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.



Technical	Specifications							
	Temperature: -20~+70°C(- 4~+158°F) / Humidity:0~100%RH							
Measuring	Dew point temperatu	ire: -21.6~70.0°	C(-6.9~158°F)					
range	Wet bulb temperatur	e: -78.7~70.0°C	C(-99.9~158°F)					
Resolution	Air temperature: 0.1	°C/°F / Relative h	umidity: 0.1%RH					
Resolution	Wet bulb temperature: 0.1°C/°F / Dew point temperature : 0.1°C/°F							
	Temperature: ±0.5℃(HE710)/ ±0.3℃(HE715)							
Accuracy	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.						

Technica	Specifications
Sampling rate	Fastest 1 / sec, from 1to 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.

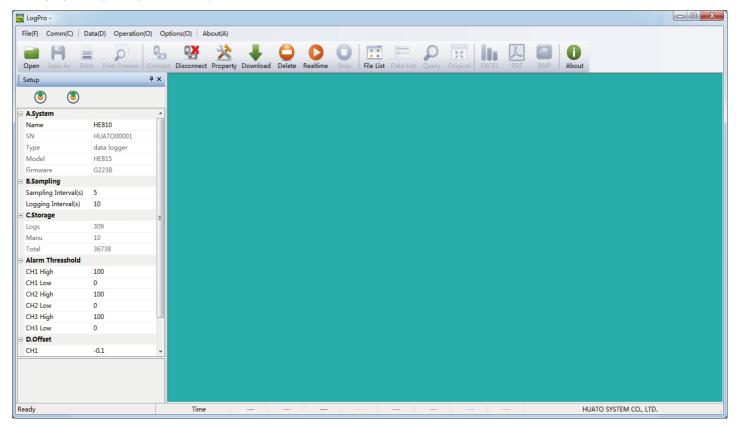
Model List											
Model	HE710-TH	HE710-EX	HE715-TH	HE715-EX	HE810-TH	HE810-EX	HE815-TH	HE815-EX			
Temperature channel	1	1	1	1	1	1	1	1			
Temperature accuracy	±0.	.5°C	± 0	.3°C	±0.	.5°C	±0.3°C				
Humidity accuracy	±5%	6RH	± 39	%RH	$\pm 5\%$	%RH	$\pm 3\%$ RH				
Sensor type	Internal	1.5M, External 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.

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.



logPro -																		
File(F) Comm(C) [Data(D) Operation(0) Op	otions(O) Ab	out(A)														
Open Save As Pri	int Print Preview		Disconnect	Property Do	wnload Del	ete Realtim	e Stop	File List	Data List		3 K Priginal	EXCEL	PDF	BMP	() About			
Setup		Ψ×																
۲ ک																		
A.System		^																
Name	HE810																	
SN	HUATO00001																	
Туре	data logger																	
Model	HE815				_													
Firmware	G223B				Messa	ge					×							
B.Sampling																		
Sampling Interval(s)	5										~							
Logging Interval(s)	10				Down	loading 2 pag	ckages, total	5 packages	s									
C.Storage		E																
Logs	309										T							
Manu	10																	
Total	36738					\sim	OK		Cano	el								
Alarm Threashold																		
CH1 High	100																	
CH1 Low	0	_																
CH2 High	100	_																
CH2 Low	0	_																
CH3 High	100																	
CH3 Low	0	_																
D.Offset																		
CH1	-0.1	-																
Ready			Time									-			HL	IATO SYSTE	M CO., LTD	

HUATO

Logpro stand-alone software

LogP	ro - HUATO00	001_20190	713_1716.lo	gp										
File(F)	Comm(C)	Data(D)	Operation(C	D) Opt	tions(O) About	t(A)								
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Open	Save As	Print Print		Connect		operty Download	Delete Rea	ltime Stor		List Query Origi		BMP About		
Data L				₽×						()g.				
									HE810 L	ogs Graph (SN:	HUATO00001)			
N	DATE	TIME	℃	% ^										
	2019-06-09	13:23:31	28.3	E	3	channels	31	09 logs	Begin:	2019-	-06-09 13:23:31	End:	2019-07-	13 17:16:34
	2019-06-09	13:23:42	28.4		_	Sensor	1 To	mp(°C)	Maximum	31.1	Minimum	0.1	Average	28.1
	2019-06-09	13:23:52	28.4										5	
	2019-06-09	13:56:16	27.9	- 1		Sensor	2 Hur	mi(%RH)	Maximum	61.1	Minimum	0.1	Average	53.8
	2019-06-09 2019-06-09	13:56:26 13:56:36	27.9 27.9			Sensor	3 De	w Point	Maximum	22.7	Minimum	-68.4	Average	17.6
	2019-06-09	13:56:46	27.9	- F									-	
	2019-06-09	13:56:56	28.0	_	-								11. 195	(0) DLD
	2019-06-09	13:57:06	28.0	_		emperature/DP(°C)						Humidity	/(^{%RH)} ↑
)	2019-06-09	13:57:16	28.0		50									100
ĺ	2019-06-09	13:57:26	28.0											
2	2019-06-09	13:57:36	27.9		1									1
3	2019-06-09	13:57:46	28.0											11
1	2019-06-09	13:57:56	28.0		20									
5	2019-06-09	13:58:06	27.9		-									
5	2019-06-09	13:58:16	28.0		-									Щ
7	2019-06-09	13:58:26	27.9		-10									60
3	2019-06-09	13:58:36	28.0		h 1							~~		~~~ <u> </u>
)	2019-06-09	13:58:46	28.0							~~~~~~				1
)	2019-06-09	13:58:56	28.0		-									1
	2019-06-09	13:59:06	28.0		-40									-40
	2019-06-09	13:59:16	28.0	1.1	-									H
3	2019-06-09	13:59:26	28.0		-									H
1	2019-06-09	13:59:36	28.0		-70									20
5	2019-06-09	13:59:46	28.0		70									-20
5	2019-06-09	13:59:56	28.0		1									
7	2019-06-09	14:00:06	28.0	1.1	-									Time
3	2019-06-09	14:00:16	28.0		-100			1 1						
9	2019-06-09	14:00:26	28.0		13:23:33		14:04:00		14:12:44	14:21:11	14:29:55	5 1,	4:38:22	17:16:33
)	2019-06-09	14:00:36	28.0	-										
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eadv					2019-06-09 14:09:	:07 28.3 °C	55.5 %RH 1	8.5 DP					TO SYSTEM CO., LTD	

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(°C)/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