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Eniscope Hybrid

You can't manage what you can't measure... LEDOLAS has the solution.

Up to 43% of global energy consumption is going to waste as a result of inefficient equipment and business practices. Without a reliable and accurate way to measure ongoing consumption organisations have little chance of preventing that waste.

LEDOLAS has over a decade of experience in working with organisations domestically and internationally to help them better understand their energy usage, revealing opportunities for enhanced performance and cost savings.

Through a unique and systematic approach to energy management LEDOLAS works with organisations of all sizes, in a range of sectors, across the globe, to help them understand their energy usage and bring it under their control.

The Eniscope range of real-time energy management systems includes the Eniscope 4-Channel and Hybrid models.

The Energy Problem

Energy is being used across your organization all the time. Some of the time that energy is being used for no purpose, other times it is being drained by inefficient equipment. In many cases the first indication you'll have will be upon receiving your bill.

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Energy use may be centered around one machine, a process or a particular building. However, your bill only provides limited information usually no more than a total figure covering a predetermined period of time. You have no idea what part of that total is waste, and what is essential to perform your day-to-day operations. Energy consultants and renewables companies make bold claims as to how they can r educe your costs and supply you with alternative forms of energy. However, it is difficult to validate their claims and ensure that those options present a healthy return on investment for your organisation.

The LEDOLAS Solution

The Eniscope Hybrid is the world's most complete real-time energy management solution. The best in class energy metering system combines 8 three-phase metering points, 8 pulse inputs (for monitoring existing meters e.g. gas and water), 8 temperature inputs and can interface with multiple Modbus compatible devices.

The compact, plug and play system can be easily installed by an electrician instantly providing real-time data on energy consumption patterns by individual piece of equipment, circuit, building or property portfolio. For those generating their own power, Eniscope Hybrid records minute-by-minute data. Information can be displayed to building occupants or included on websites, via an attractive range of public displays.

Data can be viewed in real-time on any computer, or across a range of mobile devices, from anywhere in the world. Historical data can be accessed and analysed, at one-minute resolution via the Analytics system.

Eniscope Hybrid has been engineered to allow continuous, remote improvements and upgrades via the cloud, making this the world's most durable and future proof solution to energy monitoring and efficiency.

Contact LEDOLAS today to learn how your organisation can benefit from advanced real-time energy management.

Key Benefits:

Real-time monitoring of
8 three-phase metering points,
8 pulse inputs, 8 temperature inputs.

Meters provide accurate measurement of 30 electrical parameters and can read existing meters e.g. gas and water.

Historical and real-time data viewable on any computer, or mobile device, from anywhere in the world via Eniscope Analytics.

Option to display real-time consumption and/or generation data on-site, affecting behavior change and raising awareness.

Remote updates ensure continuous improvement via the cloud without the need to purchase additional equipment.

Energy Savings


Made in the UK


Designed for
Commerce and Industry


Itemised Energy Reporting


Multi-Channel,
Class 0.2 Metering

Tech Specs

Dimensions: 7.87in x 7.09in x 2.76in

- Supply voltage: 100-230V AC Nom.
- Power requirements: Less than 20W
- Enclosure: Bespoke IP20 aluminium powder coated extrusion suitable for DIN rail mounting
- Nominal full scale voltage: 346V line to neutral, 600V line to line
- Voltage acuracy: Better than 1%

- Metering range: 30A – 500A,
- Current Accuracy: Better than 1%
- Easy installation with simple plug-in connectors
- Integral communications hub and web server
- Up to 8 individual 3-phase electricity metering points via 333mv CT's

- Up to 8 additional pulse inputs (e.g. gas, water, oil etc.)
- Up to 8 temperature inputs
- Modbus capability for multiple devices
- Ethernet connectivity
- Remote or locallised set up via PC or MAC