

### Introduction

S100 temperature data logger, developed by Huato, is featured with LCD display, elegant appearance, low energy consumption, and multiple levels of accuracy. All the sensors are manufactured in Switzerland, which assures quality and stability.

S100-T



S100-T+



### Features:

- Compact and portable design.
- Flexible recording time from 2s to 24h.
- Switchable °C and °F temperature unit.
- Battery indicator displayed to monitor batter level.
- Options for different levels of temperature accuracy.
- Energy saver: two AAA batteries can work for more than 3 months.
- Recorded data can be transferred to and analyzed by accompanied LogPro software.





S100-ET



external temperature sensor

S100-ETN



external needle sensor



### Standard Accessories



### Technical Specifications

Resolution	Temperature : 0.1°C.
Power supply	AAA battery 1.5V× 2
Display	LCD display
Dimension	92mm×57mm×20mm(3.62"×2.244"×0.78"inch)
LCD size	36mm×16mm(1.41"×0.62"inch)
Weight	150g
Accessories	PC-Software, data cable, 1.5V batter×2, user manual and carrying box.
Interface	USB

### Model List

Model	S100-T	S100-T+	S100-ET	S100-ET+	S100-ETN
Temperature Accuracy	±0.5°C	±0.5°C	±0.3°C	±0.5°C	±0.3°C
Sensortype	Internal			External, with 3m cable	
Recordvolume	43000				
Temperature Measurement Range	-20~70°C			-40~85°C	

### Applications

It has been widely used in cold-chain transportation, HVAC refrigerators, electrical industry, medical industries as well as laboratories.



### Introduction

S100 Temperature and humidity data logger, developed by Huato, is featured with LCD display, elegant appearance, low energy consumption, and multiple levels of accuracy. All the sensors are manufactured in Switzerland, which assures quality and stability.

S100-TH



S100-TH+



### Features:

- Compact and portable design.
- Flexible recording time from 2s to 24h.
- Switchable °C and °F temperature unit.
- Battery indicator displayed to monitor batter level.
- Options for different levels of temperature accuracy.
- Energy saver: two AAA batteries can work for more than 3 months.
- Recorded data can be transferred to and analyzed by accompanied LogPro software.



S100-EX



### Standard Accessories



### Specifications

Resolution	Temperature : 0.1°C./ Humidity : 0.1%RH
Power supply	AAA battery 1.5V×2
Display	LCD display
Dimension	92mm×57mm×20mm(3.62"×2.244"×0.78"inch)
LCD size	36mm×16mm(1.41"×0.62"inch)
Weight	150g
Accessories	PC-Software, data cable, 1.5V batter 2, user manual and carrying box.
Interface	USB

### Model List

Model	S100-TH	S100-TH+	S100-EX	S100-EX+	S100-EX++
Temperature Accuracy	±0.5°C	±0.3°C	±0.5°C	±0.3°C	±0.2°C
Humidity Accuracy	±5%RH	±3%RH	±5%RH	±3%RH	±2%RH
Sensor Type	Internal		External, with 3m cable		
Record volume	-20~70°C		-40~85°C		
Measuring range	43000				
Measuring range	0~100%RH				

