

NEW! – WIRELESS AND NETWORK ENABLED 8 CHANNEL DATA LOGGER

Highlights

The most accurate multi-sensor graphical data logger on the market

- Precision Data Capture
- 64K Memory storage per channel
- View high/low data online per channel
- Alert notifications by email or text
- Custom long range probes up to 30 meters
- Audible built in buzzer

Description

Eight channels and three types of interchangeable sensors

Types of Sensors: (Sensors are NIST traceable..)

Temperature Sensor - RTD -200 deg C to +380 deg C accuracy +/- 0.2 deg C

Relative Humidity Sensor - Capacitive Humidity readings are to $\pm 2\%$ RH from 20 % RH to 70 % RH.

CO2 - CO2 sensor is designed to measure percentage of carbon dioxide up to 30%. It is useful for biological or scientific applications where artificially high levels of CO2 must be maintained in an enclosed apparatus.

Ethernet and wireless capability

EDL8-WiFi can be monitored remotely via Ethernet connectivity or via a WiFi network. The device also connects directly to the computer via a USB port.

Statistics and mathematical functions

In addition to temperature, humidity and CO2 levels, this compact state of the art device calculates, min. max, time over alarm conditions and much more. Simply push the Mode button and the channel selection.

Calibrated sensors

Each sensor is calibrated for both temperature and humidity by the sensor manufacturer.

Alarms and battery backup

Alarm settings can be set up quickly in the Maxithermal-WiFi software based on temperature, RH, and level of CO2. Alarms can be both visual (flashing display) and audible (beeping). Likewise, alarm settings can be set up and email notifications triggered. In the event of a power outage, the internal lithium ion battery when fully charged and when the back light is not on, will continue to record data for approximately 24 hours.



Large, easy-to-read display

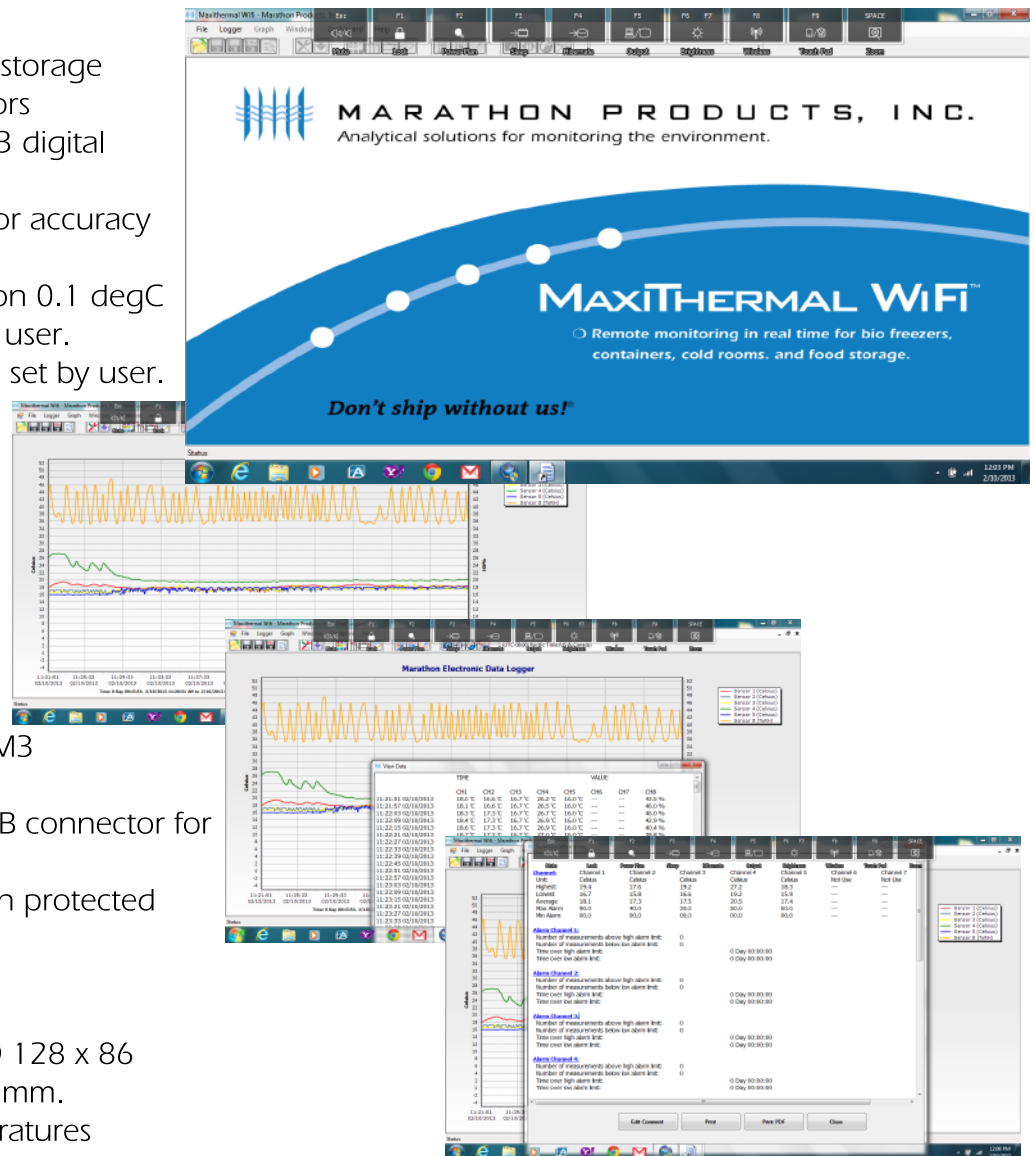
Now view data remotely and all your locations from your desk. The EDL-8WiFi is the ideal instrument for documenting, controlling, and managing critical environmental conditions graphically, statistically and in real time. Up to sixteen different display setups can be stored and recalled at the touch of a single button. You can easily modify this to get exactly what you want. View all alarm conditions in real time from the Dash Board for all your remote locations.

Specifications

- 1MB Flash memory for data storage
- RJ9 interface for 5 RTD sensors
- Mini USB-B I2C interface for 3 digital sensor probes
- On board temperature sensor accuracy +/- 0.2 degC
- Temperature sensor resolution 0.1 degC
- Recording Rate (sec) : set by user.
- Update Data Rate (records) : set by user.
- Operating voltage: 3.3VDC

Digital Sensor Options

- Temperature
- Humidity
- CO2
- N2
- Microcontroller
 - 32 Bits flash microcontroller cortex M3
- Communication
 - USB 2.0 with mini USB-B connector for PC interface
 - Ethernet IEEE 1588 with protected RJ-45 connector
 - WiFi Ethernet (option)
- Display
 - Graphic dot matrix LCD 128 x 86
 - Viewing area : 60 x 40 mm.
- Storage & Operating Temperatures
 - Operating temperature range : 0 to 50 degC
 - Storage : -20 degC to +85 degC
- PC Software
 - MaxiThermal-WiFi
- Power
 - Li-polymer 3.6V-2Ah battery
 - AC/DC power jack



Please call 1-510-562-6450 x501

for more information or to place an order

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