

EasyLog Fusion

Simplify and automate continuous environmental monitoring in regulated sectors with EasyLog Fusion.

Automated, Continuous, Compliant



Automated Monitoring for Life Science

Automate environmental monitoring with EasyLog Fusion, a secure, cloud-connected data logging platform delivering continuous data, instant alerts, and fast, scalable deployment.



Fusion gives you certainty, not just visibility.

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.

Designed to Support Regulated Environments

EasyLog Fusion has been developed with compliance at its core. Regulatory requirements are built into the system from the ground up, from 21 CFR Part 11-focused data validation and security to complete audit trails and automated, compliance-ready reporting.

All monitoring data, documentation, and supporting records are managed within a single platform, ensuring alignment between your processes and your data. Audit trails, reports, calibration certificates and validation documentation are always accessible and fully traceable.

Every reading is linked directly to the asset being monitored, preserving data continuity even during calibration, maintenance, or device changes. This ensures records remain complete, consistent, and defensible at all times.



Designed to support compliance with



Robust cloud connectivity

Including LAN, Wi-Fi and cellular with fallback in the event of network failure.



Fast tap-to-play sensor deployment

Quickly pair sensors to your gateway with via NFC with reliable wireless mesh connectivity.



Designed for Life Science

Digital sensors feature a visual 30-day summary of alarms, along with current, minimum, and maximum temperature readings and an integrated audit button for quick, compliant checks.



No Monitoring Downtime

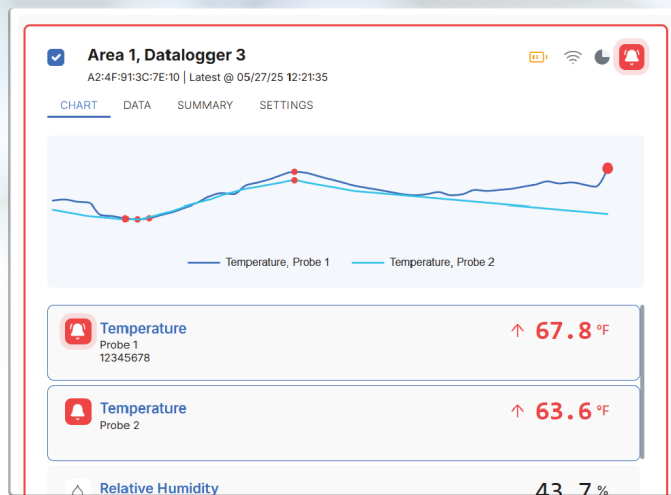
Smart probes enable hot-swap calibration with zero downtime and clean, compliant calibration records.



EasyLog Cloud

One Platform. Total Visibility.
Complete Control.

EasyLog Cloud brings your entire monitoring environment into one secure platform, giving you complete oversight, faster decision-making and greater operational control.



5 Dataloggers need your attention.

0 of 10

Escalated Alarm



2 of 10

Alarm



1 of 10

Power Warning



2 of 10

Device Warning



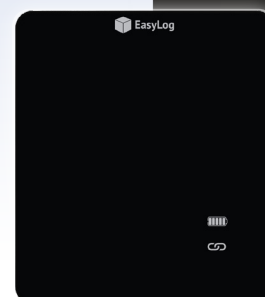
Flexible Dashboards

Customisable views present the data that matters most, giving you clear, actionable insight across your operation.

Intelligent Real Time Alerts



Alert notifications with three tiers of escalation via SMS, WhatsApp, email, push and voice calls with full traceability of resulting actions.



Continuity of Data

Continuous data capture ensures every reading is recorded, protected, and preserved, even during network or power interruptions. Sensors store and buffer data in the event of network issues and will backfill data once reconnected to the cloud.



Asset Based Continuous Records

Data stays linked to the asset, so device changes never disrupt history or alarms.



Automated Reporting

Accurate, audit-ready reports automatically generated in the EasyLog Cloud, reducing manual effort, saving time, and ensuring your data is always ready when you need it.

System Specification

Gateway

The EasyLog Fusion Gateway provides a secure and reliable connection between your Sensors and the cloud. Supporting ethernet, Wi-Fi and cellular connectivity, it ensures continuous data transmission even if one network path is disrupted. NFC-enabled tap-to-pair setup allows devices to be connected quickly and easily, simplifying installation and reducing deployment time.



