HUATO

Handheld temperature & humidity thermometer/data logger -- HE71X/81X series

Introduction

HUATO HE71x/81x handheld temperature & humidity data logger is a rapid, reliable instrument with high precision. It enjoys large LCD display and elegant appearance. All the HE series instruments have been calibrated by FLUKE thermocouple calibrator. Customers can have many choices according to their needs.

HE710-TH

HE815-EX

Technical Specifications

Measuring range	Temperature: -20~+70℃(-4~+158℉) / Humidity:0~100%RH		
	Dew point temperature: -21.6~70.0℃(-6.9~158℉)		
	Wet bulb temperature: -78.7~70.0℃(-99.9~158℉)		
Resolution	Air temperature: 0.1℃/℉ / Relative humidity: 0.1%RH		
	Wet bulb temperature: 0.1℃/℉ / Dew point temperature : 0.1℃/℉		
Accuracy	Temperature: ±0.5℃ (HE710) / ±0.3℃ (HE715)		
	Humidity: ±3%RH (HE710) / ±2%RH (HE715)		
Power supply	9V battery		
Recording capacity	88	Power Indicator	2.5mA (backlight on) / 1mA (backlight off)
Display	Double LCD liquid crystal display, simultaneous display of temperature and humidity data.		
Reaction time	1,5 seconds	Net weight	300g
Size	275x69x44mm	LCD area	54x44mm
Fitting	Manual, 9V battery, Data cable.		

Technical Specifications

Sampling rate	Fastest 1 / sec, from 1 to 240 seconds can be set.
Power supply	9V Square battery
Display	Double LCD liquid crystal display, simultaneous display of temperature and humidity data
Product dimension	189x69x44mm(7.44"x2.71"x1.73"inch)
LCD size	54x44mm(2.12"x1.73"inch)
Weight	320g
Accessories	PC-Software, Data cable,9V battery.

Model List

Model	HE710-TH	HE710-EX	HE715-TH	HE715-EX	HE810-TH	HE810-EX	HE815-TH	HE815-EX
Temperature channel	1	1	1	1	1	1	1	1
Temperature accuracy	±0.5℃		±0.3℃		±0.5℃		±0.3℃	
Humidity accuracy	±5%RH		±3%RH		±5%RH		±3%RH	
Sensor type	Internal	1.5M, External sensor	Internal	1.5M,External sensor	Internal	1.5M, External sensor	Internal	1.5M, external sensor
Automatic recording capacity	/				3,6000			
Handheld record capacity	88							
Measuring range	-40~85°C / 0~100%RH							

Applications

It has been widely applied in agriculture research industry, food industry, medical industry, electrical industry, environment protectional and laboratory field.

