

# enLink Meter

## LoRaWAN Electricity Meter

With Synetica's enLink LoRaWAN Meter, you can quickly and accurately monitor all of your electrical energy consumption without disruptive wired meters and infrastructure.

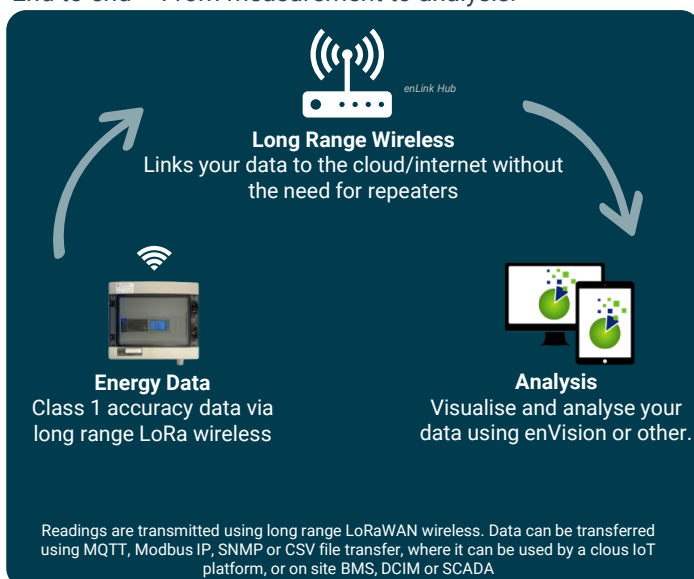
Split core current transducers simply clip around the electrical circuit to be monitored and to provide Class 1 accuracy Energy readings.

The pre-configured unit provides comprehensive energy data including kWh, Voltage, Current, Frequency and Power Factor.





The enLink meter also provides long range LoRaWAN wireless with up to 16km range, easily configurable measurement and transmit interval and can be configured to read any available meter parameter.



End to end – From measurement to analysis:



### Key Features

-  Powered from 3 phase mains voltage reference
-  Up to 16km wireless range
-  LoRaWAN compliant
-  Full configuration and monitoring via USB and LoRa
-  Clip-on split-core transducers
-  Compact enclosure 250mm x 285mm x 140mm (HxWxD), 1.9kg
-  Signal strength indicator

## enLink Meter – LoRaWAN Electricity Meter

Established in 2008, the engineering team at Synetica have many years experience in monitoring and analysing critical information for the facilities management, commercial and industrial sectors.

The enLink Meter provides a pre-assembled and configured LoRaWAN metering unit, complete with enLink Modbus, 3 phase multi-function electricity meter and power supply.

- Measures all key energy values with Class 1 accuracy
- Meter parameters easily set up via USB or LoRaWAN uplink
- Non-invasive split-core current transducers for simple and quick installation. Available with 100Amp to 1000Amp ranges.
- Measures three-phase and single-phase loads
- Millivolt output current transducers for increased safety
- Modbus output can be linked to other Modbus meters via RS485
- Integral fused terminals
- IP 65 enclosure with transparent door
- MID version also available for billing applications

If you have a specific requirement for an air, environmental, energy or asset monitoring solution, contact us to learn more about how our precision monitoring technologies could help.

### Meter Parameters

Energy kWh – Import, Export and Total

Power – kW, kVA and kVA<sub>r</sub>

Total Harmonic Distortion (THD)

Demand (kW)

Volts per Phase

Current per Phase

Power Factor

Supply Frequency (Hz)

## About us

Synetica was established in 2008 with the simple idea to revolutionise air quality monitoring, energy usage and remote asset monitoring. Our global customer base relies on our expertise to help them reduce emissions and clean up the air they breathe by allowing them to monitor their energy usage and key environmental parameters via the touch of a button.

[www.synetica.net](http://www.synetica.net)

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