Gateway with GSM ELF-G-2		Gateway non- GSM ELF-G-1	
Cloud Communications			
Ethernet	✓		
Wi-Fi (2.4GHz, supports Enterprise networks)	✓		
Cellular (NB-IOT, Cat M, 2G)	✓		
Sensors			
Wireless Mesh	✓		
Max. number of connected Sensors	20		
Instant pairing to Sensors	✓		
User-defined Sensor configurations	✓		
Power Supply			
Power over Ethernet (802.3AT/POE+)	✓		
Supply Voltage	24w 12vdc		
Data Security			
Encrypted communications	128-bit AES or higher		
User Interface			
Software	EasyLog Cloud provides reporting via PC and App interfaces		
Alarm Indicators	Visual LED alarm indicating status and audible sounder		
Operating Environment			
Temperature Range (°C)	-20 to +60°C		
IP Rating	IP4X		
Indoor use only	✓		
Additional Information			
Dimensions	108mm(h) x 162mm(w) x 37mm(d)		
Net Weight	315g		
Compliance and Certifications			
CE FC IC  			

	Fusion Sensor +	Fusion Sensor
Communications to Gateway		
Wireless Mesh	✓	✓
Instant pairing to Gateway	✓	✓
Device Operating Environment		
Temperature Range (°C)	-20 to +60°C	-20 to +60°C
Relative Humidity	0 to 100%RH	0 to 100%RH
IP Rating	IP66	IP66
Accuracy	±0.5±C	±0.5±C
Logging rate: user selectable	10 sec to 12 hrs	10 sec to 12 hrs
Sync rate to Cloud: user selectable	1 min to 24 hrs	1 min to 24 hrs
High and Low alarms: user selectable	✓	✓
Cumulative alarms: user selectable	✓	✓
Internal data storage	10,000 readings	10,000 readings
Compatible with Lascar smart probes	✓	✓
Power Supplies		
Internal lithium battery	✓	✓
Battery Life	1 Year	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	✓	
Compliance and Certifications		
CE FC IC		

Sensor

EasyLog Fusion Sensors are designed to deliver accurate, flexible monitoring across a wide range of applications. With integrated temperature and humidity sensing and support for smart probes, they enable multiple parameters to be measured within a single system. Interchangeable smart probes can be quickly hot-swapped for newly calibrated ones without disruption, reducing downtime and maintaining continuity during calibration and maintenance.

Fusion Sensor +
Wireless sensor with display

A small black square device with a circular display showing temperature and humidity readings.

Fusion Sensor
Wireless sensor

A small black square device without a display.

Smart Probes

Smart probes enhance traceability and confidence in your data by linking every measurement to a specific, calibrated device. They enable seamless interchangeability while maintaining a clear audit trail, so you can prove exactly which calibrated probe produced every data point.

Temperature and Humidity Probe

Applications:
Laboratories
Storage

A black cable with a probe tip.

Temperature Range	-30 to +80°C
Temperature accuracy	±0.3 (+5 to +60°C) ±0.8 (-20 to +60°C)
Humidity Range	0 to 100% RH
Humidity accuracy	25°C ±2%RH (20 to 80%RH)

High-Accuracy Temperature and Humidity Probe

Applications:
Laboratories
Storage

A black cable with a probe tip.

Temperature Range	-30 to +80°C
Temperature accuracy	±0.2 (+5 to +60°C) ±0.8 (-20 to +60°C)
Humidity Range	0 to 100% RH
Humidity accuracy	25°C ±1.8%RH (20 to 80) ±4%RH (0 to 100)

Pressure, High-Accuracy Temperature and Humidity Probe

Applications:
Controlled Environment
Laboratories
Storage

A black cable with a probe tip.

Temperature Range	-30 to +80°C
Temperature accuracy	±0.2 (+5 to +60°C) ±0.8 (-20 to +60°C)
Humidity Range	0 to 100% RH
Humidity accuracy	25°C ±1.8%RH (20 to 80) ±4%RH (0 to 100)
Pressure Range	300 to 1200 mbar

High Accuracy Smart Temperature Probe

Applications:
Laboratories
Hospitals
Pharmacies
Storage

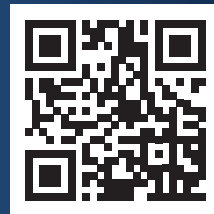
A black cable with a probe tip.

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

Coming Soon
Vaccine smart probe with glycol.

Ready to **upgrade** to continuous, compliant temperature monitoring?

SCAN NOW



Contact our technical team
for a system consultation.

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