

Introduction

S500 temperature and humidity data logger is features large LCD display, elegant appearance and high precision. All the sensors are produced in Switzerland, which assures duality and stability. External and internal sensors are available to fit customers' specialized need.

S500-TH



S500-TH-RJ45



Standard Accessories



Optional Accessories



Technical Specifications

Resolution	Temperature: 0.1°C / Humidity: 0.1%RH
Power supply	9V block battery, optional DC9-12V adapter
Display	LCD display
Dimension	135mm×124mm×35mm (5.31"× 4.88"× 1.37"inch)
LCD size	88mm×55mm (3.4 "×2.17"inch)
Weight	380g
Accessories	PC-Software, datacable,9V blockbattery, screw, use manual, AC-DC adapter
Interface	RS485/RJ45/RS232/USB

Model List

USB interface type	S500-TH	S500-EX	S520-TH	S520-EX	S580-TH	S580-EX	S500-EX+	S500-EX++
RJ45 interface (Ethernet) model	S500-TH-RJ45	S500-EX-RJ45	S520-TH-RJ45	S520-EX-RJ45	S580-TH-RJ45	S580-EX-RJ45	S500-EX+-RJ45	S500-EX++-RSJ45
Temperature Accuracy	±0.5°C	±0.5°C	±0.3°C	±0.3°C	±0.2°C	±0.2°C	±0.5°C	±0.5°C
Humidity Accuracy	±5%RH	±5%RH	±3%RH	±3%RH	±2%RH	±2%RH	±5%RH	±5%RH
Record Volume	43000				65000		43000	
Sensor type	Internal	External	Internal	External	Internal	External	External	External
Temperature Measurement Range	-20~70°C	-40~85°C	-20~70°C	-40~85°C	-20~70°C	-40~85°C	-40~120°C	-40~180°C
Humidity Measurement Range	0~100%RH							

Applications

It has been widely applied in agricultural research, food industry, medical industry, electrical industry, environmental protection and laboratories.