

# enLink Zone View Home

To help prevent damp and mould

Synetica's enLink Zone View Home LoRaWAN Damp and Mould Sensor monitors key environmental factors which can trigger a build-up of damp, and subsequently mould in a property. The enLink Zone View Home continuously measures relative humidity and temperature to provide useful and actionable data for homeowners and landlords.

The enLink Zone View Home detects the conditions necessary for mould to thrive, providing an alert so early remedial action can be taken. Data from the sensor is transmitted using LoRaWAN long-range wireless, providing a real-time display for occupants and cloud-led information for landlords if required.

A discreet e-paper screen shows the current temperature and humidity levels. Custom messages can be sent to the display via LoRaWAN downlink, providing a useful tool for notifying home occupants of health risks due to environmental conditions. The display has two push buttons that can be used to provide user feedback, such as alert acknowledgements or changing parameters.

Designed and manufactured in the UK, the enLink Zone View Home is a simple to install, battery powered unit offering users a low cost, customizable option for damp and mould monitoring.



## Key Features

-  Detailed, accurate measurements
-  Detects the conditions for mould growth
-  Stylish, discreet design
-  Easy configuration via USB/downlink
-  LoRa™ wireless, up to 16km range
-  Real-time information
-  E-paper user display

## Display Icons



Healthy



Risk of  
mould



High  
temperatures

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

A build-up of damp and mould in homes has been linked to serious health implications especially for people with respiratory problems, allergies or asthma. Typical symptoms include sneezing, a congested nose, irritated eyes, and skin ailments such as eczema. Mould can also impact the immune system and initiate more severe conditions, including the onset of asthma attacks.

Mould and mildew can readily form in homes when there is damp, condensation, high humidity or poor ventilation. Synetica's enLink Zone View Home monitor provides a layer of digital protection - maintaining vigilance for the ingress of damp conditions. It enables homeowners and landlords take a proactive approach against mould and mildew, allowing them to act early to resolve issues quickly and more cost effectively.

The enLink Zone View Home has qualified for the Works with WELL license, a program offered by the International WELL Building Institute (IWBI) to celebrate products that align with specific health strategies in the WELL Building Standard, the leading global standard for health. The achievement of this license demonstrates Synetica's commitment to advancing environmental monitoring in residential buildings.

**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.**

### Specifications

|                        |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Temperature</b>     | Accuracy: $\pm 0.2^{\circ}\text{C}$ (typical)<br>Repeatability: $\pm 0.1^{\circ}\text{C}$<br>Range: $-40 - 85^{\circ}\text{C}$<br>Response time $\tau_{63\%}$ : 2s |
| <b>Humidity</b>        | Accuracy: $\pm 1.8\%$ RH (typical)<br>Range: 0 – 100 % RH<br>Repeatability: $\pm 0.25\%$<br>Response time $\tau_{63\%}$ : 4s                                       |
| <b>E-paper display</b> | Size: 2.7"<br>Type: a-Si active matrix TFT e-paper<br>Resolution: 264 x 176 (117dpi)<br>Viewing angle: Super wide, near 180°                                       |
| <b>Batteries</b>       | Type: 3 x AA 1.5 Volt Alkaline<br>Life expectancy*: 3 Years+                                                                                                       |
| <b>Wireless</b>        | Protocol: LoRaWAN<br>Range: Up to 16km<br>Frequency: EU868MHz*, US915MHz* and AU915MHz*                                                                            |
| <b>Certification</b>   | CE, FCC, UKCA, ROHS                                                                                                                                                |
| <b>Dimensions</b>      | 85 x 85 x 25mm                                                                                                                                                     |
| <b>Optional extras</b> | Light levels, VOCs, CO <sub>2</sub> , Presence / Occupancy*                                                                                                        |

\*Model Dependent  
# Dependent on factors including transmission interval, signal strength and temperature

### 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)

**T: +44 (0)1785 818919 E: [enlink@synetica.net](mailto:enlink@synetica.net)**

Synetica Limited, Hilton House, 40 High Street, Stone, Staffordshire. ST15 8AU UK

