BrainChild USB Data Logger XH 10



General Description

XH Logger is a small portable device ideal for recording temperature and humidity. It provides temperature and humidity measurement based on diffeent requriements and has serval recording methods, data analysis and report output functions. With an Internal sensor, is suitable for factory or warehouse monitoring.

Specifications



- One Key Start / Stop, or set Start/Stop at scheduled time
- Set Parameter, download PDF repot and supply power via USB interface
- Temputure and humidity statistical data
- Provide °C and °F temperature measurement
- Temp./ humidity and device status on LCD screen
- Temperature and humidity data tracking
- Sampling rate configurable
- User-friendly Software(DLV: Data Logger Viewer)
- High power efficiency
- IP65 Protaction class
- Display Mean kinetic temperature (MKT)

DATA LOGGER

Specifications

Power Supply	USB/ER14250 Batter	ry(1 year battery life @	1 min. log interval)
USB Voltage(@500mA)	Min.4.5 VDC	Normal 5 VDC	Max. 5.5 VDC
Log Interval		1 sec~24 hrs	
Temp. display resolution		0.1 °C /°F	
Operating range	Temp.:-1	0°C (14°F) ~60°C (122°F	-)
	Humditiy	:10% RH~90% RH	
Accuracy	Temp.:0°	$C \sim 50^{\circ}C \ (\pm 0.3^{\circ}C), \ Oth$	ers ±0.5°C
	Humidity	:20%~80%@25°C(±3%	RH), Others $\pm 5\%$ RH
Internal Memory	Maximum 100 files (record	l start to stop as one file), n	naximum 79,872 logs,
	maximum 200,192 logs.		
Protective Class		IP65	
Dimensions		65.1 x 70 x 23.25mm	
Weight	82.1 g (with	battery, external sense	or excluded)



PC Software

Data logger viewer is available as a free download from www.brainchildtw.com. The software is easy to install and use, it can easily connect to a XH10 Logger via a USB cable.

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Application

Warehouse, Vaccine Refrigerator, Cold Chain, Temperature Mapping, Greenhouse planting, Museum/ Art Gallery.



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