bun GREEN
Wi-Fi CO² & Temperature recorder-alarm

APPLICATION

"bun Green" is a Carbon dioxide (CO²) and Temperature recorder and alarm system. It is powered by 2 replaceable AA batteries for up to 2 years and connects directly to Wi-Fi. "bun Green" benefits from an accurate Nondispersive infrared sensor (NDIR) CO² sensor and internal temperature and relative humidity (RH) sensor. It automatically compensates the temperature and RH effect in CO² measurements.

More than an accurate meter and a reliable logger, "bun GREEN" is also a cloud-based alarm system.

All setting parameters like measurement intervals, upload intervals, minimum and maximum allowed CO² and temperature thresholds can be set through a web-based application on any platform. It sends out email, text message and phone call alarms as soon as any parameter goes out of bounds. It provides access to the records' history, graphs and periodical reports on any platform.

"bun Green" like all other bun family dataloggers syncs all the records automatically with the cloud over Wi-Fi and benefits from unlimited online storage.

GENERAL SPECIFICATIONS

Built in sensors		CO2, Temperature, RH
Output data		CO2 & Temperature (Temp and RH compensated)
CO² measurement range		400 – 10000 ppm
CO² measurement Technology *		Nondispersive infrared sensor (NDIR) - SCD30
Working temperature range	°C	-5 to +50
	°F	20 to +120
Working RH range		10 – 99% (No condensation)
Power supply		2 x AA replaceable battery - External 5 to 30 VDC
Protection class		IP 54
Compliances		IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP
Battery life**		Up to 2 years
Upload intervals		One minute 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

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*bun Green can be calibrated locally by the user based on the installation location's altitude. The calibration procedure takes 7 days. To learn more about procedure of calibration please visit: https://www.loggerflex.com/green-step-5/

** Depends on reading and upload intervals and environmental conditions. Battery life is more than 2 years in a standard set up. (Standard set up is room temperature 20 °C measurement every 15 minutes upload every 48 hours).

AMBIENT STORAGE CONDITIONS

Storage temperature	°C	-25 to +75

DIMENSIONS

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

Made in Canada

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