

Introduction

S220-T2/S220-T8 thermocouple data logger is kind of high precision instrument; developed and manufactured by HUATO Company; which have passed all strict calibrations and professional testing (via FLUKE instrument). Support 8 types thermocouples (K, J, E, T, R, S, N, B), including thermocouple temperature compensation function and can measure temperature range -200°C~1800°C. Together with HUATO special analysis software .

S220-T2

Thermocouple sensors

Features:

- Both °C and °F are available.
- Capacity 36000 Data memory.
- Big size LCD and USB interface.
- Log interval: 2s-24h.
- To Analyzer Analysis software used to view graph for logging data, configuration, powerful ability of data analysis and friendly.



Standard Accessories



Technical Specifications

Measuring accuracy	±0.2%FS
Resolution	0.1°C
Sampling rate	Fastest 1/sec, from 1 to 240 seconds can set.
Power supply	3.6V Lithium battery x2
Display	LCD display
Product dimension	158×95×35mm
LCD size	68×53mm
Weight	320g
Accessories	Software CD, 3.6V battery x2, USB Cable x User manual, AC-DC adapter and carrying box.

Applications

Widely applied in Electronics, food industry, warehousing, textile industry, incubator and scientific research etc.

Introduction

S220-T8



Standard Accessories



Features:

- Both °C and °F are available.
- Capacity 36000 Data memory.
- Big size LCD and USB interface.
- Log interval: 2s-24h.
- ToAnalyzer Analysis software used to view graph for logging data, configuration, powerful ability of data analysis and friendly.

Technical Specifications

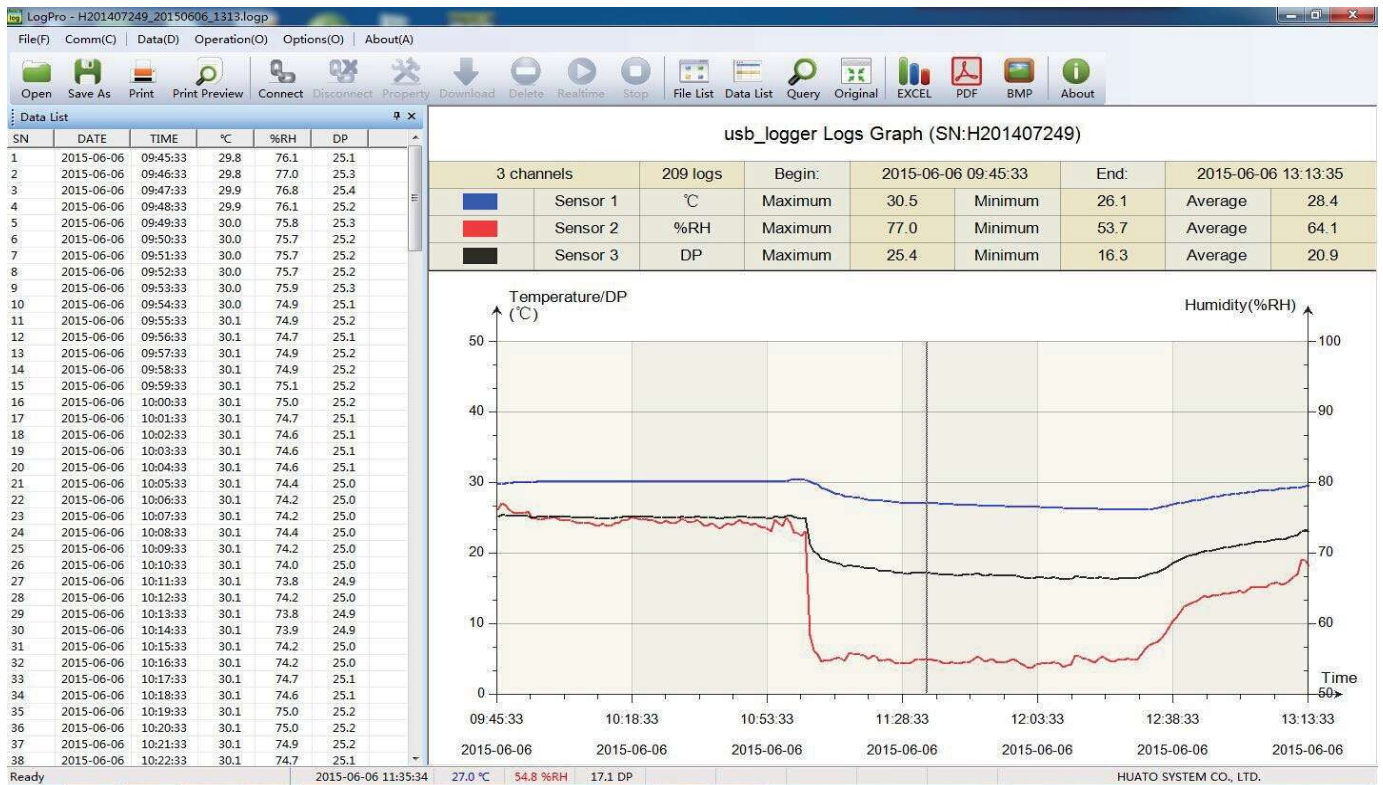
Measuring range	-200~+1800°C
Resolution	0.1°C
Accuracy	±0.5°C / ±0.2%FS
Recording capacity	43000Group
Reaction time	1.5 seconds
Instrument Operating Environment	0~80%RH / 0~50°C
Package Size	202(L) × 165(W) × 58mm(T)
Power supply	DC 9V power supply
Accessory	PC software, batteries, user manual, USB data cable, adapter, paper tray.

