

enLink Status-T

LoRaWAN Temperature Probes

Synetica's enLink Status-T, LoRaWAN Temperature Probes precisely measure temperature within a range of -55°C up to $+125^{\circ}\text{C}$ ensuring building and facility managers are quickly alerted to system malfunctions.

The monitor provides accurate information in areas where the requirement for temperature data is crucial. It has particular application in food storage and processing units, agri-tech facilities, for legionella monitoring, HVAC systems, data centres and warehousing. The system is also a useful tool for those needing detailed temperature measurements outdoors e.g., for monitoring soil and road temperatures.

The enLink Status-T 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 operational performance and to generate alerts when necessary.



Applications



Warehousing



Energy



Industry



Data Centres





Food



Science

Key Features

-  Supplied with 2, 1m temperature probes
-  Temperature range: -55°C up to $+125^{\circ}\text{C}$
-  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 T – LoRaWAN Temperature Probes

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-T has applications across many different types of industry for a variety of reasons be it to guarantee the microbiological safety of water or to ensure the correct operating temperature of machinery. When fitted together with Synetica's enLink Status AF and enLink Status DP the combination of the integrated systems allow building managers to accurately and continuously measure both air velocity, differential pressure and temperature providing invaluable information for HVAC and critical air flow systems.

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

Range: -55°C up to +125°C

Accuracy: $\pm 0.5^{\circ}\text{C}$ (-10°C - +85°C)

Resolution: 0.1°C

Probe: Stainless steel

Probe size: \varnothing 6mm x 50mm

Cable length: 1m

Waterproof sensor probes

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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