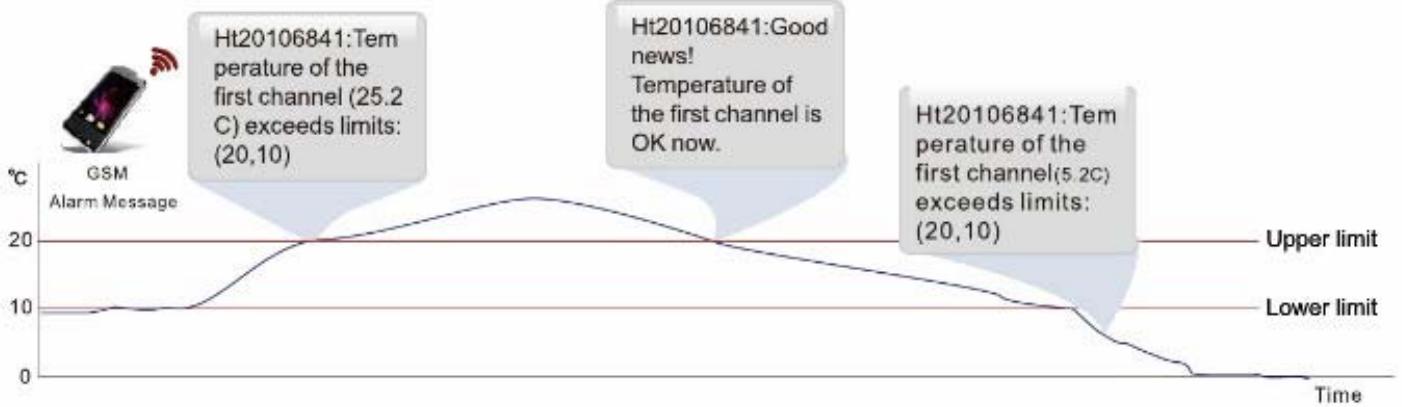


Alarm types

- 1.SMS alarm when data exceeds limits
- 2.Get real-time data by dialing
- 3.SMS alarm when power failure occur
- 4.Sound & light alarm when data exceeds limits

Alarm ways

- 1.SMS alarm
- 2.Sound & light alarm
- 3.Delay alarm (customizable)



Model List

Model	S500-DT-GSM	S500-ET-GSM	S500-EPT-GSM	S500-DPT-GSM	S520-DT-GSM	S520-ET-GSM	S520-EPT-GSM	S520-DPT-GSM
Temperature accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Sensor type	Dual external	External	External	Dual external	Dual external	External	External	Dual external
Measurement range	-40~+85°C	-40~+85°C	-100~+100°C	-100~+100°C	-40~+85°C	-40~+85°C	-100~+100°C	-100~+100°C
Record	65000							

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