

Introduction

HE170 USB temperature data logger is featured with elegant appearance, compact design, IP67 standard of waterproof and dustproof, multiple levels of accuracy, battery indicator and USB interface. It is specifically designed for refrigerators and cold-chain transportation.

HE170



Features:

- Waterproof and dustproof with IP67 standard.
- Flexible recording time from 2s to 24h.
- Switchable °C and °F temperature unit.
- Superb low-energy consumption: 1/2AA 3.6V Lithium battery can work for 12 months.
- Battery indicator displayed to monitor batter level.
- Options for different levels of temperature accuracy.
- OK button to check Max/Min/current values as well as upper and lower limits.
- Recorded data can be transferred to and analyzed by accompanied LogPro software.

CE
EMC
EN-61326-1

HE171



Standard Accessories

Bracket



Battery



User manual

User manual

PC-Software/User manual



Technical Specifications

Resolution	Temperature:0.1°C
Power supply	1/2AA, 3.6V Lithiumbattery Lithium battery
Typical battery life	1 year
IP Rating	IP67
Frequently	2S to 24h
Display	LCD display
LCD Size	18mm × 13.5mm (0.7" × 0.53"inch)
Dimension	125mm × 28mm × 22mm (4.92" × 1.1" × 0.86"inch)
Weight	60g
Accessories	LogPro CD, User Manual, battery

Model List

Model	HE170	HE171	HE172
Temperature accuracy	±1°C (±1.8°F)	±0.5°C (±0.9°F)	±0.3°C (±0.6°F)
Record volume	43000		
Measuring range	-30 to+70°C		

Applications

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

Introduction

HE173 temperature and humidity data logger is featured with elegant appearance, IP67 standard of waterproof and dustproof, multiple levels of accuracy, energy-saving design and USB interface. It is specifically designed for refrigerators and cold-chain transportation.

HE173



Features:

- Selectable °C or °F.
- Waterproof and dustproof standard IP67, resisting moisture and dust.
- Temperature and humidity limit can be set. LED lights when the setting value being exceeded.
- Ultra-lower consumption design, 1/2AA 3.6V Li battery, working for 12 months and easy to install your battery.
- Transfer logging data to PC through software and can be saved as different types to ensure the existence.
- Adopt high sensitive sensor, enjoy fast response and high accuracy.

EMC
EN:61326-1

HE174



Standard Accessories

Bracket



Battery



User manual

User manual

PC-Software/User manual



Technical Specifications

Resolution	Temperature: 0.1°C / Humidity: 0.1%RH
Power supply	1/2AA, 3.6V Lithium battery
Typical battery life	1 year
IP Rating	Ip67
Frequently	2S to 24h
Display	LCD display
LCD Size	18mm x 13.5mm (0.7" x 0.53" inch)
Dimension	125mm x 28mm x 22mm (4.92" x 1.1" x 0.86" inch)
Weight	60g
Accessories	LogPro CD, User Manual, battery

Model List

Model	HE173	HE174
Temperature accuracy	±0.5°C (±0.9°F)	±0.3°C (±0.6°F)
Humidity accuracy	±3%RH	±2%RH
Record volume	43000	
Measuring range	-30 to +70°C / 0~100%RH	

Applications

It has been widely used in cold-chain transportation field, HVAC refrigerator field, electrical industry, medical industry as well as laboratory field.

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.



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

Data Logger Setup

- A. System**
 - Name: Logger
 - Type: Data Logger
 - Model: S380WS
 - SN: HE20149997
 - Firmware: E1107
- B. Sampling**
 - Mode: Standby
 - Battery: Normal
 - Sampling Interval(s): 10
 - Logging Interval(s): 60
 - Downmode: Save always
- C. Storage**
 - Start Mode: No delay
 - Stop Mode: FIFO
 - Delay Time: 0
 - Logs: 325
 - Total: 129024
- D. Alarm**
 - Alarm: Off
 - LCD: On
 - Power: Normal
 - CH1 High: 70
 - CH1 Low: -20
 - CH2 High: 100
 - CH2 Low: 0
- E. Offset**
 - CH1: 0.0
 - CH2: 0.0

Ready Time: STANDBY HUATCO SYSTEM CO., LTD.

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

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	32.2	
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	

Ready 2015-06-18 09:35:58 32.1 C HUATCO ELECTRIC CO., LTD.

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

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	32.2	
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	

Ready 2015-06-18 09:36:06 32.2 C HUATCO ELECTRIC CO., LTD.