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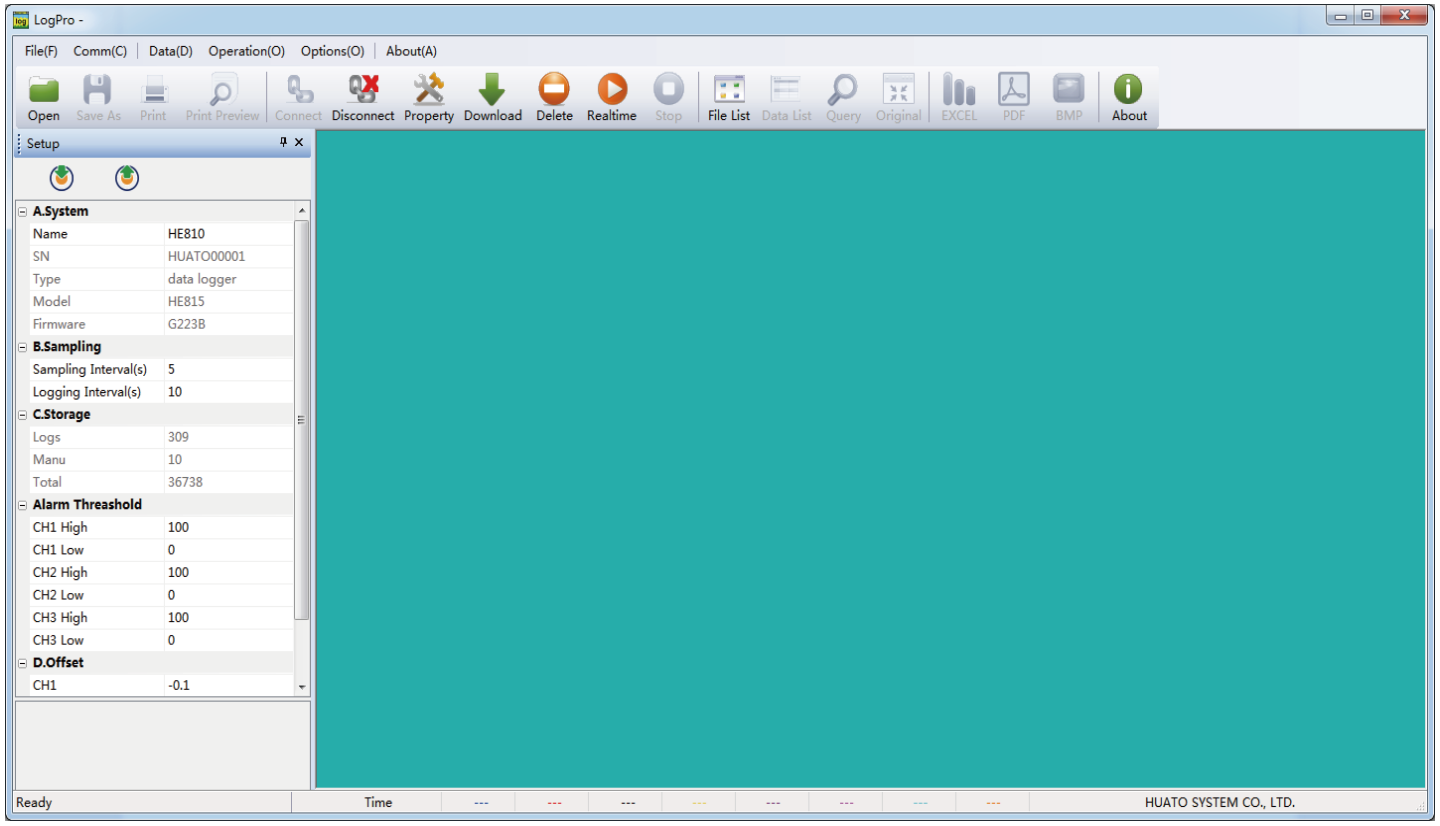
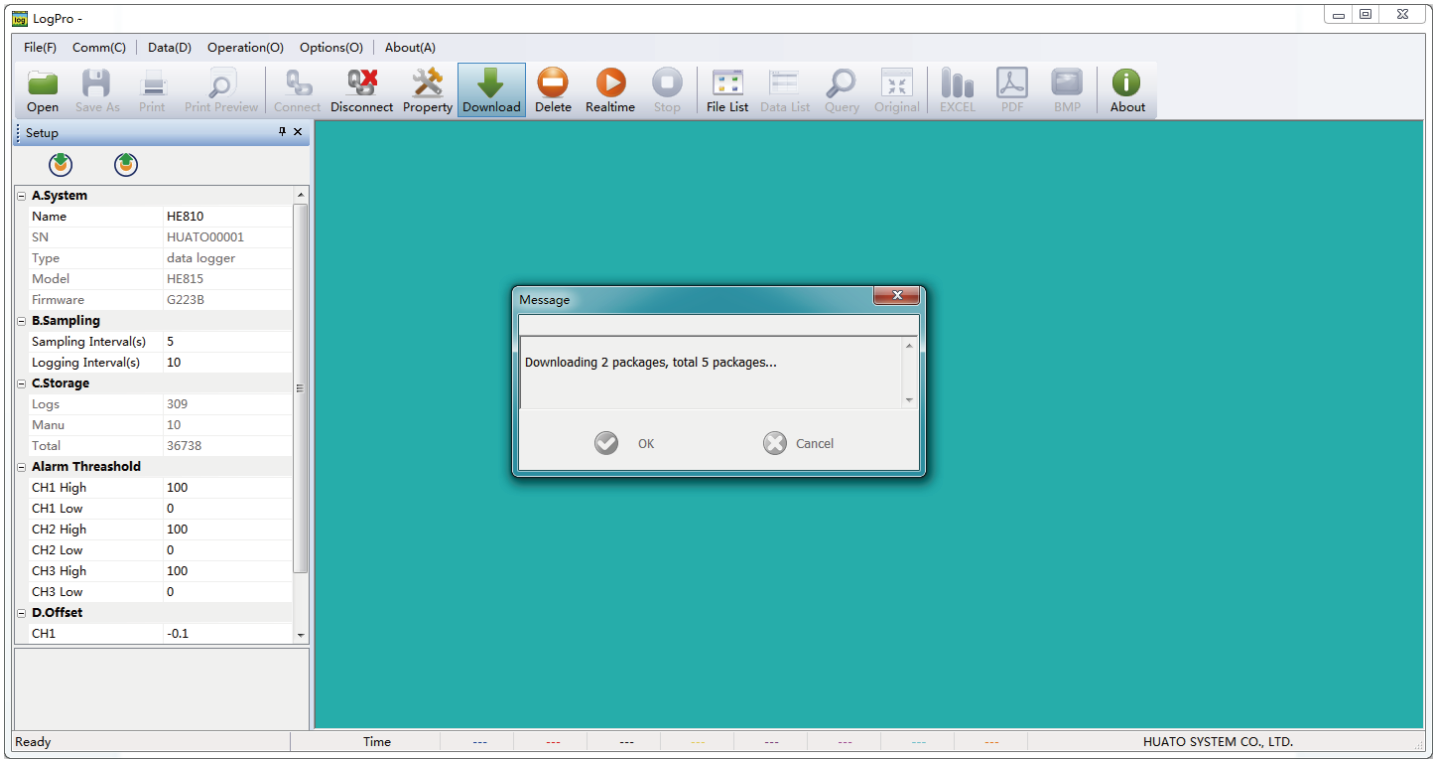
Standalone version software

LogPro Recorder Analysis Software

LogPro software is Huato 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.





