

# MARATHON PRODUCTS

# EDL-BT55™

## *Our Multi-use Temperature Logger with Long Range Bluetooth Connectivity.*

THE EDL-BT55 is a long-range Bluetooth temperature data logger using a power saving Nordic N51822 chip.

With a range of 55 meters, you can enjoy the convenience of capturing and viewing all of your critical refrigerator monitoring, in real time right from your smartphone. Then, email files immediately with full graphs, and time-stamped data,

This logger comes with a one-meter external probe, and can store up to 12K data points. Its small size, light weight, and high-accuracy thermistor make it an ideal data logger for your refrigerators, pharmacies, warehouse or totes.

With the mobile phone APP, the user can configure programming durations, and see detailed time-stamped data in either Fahrenheit or Celsius..

### **Applications**

- Refrigerated storage and transportation,
- Archives,
- Experimental (test) rooms,
- Workshops,
- Museums,
- Pharmaceutical environments,
- Fresh transport.

### **Product Features**

- Real-time display of parameters,
- High precision and high stability,
- Bluetooth 4.0,
- Long-distance wireless communication,
- Built-in high-sensitivity temperature sensor,
- Can store 12,000 temperature data points,
- Alarm temperature limits set by user,
- Temperature graphs can be automatically generated using the APP.



### **Temperature Range**

-40° C to +80° C  
-40° F to +176° F

### **Temperature Accuracy**

±0.5°C

### **Memory**

256k

### **Storage**

12,000 data points

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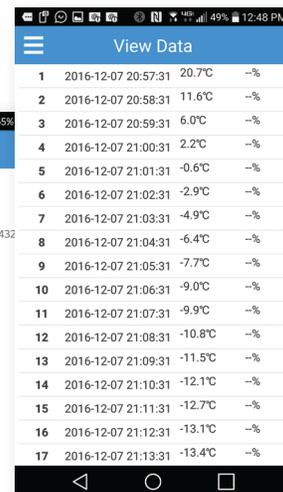
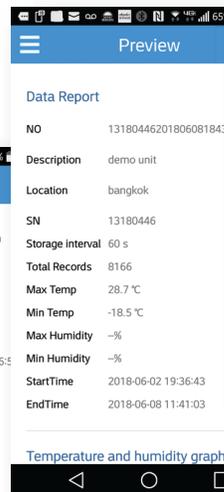
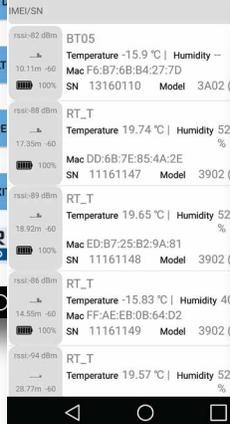
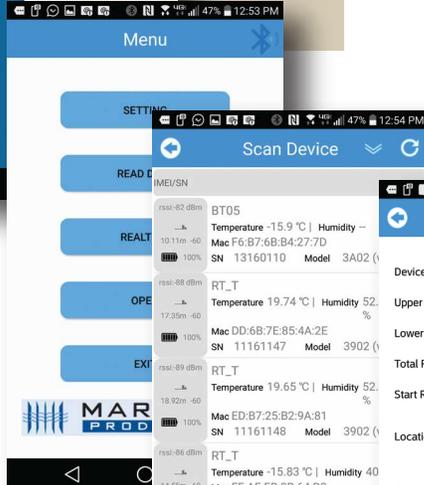
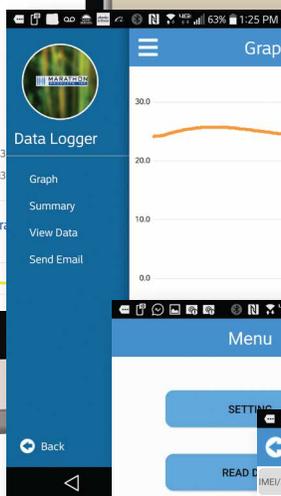
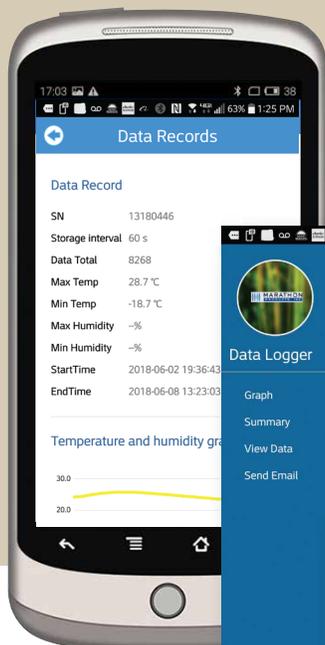


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*Don't ship without us!®*

## Software Highlights:

Temperature Data Logger is a free mobile application provided to connect to the EDL-BT55 using Bluetooth technology. With the mobile phone APP, the user can wirelessly download the data through the GPRS network, and use configuration tools to achieve a full-stage real-time temperature and humidity recording. Options include changing settings, data transmission, recording, synchronization, and uploading to a server. Works with Android, IOS, and Windows 10.



## EDL-BT55 SKU#7067 Specifications

Memory:	256k Temperature
Storage:	Up to 12,000 data points
Temperature Range:	-40° C to +80° C / -40° F to +176° F
Temperature Accuracy:	±0.5° C from -20° to +40° C, ±1.0° C at extremes ±0.9° F from -4° to +104° F, ±1.8° F at extremes
Signal Frequency Transmission:	2.400 - 2.4835GHz
Protocol:	Bluetooth 4.0
Modulation Mode:	GFSK
Transmission Interval:	2S
Communication Rate:	1Mbps
Receiving Sensitivity:	1Mbps@-93bm
Maximum Transmission Distance:	55 meters
Internal Battery:	CR2450
Battery Life:	1 year. (Depends on mode of operation. Replaceable battery)
Net Weight:	25g
Dimension:	50mm x 35mm x 15mm

**Please call 1-510-562-6450**  
for more information or to place an order.

[www.marathonproducts.com](http://www.marathonproducts.com)

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