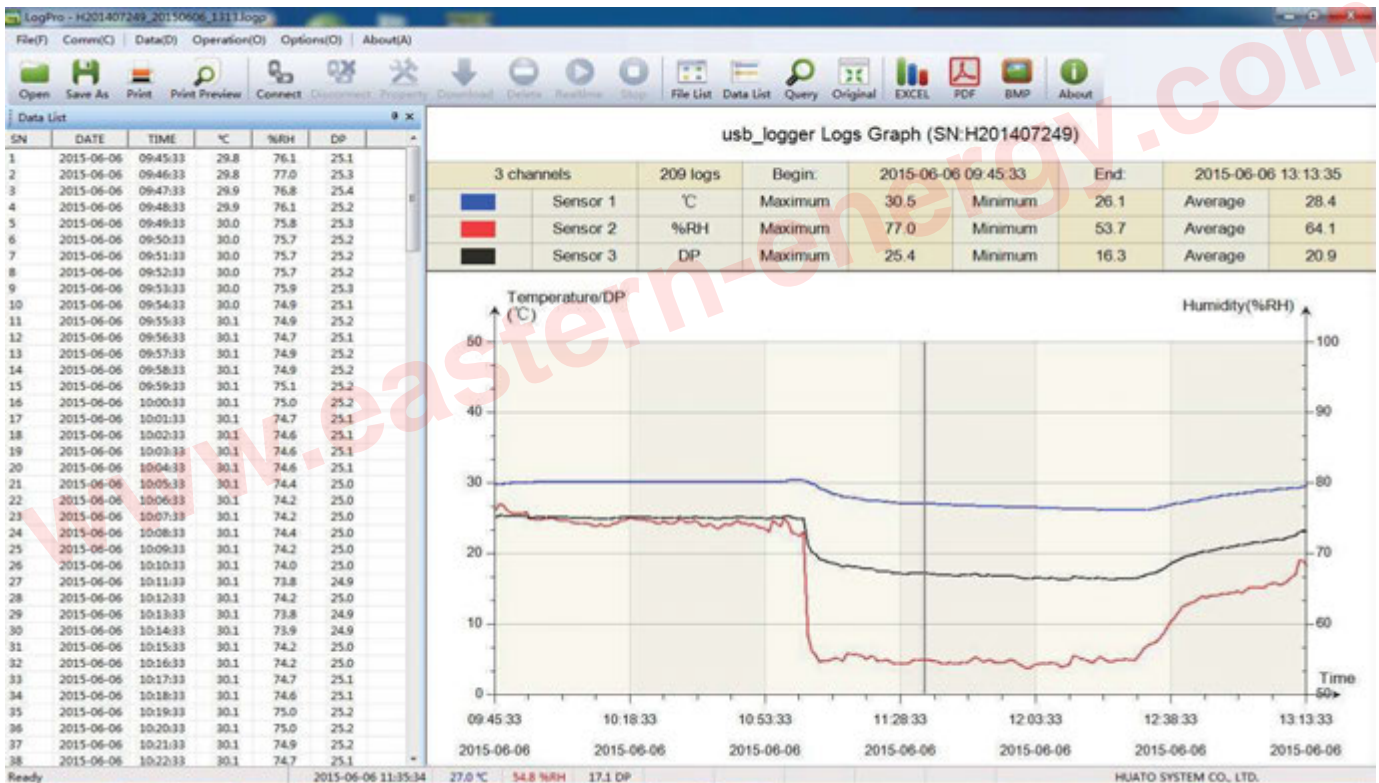
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### Logpro Recorder Analysis Software

Logpro software is Huatu temperature and humidity recorder dedicated data analysis software, beautiful interface, elegant, easy to use and efficient, the software is very comprehensive, can logger attribute settings, download logger data, graphically analyze data, export the data to Excel / pdf / BMP and other formats.



The screenshot shows a PDF viewer displaying a table of data from the usb\_logger. The table has the following structure:

SN	Time	Temp (°C)	Humi (%RH)
1	2015-03-06 14:52:40	20.3	70.5
2	2015-03-06 14:53:40	20.2	71.1
3	2015-03-06 14:54:40	20.1	71.9
4	2015-03-06 14:55:40	20.1	71.9
5	2015-03-06 14:56:40	20.0	72.3
6	2015-03-06 14:57:40	20.0	72.6
7	2015-03-06 14:58:40	20.0	72.6
8	2015-03-06 14:59:40	20.0	72.7
9	2015-03-06 15:00:40	20.1	72.7
10	2015-03-06 15:01:40	20.0	72.8
11	2015-03-06 15:02:40	20.0	72.8
12	2015-03-06 15:03:40	19.9	73.1

