

Introduction

HUATO thermocouple data logger is a rapid, reliable temperature instrument with high precision. It can support 8 types thermocouple such as K, J, E, T, R, S, N, and B. Before delivered to the customer, all the HE series instruments have been calibrated by FLUKE thermocouple calibrator. Customers can have many choices according to their demands.

HE804

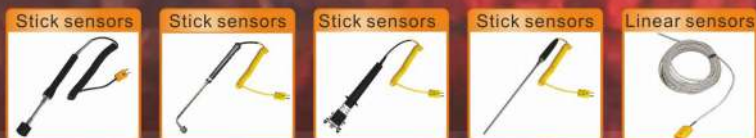


Features:

- Capacity 36000 Data memory.
- Big size LCD and USB interface.
- Log interval: 2s-24h.
- Tespro Analysis software used to view graph for logging data, configuration, powerful ability of data analysis and friendly human-computer interface.

CE
EMC
EN:61326-1

Standard Accessories



HE802



Standard Accessories



Technical Specifications

Sampling rate	Fastest 1/sec, from 1 to 240 seconds can be set.
Power supply	9V Block battery
Display	Large-screen LCD, 4 sets of temperature data also showed.
Product dimension	187mm × 73mm × 53mm (7.36" × 2.87" × 2.08" inch)
LCD size	54mm × 44mm (2.12" × 1.73" inch)
Weight	320g
Accessories	PC-Software, data cable, 9V battery, user manual and gift box with carrying case.

Model List

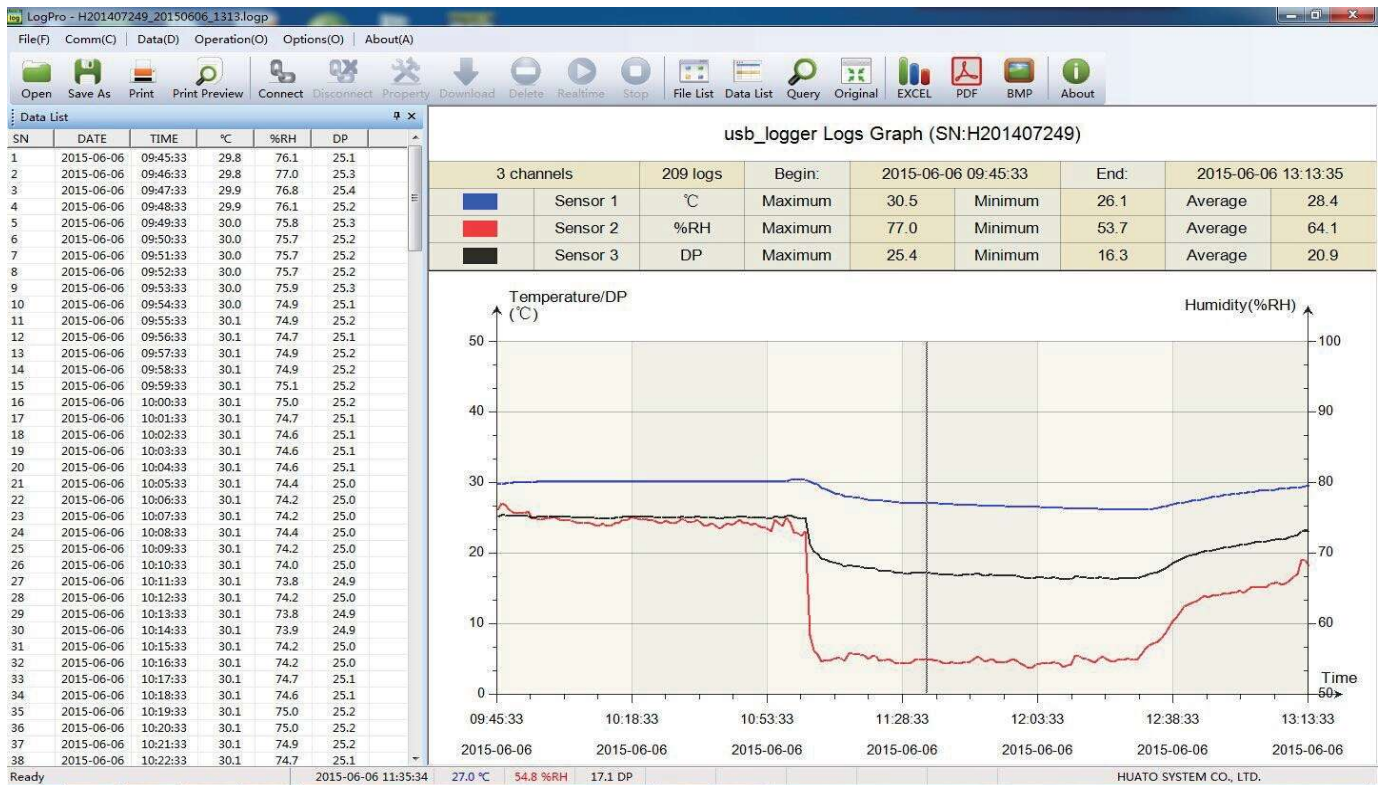
Model	Thermometer			Thermometer Logger		
	HE701	HE702	HE704	HE801	HE802	HE804
Temperature Channel	1	2	4	1	2	4
Temperature accuracy	±1°C±5%	±1°C±5%	±1°C±5%	±1°C±5%	±1°C±5%	±1°C±5%
Automatic Recording Capacity	---	---	---	36000	36000	36000
Manual Record Capacity	88					
Sensor type	K J E T R S N B					
Measuring range	-200~1800°C					

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'. The table contains 12 rows of data with columns for SN, Time, Temp (°C), and Humi (%RH).

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 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 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

Records Report (HE20144663)
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CHANNEL 01, C, MAX: 32.8, MIN: 32.1, AVE: 32.4