

HABCOLog

Wi-Fi 2 channels temperature recorder-alarm with detachable sensor

APPLICATION

"HABCOLog" is a "two channel" temperature recorder and alarm system with one internal and one external sensor. It is powered by 2 replaceable AA batteries for up to 6 years and connects directly to Wi-Fi.

The external sensor of "HABCOLog" comes with a NIST traceable calibration test certificate and is tagged with a unique identification number that enables online lookup of the certificate. The certificate is valid for 24 months in storage and 12 months in use. The detachable external sensor can be replaced with a new sensor and a fresh certificate in 10 seconds by the user.

More than an accurate meter and a reliable logger, "HABCOLog" is also a cloud-based alarm system. All setting parameters like measurement intervals, upload intervals, minimum and maximum allowed temperature thresholds can be set through a web-based application on any platform. It sends out Phone calls, text messages and email alarms to an unlimited number of recipients as soon as temperature exceeds or falls below pre-set limits. It also provides access to the records history, graphs and periodical reports. Its hardware and software installation is very easy and does not require any specific tools or applications.



► GENERAL SPECIFICATIONS

Sensors	1 X 1.5 meter (5 ft.) Detachable external temperature sensor (Stainless steel pocket w or w/o 10 ml Glycol capsule) + One internal sensor
External sensor's temperature measurement range	-26 to +125 °C -15 to +257 °F
Internal sensor's temperature measurement range	-15 to +70 °C +5 to +160 °F
Temperature measurement accuracy	± 0.5 °C (± 0.9 °F)
Power supply	2 x AA replaceable batteries
Sensor's protection class	IP 54
Compliances	IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP Detachable external sensor: NIST traceable Application: FDA CFR 21 part 11
Battery life*	Up to 6 years
Upload intervals	One hour to once a week (or on demand)
Record intervals	1 minute to 120 minutes (down 2 sec. by order)
Interface	Wi-Fi - IEEE 802.3 - 2.4 GHz
Max. number of internal records	16,384 - Automatic cloud sync and replace

► AMBIENT CONDITIONS

Storage temperature	-25 to +75 °C
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► DIMENSIONS

Diameter (max.)	80.0 mm
Height (max.)	34.5 mm

▶ DETAILED REPORTS

Site	Day	Date	Temp of outside		Temp of inside		Daily average temp (°F)	Min Temp (Celsius)		Min Temp (Celsius)		Max Temp (Celsius)		Max Temp (Celsius)		Deviation Outrange Error
			East	W	East	W		East	W	East	W	East	W	East	W	
1	Thursday	77.6.2021	102.4K	76.2	102.4K	77	78.9	102.4K	77	102.4K	76.2	-	-	-	-	OK
2	Friday	77.7.2021	83.7K	47	83.7K	48.1	38.9	102.4K	48	102.4K	38.8	10.0K	48	10.1K	38.8	OK
3	Saturday	77.8.2021	83.8K	58.8	83.8K	59	49	102.4K	58	102.4K	58.8	10.1K	58	10.0K	58.8	OK
4	Sunday	77.9.2021	83.8K	67.8	83.8K	68.2	59.3	102.4K	68	102.4K	68.2	10.2K	68	10.1K	68.2	OK
5	Monday	78.0.2021	83.8K	68.2	83.8K	68.3	59.3	102.4K	68	102.4K	68.2	10.1K	68	10.2K	68.2	OK
6	Tuesday	78.1.2021	83.8K	68.2	83.8K	68.3	59.3	102.4K	68	102.4K	68.2	10.1K	68	10.2K	68.2	OK
7	Wednesday	78.2.2021	83.8K	68.4	83.8K	68.3	59.3	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
8	Thursday	78.3.2021	83.8K	68.7	83.8K	68.3	59.4	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
9	Friday	78.4.2021	83.8K	68.8	83.8K	68.3	59.3	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
10	Saturday	78.5.2021	83.8K	68.8	83.8K	68.3	59.3	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
11	Sunday	78.6.2021	83.8K	68.7	83.8K	68.2	59.4	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
12	Monday	78.7.2021	83.8K	68.8	83.8K	68.3	59.3	102.4K	68.2	102.4K	68.2	10.1K	68	10.2K	68.2	OK
13	Tuesday	78.8.2021	83.8K	68.8	83.8K	68	59.2	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
14	Wednesday	78.9.2021	83.8K	68.8	83.8K	68.2	59.4	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
15	Thursday	79.0.2021	83.8K	68.8	83.8K	68.4	59.4	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK
16	Friday	79.1.2021	83.8K	68.7	83.8K	68.7	59.4	102.4K	68.3	102.4K	68.2	10.1K	68	10.2K	68.2	OK