MicroAir Wifi

Real-Time Monitoring for Temperature and Humidity

The MicroAir WiFi Logger is a reliable, real-time monitoring solution with built-in Temperature and Humidity sensors and an external input for NTC temperature sensors.

Analysis software

Avaliable with external NTC probe

NEW!

Compatible with FourtecLite
An Android mobile application utility that enables reviewing sampling sessions history, configuring devices and monitoring online sampling sessions.

- Up to 52k samples memory capacity
- Mini-USB port for PC communication and firmware updates
- Free license for the DataSuite soft ware and FourtecLite Android app
- Boomerang feature for automatic PDF data report
- Real time monitoring via DataSuite software and FourtecLite app
- Connectivity: Wi-Fi 802.11 b/g/n
- Multi-function keypad for manual time stamp, run/stop activation
- Built-in LED for logging and alarm indication
- LCD: Four-digit, 7-segment display with decimal points
- LED: Bi-color alarm indicator
- LCD battery display, rechargeable battery
- Water and dust-resistant IP54/NEMA 4

Sense it. Manage it.

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Solutions

Food Manufacturing

Catering, Ready Meal Kits, Services & Hospitality

Agriculture & Aquaculture Pre & Post Harvesting

Hospital Environments

Universities & Research Centers

Pharmaceutical Manufacturing sites

Pharmacies

Laboratories

Warehouse & Museums

Industrial Applications

Wholesale & Retail

Export, In-land & Last Mile Delivery Transportation

MicroAir Wifi Typical Operating Method

1 Connect MicroAir with a cable to your device and launch DataSuite or FourtecLite

2 Setup your configuration in the setup menu WIFI parameters Sensor's measurement settings

3 Configure relevant parameters, click Setup and Run to start logging

4 After The Setup:
DataSuite - The device will connect automatically
FourtecLite - Connect to the logger using the Scan option

Scan for all manuals MicroAir Wifi, DataSuite and FourtecLite

Specifications

	EC850-W
Measurement Inputs	Three (two internal, one external)
Internal Sensor Range	Temp: -40 to 80 °C, RH: 5 to 95%
Internal Temperature Accuracy	± 0.3 °C
Internal Temperature Resolution	0.015 °C
Internal Humidity Accuracy	± 2 %
Internal Humidity Resolution	0.05 %
External Input Support	NTC Temperature -50 to 150 °C
Dew Point	LCD and software indication
Sample Memory	52,000 samples (over 2 channels), cyclic
Sampling Rate	Minimum: Once every second, Maximum: Once every 18 hours
Auto PDF & Email Delivery (Boomerang Feature)	Yes
WIFI	802.11 b/g/n
LCD	Four-digit, 7-segment LCD with decimal point
LED	Bi-color alarm indicator
PC Interface	Mini USB
Power Supply	Rechargeable lithium polymer battery 1000 mAh
Dimensions	Diameter: 72 mm, Thickness: 22.9 mm
Weight	55g
Wall Mount	Cradle accessory
Standards Compliance	CE, IP54, EN12830

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DataSuite Software for MicroAir Wifi

DataSuite is a free license to use software that enables data monitoring & analysis, as well as lifetime data storage that can be reviewed in graphs, tables, and logger statistics, printed or exported into Excel files. DataSuite is designed for Windows OS only.

Supported Operating Systems:
Windows 10 or Above, (32 and 64bit)

Minimum Hardware requirements:
RAM: 4GB
Minimum Free space: 300MB

Display up to 14 measurements simultaneously

Data displayed in graphical and tabular formats

Lifetime data track of all the loggers' measurements

Boomerang Report- sends automatic emails to pre-defined recipients with a report of the data loggers' recorded data (temperature and humidity) and abnormalities report

Time Stamps- Analyze specific events in time that were marked by the user on the logger itself, called Time Stamps.

Logger setup and calibration- perform calibration, update firmware, name the logger, define temperature scale, cyclic run, push to run, timer run, sampling rate, etc.

