



Fusion by EasyLog
Starter Kit



Fusion by EasyLog Starter Kit

The all-new EasyLog Fusion System introduces an advanced new solution for temperature monitoring and data logging.

A Cloud-based system that provides real-time alarms, notifications, data visualisation and analysis, making it easy for users to spot critical events and trends.

Setting new standards in reliability and data security, you can be sure EasyLog Fusion provides continual protection and risk reduction.

Easily expandable, EasyLog Fusion can be scaled from monitoring a single container to a complete building or warehouse.



Features and Benefits

Complete Visibility



Combining simplicity with powerful cloud based monitoring, EasyLog Fusion gives you complete visibility of your environment, anytime, anywhere.

Always Connected



Every reading is automatically captured, securely stored and instantly accessible. With EasyLog Fusion's ultra reliable cloud connectivity there are no gaps, no delays and no reliance on manual processes.

Instant Alerts



Instant alerts ensure that issues are identified immediately allowing you to act quickly and maintain control across your environment. Protecting product quality, reducing operational risk and ensuring you are always audit-ready.

Easy to Install



Designed for rapid deployment, EasyLog Fusion easily adapts from single point monitoring to full facility and multi-site coverage across laboratories, hospitals and life science environments.

EasyLog Cloud

One Platform. Total Visibility. Complete Control

EasyLog Cloud unifies your entire monitoring environment within one secure platform, delivering greater visibility, quicker decision-making, and enhanced operational control.



Flexible Dashboards

Customisable dashboards display the data most important to you, providing clear, actionable insights across your operations.

Intelligent Real Time Alerts

Multi-tier alert notifications can be delivered via SMS, WhatsApp, email, push notifications, and voice calls, with full traceability of all actions taken.

Continuity of data

Continuous data logging ensures every reading is captured, protected, and preserved, even during network or power outages. Sensors can store and buffer data locally during connection interruptions and automatically backfill data to the cloud once connectivity is restored.

Asset Bases Continuous Record

Data remains linked to the asset itself, ensuring that replacing devices never interrupts historical records or alarm continuity.

Automated Reporting

Audit-ready reports are automatically generated within EasyLog Cloud, reducing manual workload, improving efficiency, and ensuring your data is always available when required.

System Specifications – Gateway

The EasyLog Fusion Gateway provides a secure and reliable connection between your sensors and the cloud. Supporting ethernet, Wi-Fi and cellular connection it ensures continuous data transmission even if one network path is disrupted.

Gateway	
Cloud Communications	
Ethernet	✓
WiFi (2.4GHz, supports Enterprise Networks)	✓
Cellular (NB-IOT, Cat M, 2G)	✓
Sensors	
Wireless – Bluetooth Mesh	✓
Instant pairing to Sensors	✓
User-defined Sensor configurations	✓
Power Supply	
Power over Ethernet (802.3AT/POE+)	✓
12 VDC	✓
Data Security	
Encrypted communications (128-bit AES or higher)	✓
User Interface	
Live App and Cloud data and status	✓
Alarm and status lights	✓
Sounder	✓
Operating Environment	
Temperature Range (°C)	-20 to +60°C
IP Rating	IP4X
Indoor use only	✓



System Specifications – Sensor

EasyLog Fusion sensors provide accurate, flexible monitoring for a wide range of applications. With built-in temperature and humidity sensing, plus support for smart probes, they can measure multiple parameters within a single system. Interchangeable smart probes can also be hot-swapped for newly calibrated ones without disruption, helping to reduce downtime and maintain continuity during calibration and maintenance.

Fusion Sensor +	
Communications to Gateway	
Wireless – Bluetooth Mesh	✓
Instant pairing to Gateway	✓
Device Operating Environment	
Temperature Range (°C)	-20 to +60°C
Relative Humidity	0 to 100%RH
IP Rating	IP66
Accuracy	±0.5±C
Logging rate: user selectable	10 sec to 12 hrs
Sync rate to Cloud: user selectable	1 min to 24 hrs
High and Low alarms: user selectable	✓
Cumulative alarms: user selectable	✓
Internal data storage	10,000 readings
Compatible with Lascar smart probes	✓
Power Supplies	
Internal lithium battery	✓
Battery Life	1 Year
USB-C power supply	✓
Data Security	
Encrypted communications (128-bit AES or higher)	✓
User Interface	
Live App and Cloud data and status	✓
Alarm and status lights	✓
Sounder	✓
LCD Display	✓

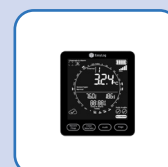
Fusion Sensor +

Wireless sensor with display

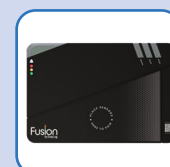


What's included in the Starter Kit?

Gateway with cellular
2x Sensor with Display
2x TP+ smart probes
Power plug
2x USB cable
2m network cable



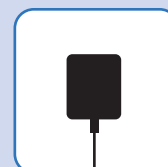
Fusion Sensor+



Gateway



Smart Temperature Probe



PSU



USB cables



2m network cable

High Accuracy Smart Temperature Probe



Applications:



Laboratories



Hospitals



Pharmacies



Storage

Temperature Range	-40 to +125°C (-40 to +257°F)
Temperature accuracy	±0.2 (-15 to +80°C) ±0.6 (-40 to +125°C)