

enLink Status-L

LoRaWAN Water Leak Sensor






Synetica's enLink Status-L – LoRaWAN Leak Sensor detects the presence of water leaks, flooding and condensation using a water detection cable.

Leakage or moisture is detected over the entire length of the cable and the device is available with various cable lengths to facilitate leakage sensing over a wide area. When an issue is detected, a message is transmitted up to 16km using long range LoRa wireless to generate an alarm so early action can be taken.

Adaptive transmission sends a message immediately on detection of a leak and periodic heartbeat messages provide assurance that the system is operating correctly. The monitor is powered via a long-life battery ensuring simple, low-cost installation.



Key Features

-  Supplied with leak cable 1-10m
-  Leaks detected anywhere along cable length
-  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

Applications



Commercial



Energy



Infrastructure



Pharma



Retail



Laboratory

enLink Status-L – LoRaWAN Leak 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-L is suitable for a variety of applications including leak sensing during the construction phase of a development but also for areas of a building containing highly valuable items or sensitive information such as data centres, offices, hospitals, museums and plant rooms.

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.

Water Leak Cable Characteristics

Material	Conductive polyethylene + alloy wire
Resistance	7 Ohms/metre
Overall diameter	Sense 6.0mm Leader 3.2mm
Length	1, 2, 5, & 10m
Sensing area	Entire length
Maximum length	20m
Leader cable	1, 2 & 3m
Compliance	UKCA, CE, FCC
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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