Easily collect power meter data with the LR8410

Use the Wireless Logging Station LR8410 to collect data from LR8410 Link-compatible products in real time.

New function
LR8410 Link

Before
Inverter
Motor
Environmental temperature measurement
Wired logger
USB
PC
PW6001

- Difficult to set up scaling
- Handwritten notes
- Manual entry on computer

After
Inverter
Motor
Environmental temperature measurement
LR8410 (Wireless logger)
USB
PC
PW6001
LR8510
LR8514

- Automatic setup
- No degradation in accuracy caused by D/A output
- Ability to monitor data in real time

- Concerns about degraded accuracy and the effects of noise
Measurement data is converted to an analog signal for output before being converted back into data by the logger. In this setup, there are two D/A and A/D conversions.

Since measured values are sent as data, there is no degradation in accuracy. And since this process occurs wirelessly, noise is less of an issue, allowing you to obtain more accurate values.*

* A rounding error occurs as part of the data conversion process.
The LR8410’s maximum resolution is 1/20000 of the PW6001’s range.

Please see www.hioki.com for list of supported regions.
Please review the list of countries where the Bluetooth serial adapter is supported prior to use.
Features

Easy scaling

The setup process is simple: just search for and pair LR8410 Link-compatible products. Since the settings on paired devices are automatically received by the LR8410, there’s no need to manually configure troublesome scaling settings. And since this process occurs wirelessly, you spend less time on wiring work.

Simultaneous measurement of power, temperature, and other data

The LR8410 can be used with a broad range of modules and LR8410 Link-compatible products. Since you can pair it with up to seven devices, you can measure a large number of channels and parameters along with power meter data. In addition, the LR8410 provides other useful functionality such as waveform calculation and alarms.

Pairing LR8410 Link-compatible products

1. Connect a Bluetooth serial adapter to the product.
2. Configure the LR8410 Link-compatible product’s communications settings.
3. Pair with the LR8410 and start measurement.

**Notes:**
- Turn off the product before connecting the adapter.
- The PW335-01 is not supported.
- A Bluetooth serial adapter (purchased separately; recommended model: Parani-SD1000) is required.
- An AC/DC power supply supported.
- The PW335-01 is not supported.

**System setup**

**Measurement unit: Pair up to 7 units (models can be mixed)**

**Features**

- Easy scaling
- Simultaneous measurement of power, temperature, and other data

**Applications**

- Power anomaly measurement
- Environmental temperature measurement
- No wires required

Connect the PQ3100 and the LR8410 via Bluetooth® wireless technology to transmit up to 6 kinds of measured values to the LR8410, letting you record PQ3100 values in addition to other logger data.