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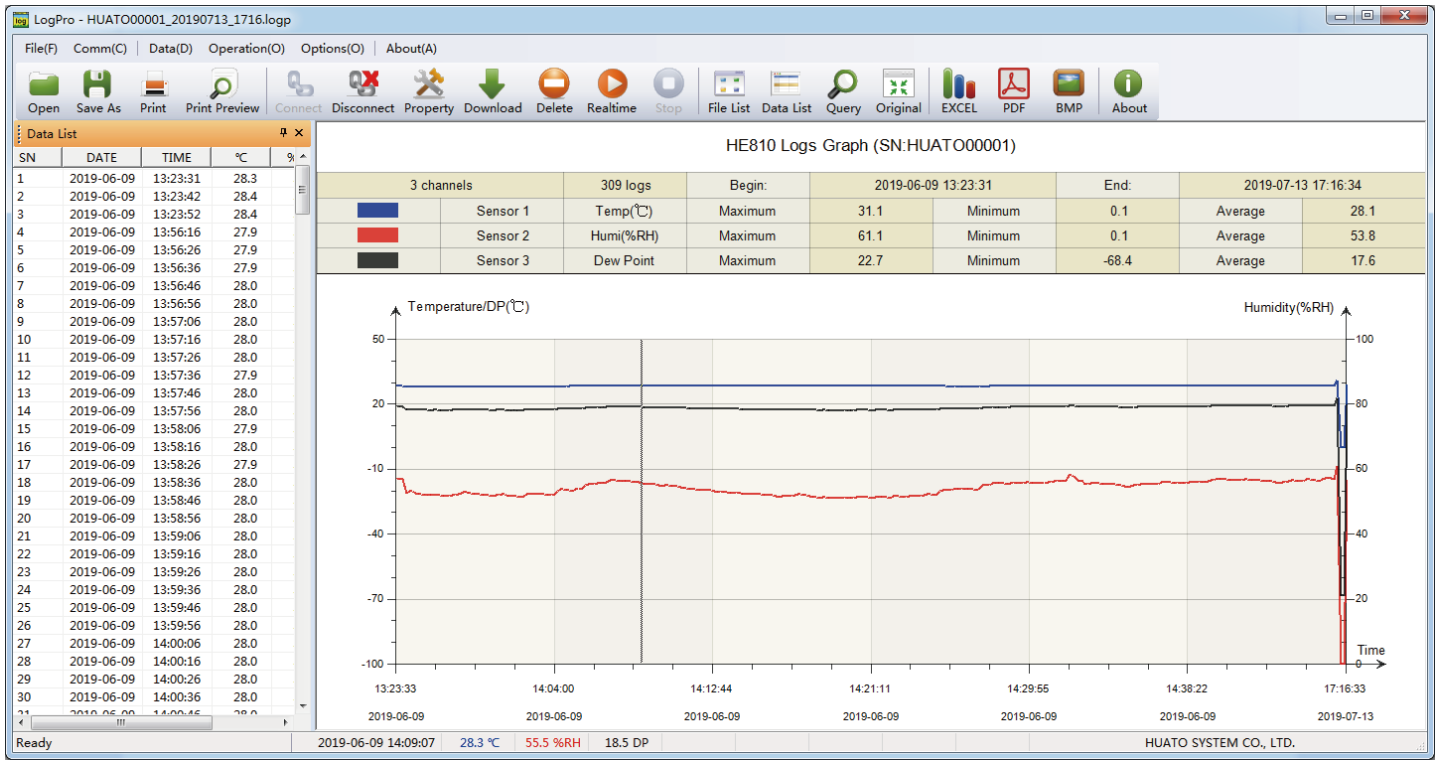
Logpro stand-alone software



HE810

Logger Info:

LOGGER_SN:	HUATO00001		
Begin Time:	2019-06-09 13:23:31	End Time:	2019-07-13 17:16:34
Number of Points:	309		
Min:	0.1(℃)/0.1(%RH)/-68.4(DP)		
Max:	31.1(℃)/61.1(%RH)/22.7(DP)		
Mean:	28.1(℃)/53.8(%RH)/17.6(DP)		

SN	Time	Temp(℃)	Humi(%RH)	Dew Point
1	2019-06-09 13:23:31	28.3	56.9	18.9
2	2019-06-09 13:23:42	28.4	57.2	19.1
3	2019-06-09 13:23:52	28.4	56.8	19.0
4	2019-06-09 13:56:16	27.9	52.6	17.3
5	2019-06-09 13:56:26	27.9	53.3	17.5
6	2019-06-09 13:56:36	27.9	53.1	17.5
7	2019-06-09 13:56:46	28.0	52.6	17.4
8	2019-06-09 13:56:56	28.0	52.4	17.3