

bun THERMO X PLUS

Ultra Accurate Wi-Fi temperature recorder-alarm

APPLICATION

“bun THERMO X PLUS” is a temperature recorder and alarm system with an external sensor. It is powered by 2 replaceable AA batteries for up to 6 years and connects directly to Wi-Fi. More than an accurate meter and a reliable logger, “bun THERMO X” 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 email and text message alarms 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.



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GENERAL SPECIFICATIONS

Sensor	1.5 meter (5 ft.) External temperature sensor (Stainless steel Pocket)
Temperature measurement and alarm range (Sensor only)	°C -55 to +125 °F -67 to +257
Upload temperature range*	°C -5 to +70 °F 20 to +160
Temperature measurement accuracy	°C ± 0.1 (typical) (± 0.18 °F)
Power supply	2 x AA replaceable batteries
Sensor's protection class	IP 65
Compliances	IEEE802.11, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP
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 802.11b – 2.4 GHz
Max TX power	802.11 b: +20 dBm
Rx Sensitivity	802.11 b: -91 dbm (11 Mbps)
FCC ID	2AHMR-ESP12F
Max. number of internal records	16,384 – Automatic cloud sync and replace

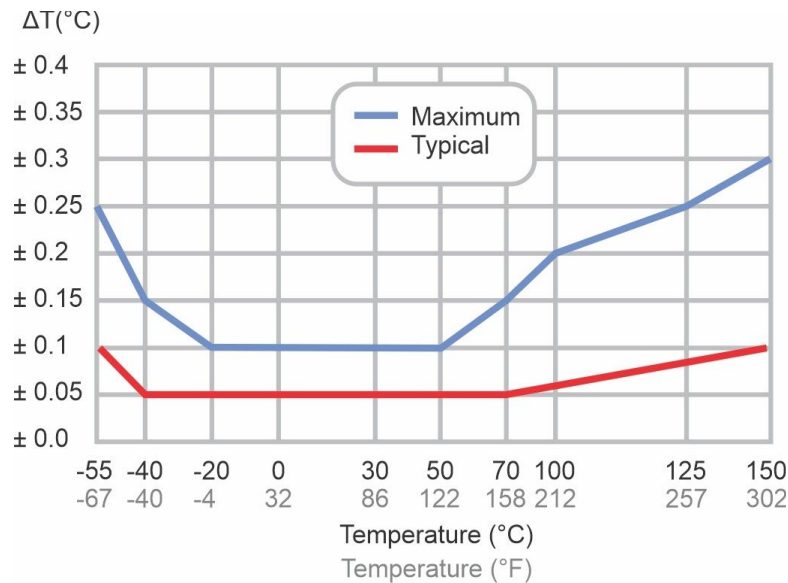
*Upload temperature range is the ambient condition required for the device to stay fully operational. These operations include being able to connect and sync with the cloud and send out alarms. However, the device can continue recording the data in its internal memory while in temperature measurement range.

*Depends on reading and upload intervals and environmental conditions. Battery life is more than 6 years in a standard set up. (Standard set up is room temperature 20°C measurement every 15 minutes upload every 48 hours).

AMBIENT CONDITIONS		
Storage temperature	°C	-25 to +75

DIMENSIONS			
Diameter (max.)	L	mm	80.0
Height (max.)	H	mm	34.5

Accuracy Curve



LoggerFlex Smart Devices Ltd.
 2-3304 Cambie St.
 Vancouver, BC
 V5Z 2W5
 Canada

info@loggerflex.com
 www.loggerflex.com

Tel: +1 (604) 210 22 42
 Toll free: +1 888 365 88 80