

EDL-BT04™

Our Multi-use Temperature and Humidity Logger with Bluetooth connectivity.

The EDL-BT04 is a power saving wireless temperature and RH data logger, using the latest Bluetooth 4.0 technology. This device uses a state-of-the-art Nordic N51822 chip design. Now collect temperature and RH measurement values on your Android phone and email data files anywhere in the world. Up to 15,000 data points can be captured stored and analyzed.

With our mobile phone APP, the user can wirelessly download the data through the GPRS network and use configuration tools to download a full-stage real-time temperature and humidity graph. The small footprint, and light weight makes it ideal for temperature testing and mapping environmental conditions.

Applications

- Cold chain logistics,
- Museums,
- Refrigerators - biologics,
- Food service - HACCP,
- Medical and warehousing operations,
- Pharmacy cold room,

Product Features

- Real-time display of data,
- High precision and high stability,
- Bluetooth 4.0,
- Long-distance wireless communication, 25 meter maximum,
- Built-in high-sensitivity temperature and humidity sensors,
- Can store 15,000 temperature and humidity data points,
- Alarm temperature and humidity limits set by user,
- Temperature and humidity intervals are set by user,
- Import data into other apps including Excel,
- Temperature graphs can be automatically generated using the APP.



Temperature Range

-40° C to +125° C
-40° F to +257° F

Temperature Accuracy

±0.3°C

Memory

256k

Storage

15,000 data points

Humidity Range

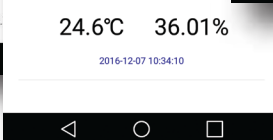
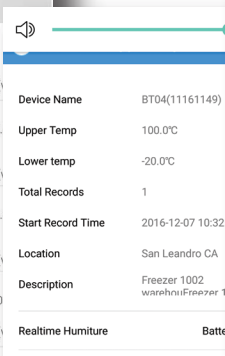
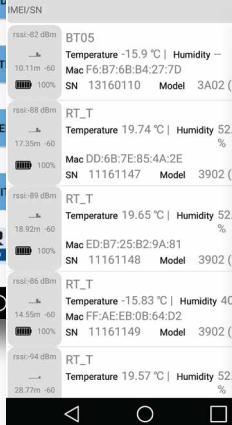
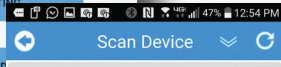
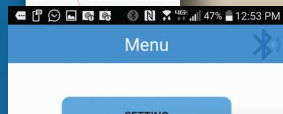
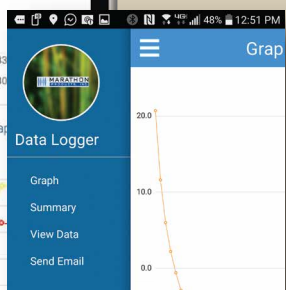
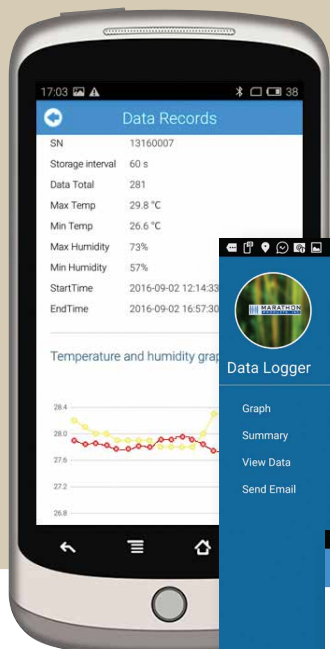
0% to 100%

Humidity Accuracy

±3%

Software Highlights:

Temperature Data Logger is a free mobile application provided to connect to the EDL-BT04 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.



	Time	Temp (°C)	Humidity (%)
1	2016-12-07 20:57:31	20.7°C	--%
2	2016-12-07 20:58:31	11.6°C	--%
3	2016-12-07 20:59:31	6.0°C	--%
4	2016-12-07 21:00:31	2.2°C	--%
5	2016-12-07 21:01:31	-0.6°C	--%
6	2016-12-07 21:02:31	-2.9°C	--%
7	2016-12-07 21:03:31	-4.9°C	--%
8	2016-12-07 21:04:31	-6.4°C	--%
9	2016-12-07 21:05:31	-7.7°C	--%
10	2016-12-07 21:06:31	-9.0°C	--%
11	2016-12-07 21:07:31	-9.9°C	--%
12	2016-12-07 21:08:31	-10.8°C	--%
13	2016-12-07 21:09:31	-11.5°C	--%
14	2016-12-07 21:10:31	-12.1°C	--%
15	2016-12-07 21:11:31	-12.7°C	--%
16	2016-12-07 21:12:31	-13.1°C	--%
17	2016-12-07 21:13:31	-13.4°C	--%

EDL-BT04 SKU#8023 Specifications

Memory:	256k Temperature & RH
Storage:	Up to 15,000 data points
Temperature Range:	-40° C to +125° C / -40° F to +257° F
Temperature Accuracy:	±0.3° C
Humidity Detection Range:	0% to 100% RH
Humidity Detection Accuracy:	±3.0% RH
Signal Frequency Transmission:	2.400 - 2.48356GHz
Protocol:	Bluetooth 4.0
Modulation Mode:	GFSK
Transmission Interval:	10S-24H Continuous setting
Communication Rate:	1Mbps
Receiving Sensitivity:	1Mbps@-93bm
Maximum Transmission Distance:	25 meters, adjustable
Internal Battery:	600mAh /3V
Battery Life:	1 year. (Depends on mode of operation. Replaceable battery)
Net Weight:	30g
Dimension:	50mm x 50mm x 20mm

FOR MORE INFORMATION PLEASE CALL:

416-261-4865

