

Introduction

S300 series is a type of economical and practical temperature humidity data logger, developed by HUATO, which has dual display and high precision as well as large recording capacity. S300 series temperature humidity data logger can monitor temperature, humidity and other climate parameters. HUATO S300 series is based on foreign similar type of advantage and domestic demand so that they can satisfy various customers' requirements perfectly.



Features:

- Selectable °C or °F .
- Measure temperature and humidity with internal or external sensor.
- Capacity 16,000-86,000 data memory.
- Alarm ring if user-defined maximum/minimum values are exceeded.
- Analysis software used to view graph, specific data and analysis for logging data.
- Adopt Switzerland digital temperature humidity integration sensor assure the reliability and stability.
- Logging interval: 2s-24h .
- Features visual alarms, low battery indicator.



Standard accessories



S300-TH



Optional accessories



Technical Specifications

Resolution	Temperature: 0.1 °C / Humidity: 0.1 %RH
Power supply	3.6V Lithium battery×2
Display	LCD display
Dimension	126mm×120mm×30mm (4.96"×4.72"×1.18"inch)
LCD size	66mm×42mm (2.59"×1.65"inch)
Weight	380g
Accessories	PC-Software, data cable, 3.6V Lithium battery×2, screw, user manual, AC-DC adapter and carrying box.
Interface	USB/RS232/RS485/LAN

Model List

Model	S300-TH	S300-EX	S320-TH	S320-EX	S380-TH	S380-EX
Temperature Accuracy	±0.5°C	±0.5°C	±0.3°C	±0.3°C	±0.2°C	±0.2°C
Humidity Accuracy	±5%RH	±5%RH	±3%RH	±3%RH	±2%RH	±2%RH
Record Volume	16000		43000		86000	
Sensor type	Internal	External	Internal	External	Internal	External
Temperature Measurement Range	-20 to 70°C	-40 to 85°C	-20 to 70°C	-40 to 85°C	-20 to 70°C	-40 to 85°C
Humidity Measurement Range	0~100%RH					

Applications

It has been widely applied in laboratory fields, food industry, medical industry, electrical industry, environmental protection and agricultural etc.