Applications

Widely applied in Electronics, food industry, warehousing, textile industry, incubator and scientific research etc.

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 titled 'usb_logger' with the following data:

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

The screenshot shows the LogPro software interface with the 'Data Logger Setup' window open. The window is divided into several sections: A. System, B. Sampling, C. Storage, D. Alarm, and E. Offset. Each section contains various configuration options for the data logger.

Section	Parameter	Value
A. System	Name	Logger
	Type	Data Logger
	Model	S380VAC
	SN	HE20149997
B. Sampling	Mode	Standby
	Battery	Normal
	Sampling Interval(s)	10
	Logging Interval(s)	60
C. Storage	Start Mode	No delay
	Stop Mode	FIFO
	Delay Time	0
	Logs	525
D. Alarm	Alarm	Off
	LCD	On
	Power	Normal
	CH1 High	70
E. Offset	CH1	0.0
	CH2	0.0
	CH1 Low	-20
	CH2 Low	0

The screenshot shows the LogPro software interface displaying a 'Records Report (HE20144663)'. The report includes a table of log records and a corresponding line graph showing the data over time.

SN	DATE	TIME	1st	2nd
1	2015-06-18	09:35:52	32.1	
2	2015-06-18	09:35:54	32.8	
3	2015-06-18	09:35:56	32.6	
4	2015-06-18	09:35:58	32.1	
5	2015-06-18	09:36:00	32.4	
6	2015-06-18	09:36:02	32.5	
7	2015-06-18	09:36:04	32.5	
8	2015-06-18	09:36:06	32.2	
9	2015-06-18	09:36:08	32.4	
10	2015-06-18	09:36:10	32.1	
11	2015-06-18	09:36:12	32.4	
12	2015-06-18	09:36:14	32.7	
13	2015-06-18	09:36:16	32.7	
14	2015-06-18	09:36:18	32.4	
15	2015-06-18	09:36:20	32.2	
16	2015-06-18	09:36:22	32.1	
17	2015-06-18	09:36:24	32.2	
18	2015-06-18	09:36:26	32.5	
19	2015-06-18	09:36:28	32.4	
20	2015-06-18	09:36:30	32.2	
21	2015-06-18	09:36:32	32.3	
22	2015-06-18	09:36:34	32.3	
23	2015-06-18	09:36:36	32.6	
24	2015-06-18	09:36:38	32.5	
25	2015-06-18	09:36:40	32.3	
26	2015-06-18	09:36:42	32.6	
27	2015-06-18	09:36:44	32.7	
28	2015-06-18	09:36:46	32.6	
29	2015-06-18	09:36:48	32.5	
30	2015-06-18	09:36:50	32.4	
31	2015-06-18	09:36:52	32.6	
32	2015-06-18	09:36:54	32.4	
33	2015-06-18	09:36:56	32.5	
34	2015-06-18	09:36:58	32.6	
35	2015-06-18	09:37:00	32.4	
36	2015-06-18	09:37:02	32.4	
37	2015-06-18	09:37:04	32.4	

Records Report (HE20144663)
 TOTAL LOGS: 57, CHANNELS: 1, BEGIN: 2015-06-18 09:35:52, END: 2015-06-18 09:37:44.
 CHANNEL 01, C, MAX: 32.8, MIN: 32.1, AVE: 32.4

The screenshot shows the LogPro software interface displaying a 'Records Report (HE20144663)'. The report includes a table of log records and a corresponding line graph showing the data over time. The left sidebar shows detailed settings for the system, sampling, storage, and channels.

Section	Parameter	Value
A. System	1. Name	HE20144663
	2. SN	Instruments
	3. Catalogue	HER01
	4. Model	V506
	5. Hardware	
B. Sampling	1. Sampling Interval	1
	2. Log Interval	2
C. Storage	1. Logs Count	0
	2. MANU Logs	5
D. CH1	1. CH1 High Limit	1800
	2. CH1 Low Limit	0
	3. Offset	0
D. CH2	1. Upper Limit	1800
	2. Low Limit	-200
	3. Offset	0
D. CH3	1. CH3 High	1800
	2. CH3 Low	-200
	3. Offset	0
D. CH4	1. CH4 High	1800
	2. CH4 Low	-200
	3. Offset	0

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21	2015-06-18	09:36:32	32.3	
22	2015-06-18	09:36:34	32.3	
23	2015-06-18	09:36:36	32.6	
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26	2015-06-18	09:36:42	32.6	
27	2015-06-18	09:36:44	32.7	
28	2015-06-18	09:36:46	32.6	
29	2015-06-18	09:36:48	32.5	
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