



HUATO

HuatoLogger

08:30 AM

1/2
3/4

Digits

Bars

Real-time

Sessions

Stop Logging

Storage

Channel Settings

System

Multifunctional Logger



S1500 portable multi-channel thermocouple data logger support Max 16 channels input and multiple thermocouple types simultaneously . This device achieve real-time viewing of multi-channels on device and web page(RJ45 LAN) synchronously. It is an integrated and intelligent recorder.It also has the functions of external data transfer, web page viewing, RJ45 and so on. It is an integrated and intelligent recorder.

Models	Function description
S1508T	8 Channel universal input
S1512T	12 Channel universal input
S1516T	16 Channel universal input

Features

1. Support multi-channel input and up to 16 channel thermocouple input.
2. Support multiple types of Thermocouple Input: K / J / E / T / R / S / N / B / C ; Wide temperature detection range : - 270 ~ 1820 °C.
3. The fastest sampling frequency can reach 1s.
4. It has the function of viewing real-time data curve and historical data curve.
5. Large data storage capacity, 8-Channel storage capacity of 10 million records,12-channel storage capacity of 6.7 million records, 16-channel storage capacity of 5 million records.
6. A variety of external interfaces,support U disk and SD card to export the historical data,meet various needs of users.
7. Support USB flash disk and SD card to upgrade the program, which is convenient for users.



Applications



Factory



Workshop













Labs



Warehouse



 Temperature range -270~2320°C	 Waterproof and dustproof grade: IP54	 1s sampling and recording	 Patented Product
 5-inch touch color screen	 Convenient touch screen operation	 Large storage space	
 USB interface	 Intelligent display function	 Support external SD card expansion	

Product informations

Dimensions	189.3*103.5*39mm (With ProtectionWith protective sleeve)
Display	5 inch capacitive touch screen, resolution 800 * 480
Number of channels	8-channel/12-channel/16-channel universal input
Storage capacity	Single record capacity: 100000 records ; Total data recording capacity: 8 million records
Internal storage	32GB
External transfer	Support U disk (USB 2.0), SD card (32G)
Ethernet	Transmission rate: 10m / 100M bit / s , full duplex and half duplex
WIFI	2.4G (Optional)
Battery capacity	5000mAh
Sampling frequency	1s at fast
Recording frequency	1s at fast
Data format	CSV fofile format
Working temperature	-10-50°C
Storage temperature	-20-60°C
Relative temperature	5% - 95% RH, no condensation
Shell material	PC / ABS material and TPE

Portable Multi- Channel Thermocouple Data Logger S1500



Input signal			
Type	Measuring range (°C)	Resolution (°C)	Maximum allowable error(°C)
Two-wiresystem	-200-850°C	0.01°C	±1.0°C
Three-wiresystem	-200-850°C	0.01°C	±0.5°C
Four-wiresystem	-200-850°C	0.01°C	±0.1°C
Thermocouple input (excluding cold junction error), accuracy does not include cold junction compensation error, cold junction compensation error: ±1.5°C			
K	-270-1370°C	0.01°C	±0.5°C
J	-200-760°C	0.01°C	±0.5°C
E	-270-980°C	0.01°C	±0.5°C
T	-270-400°C	0.01°C	±0.5°C
R	-50-1760°C	0.01°C	±2°C
S	-50-1760°C	0.01°C	±2°C
N	-270-1300°C	0.01°C	±0.5°C
B	50-1820°C	0.01°C	±2°C
C	0-2320°C	0.01°C	425°C: ±4.5°C, 425-2320°C: 1.0%