Print or export the data to excel for further analysis or regulations requirements

Friendly and intuitive interface for data monitoring and anlysis

Developed in accordance to FDA requirments

Free license to use with software updates and upgrades

Cyclic run - A continuous data sampling process where, upon reaching memory capacity, the system overwrites the oldest recorded data with new incoming data

Timer run - Start data recording at a predetermined time, as set by the user or system schedule
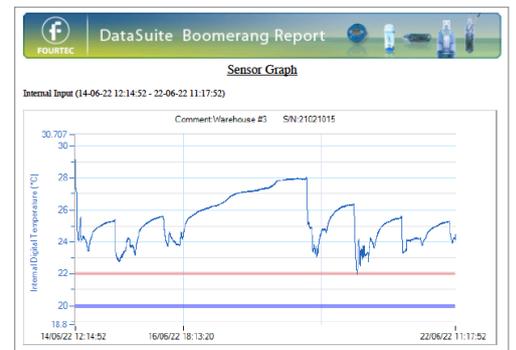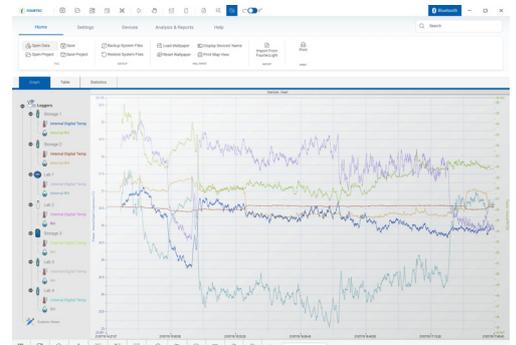
FourtecLite Software for MicroAir Wifi

Android 8.0.0 and above

Android Devices Application

Easy, convient portable data monitoring solution from everywhere

Send email notifications of data abnormalities

Present and download real time data from your data logger

Keep your data updated wherever you go on your logger, PC and android device

Define and customize your logger from everywhere

Boomerang Report- a feature that sends end users an automatic pre-defined report of the data loggers' recorded data (temperature and humidity) and abnormalities report.
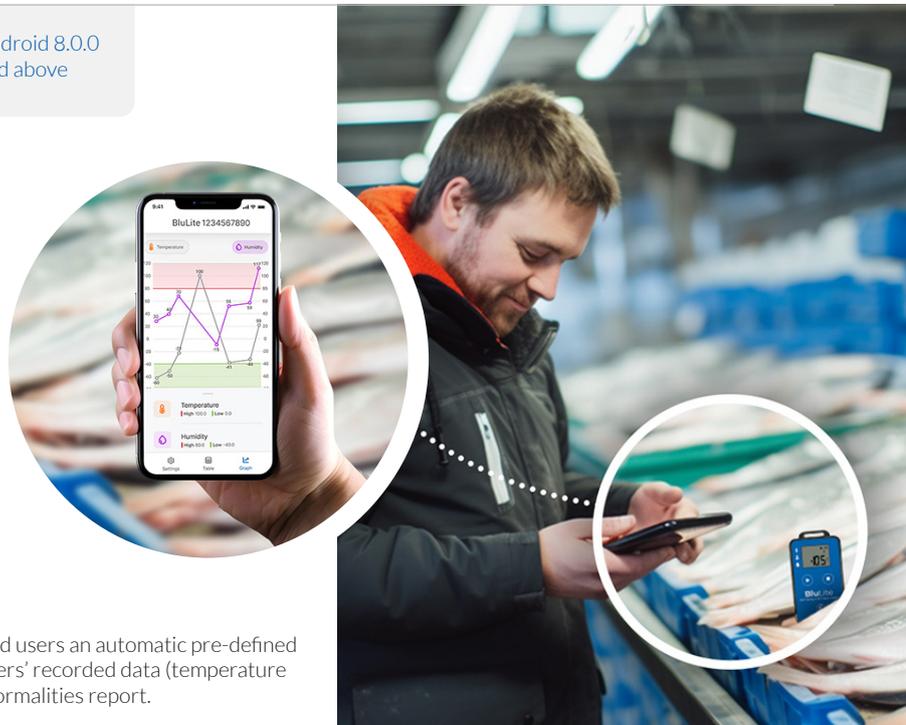
Some features of DataSuite and FourtecLite may not be compatible with all loggers; refer to the user guide to confirm the relevant features for your device

www.fourtec.com | info@fourtec.com

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