ASSET MONITORING

enLink Status-AF

LoRaWAN Air Velocity Sensor

Synetica's enLink Status-AF, LoRaWAN Air Velocity Sensor measures air velocity with industry leading accuracy ensuring air flow rates for HVAC are monitored at all times.

The system is also suitable for areas where the need to monitor air flow is paramount such as hospital operating rooms and laboratory, industry and pharmaceutical clean rooms.

The enLink Status-AF 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

- Commercial
- Energy
- Infrastructure
- Pharma
- Healthcare
- Laboratory

Key Features

- Supplied with air velocity probe 100mm to 600mm
- Air velocity range 0 – 40m/s
- 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-AF – LoRaWAN Air Velocity Sensor

Europe & UK Distributor for Synetica
CONCEPT13.co.uk
LoRaWAN® Technology Experts

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-AF is suitable for a variety of applications including air velocity monitoring in public buildings and industrial plants. When fitted together with Synetica's enLink Status DP the combination of both systems allow building managers to accurately and continuously measure both air velocity and differential pressure 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: 0 to 40m/s**
- **Long-term stability ±0.1% FSS**
- **Exceptional zero stability**
- **Selectable bandwidth filter**
- **Up to 7 calibrated ranges, with automatic range selection**
- **Accuracy: 0.1% per range**
- **Integrated 50/60Hz filter**
- **Temperature compensated**
- **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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