

enLink Status-VC

LoRaWAN Voltage / Current Sensor

Synetica's enLink Status- VC, LoRaWAN Voltage / Current Sensor measures voltage (0-10V) or current (0-20mA) to convert instrumentation output signals to LoRaWAN Wireless.

The monitor is especially useful for precision instruments and equipment equipped with current (0-20mA) or voltage (0-10V) output signals. The enLink Status-VC has particular application in monitoring devices including pressure sensors, pH sensors, gas sensors, flow sensors, level sensors, temperature sensors and proximity sensors.

The enLink Status-VC transmits data using long range LoRa wireless which easily integrates with cloud services or on-site systems via Modbus IP to ensure users are kept up to date with instrument performance and to generate alerts when necessary.



Applications



Commercial



Energy



Infrastructure



Pharma



Retail



Education

Key Features



Selectable mode of operation, either 0-10V or 0-20mA



12 bit resolution



Simple, quick installation



Easy configuration via USB/downlink



LoRa™ wireless, up to 16km range



Battery life 3+ years*



Signal and battery indicator

*Battery life depends on configuration, data rate and environment

enLink Status VC – LoRaWAN Voltage / Current Sensor

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

The enLink Status-VC is suitable for a variety of applications including voltage and current sensing in a range of sectors from academic intuitions to industrial plants. The enLink Status-VC is part of a range of asset monitoring systems available from Synetica which includes, water leak sensors, air velocity & differential pressure monitors and temperature probes. The combination of the integrated systems allow building and facility managers to accurately and continuously measure a range of environmental factors providing valuable information for building and equipment efficiencies.

All our UK manufactured systems incorporate LoRaWAN long range wireless technology so that data can be easily transmitted for analysis. Battery powered versions offer rapid low-cost deployment with the freedom to position monitors for optimal sensing.

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.

Sensor Characteristics

Selectable mode of operation: 0-10 Volts or 0-20mA Current

12 bit resolution

Frequencies: 868MHz and 915MHz

Up to +14dBm Tx power

Battery powered

UKCA, CE, FCC compliant

Dimensions: 129mm x 67mm x 41mm

**Enclosure IP rating: Standard IP40 / NEMA 1
With optional gasket IP67 / NEMA 4**

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.

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