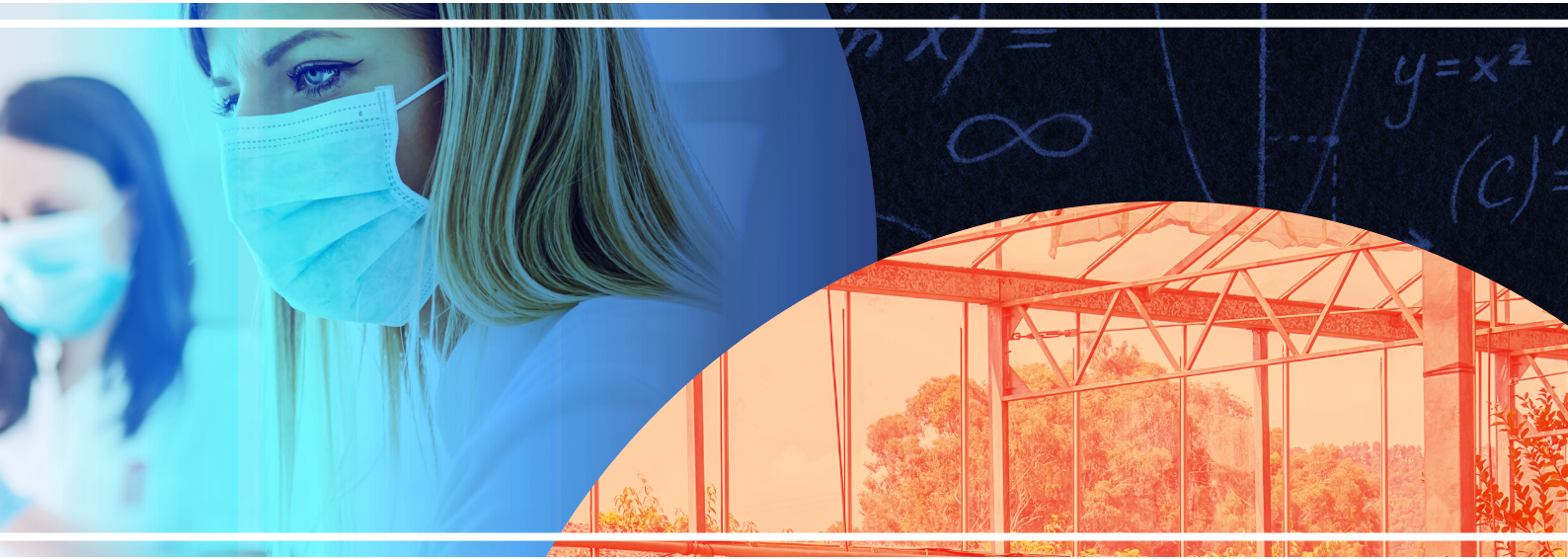




Environment & Process Monitoring

New Products for 2022





New Environment and Process Monitoring Solutions

Environmental variables such as temperature, humidity, CO₂ and air quality can impact the way we work, and affect the quality of products and goods such as vaccines, pharmaceuticals and foods. Our latest products offer some of the most advanced remote monitoring solutions on the market. Our CO₂ and Indoor Air Quality monitors help users to prevent the build-up of airborne viruses, pollutants and odours, ensuring Indoor Air Quality remains excellent, whilst our Wireless Alert Pro sensors allow users to keep a close eye on temperature and humidity sensitive products and processes.

Wireless Alert PRO Temperature & Humidity Alerting	Page 4
EL-WiFi-X Pharmaceutical and Vaccine Temperature Monitoring	Page 6
EL-WEM Indoor Air Quality Data Logging	Page 8
EL-IOT-CO ₂ CO ₂ Data Logging	Page 10
EL-SIE Multi-Parameter Data Logging	Page 12
EasyLog Cloud Remote Monitoring Portal	Page 14
More Products from FilesThruTheAir	Page 16



Wireless Alert PRO

Professional, Wi-Fi Connected Alert Sensors

Enabling the Wireless Workplace

Temperature

Humidity

4 to 20 mA

Alert Sensor

Wi-Fi Connected

Whether it be ultra-cold sample storage, higher temperature processes or humidity levels, Wireless Alert PRO is the ideal solution to keeping a close eye on critical conditions for long-term controlled storage and process environments. Use the FilesThruTheAir app to set upper and lower limits for the parameter being monitored and receive email and in-app alerts if those limits are breached. A quick glance at the FilesThruTheAir app dashboard will show the latest status and reading for all connected Wireless Alert PRO devices.

- Options for monitoring Temperature, Extended-Range Temperature, Temperature & Humidity, and 4-20mA signals
- Flexible alert settings
- In-app and email alert notifications
- Real-time device status via the FilesThruTheAir app dashboard
- Emailed scheduled summary reports
- Permanent power via USB-C



WA-PRO-T
Wi-Fi Connected Ambient Temperature Limit Alert.
-20 to +60 °C (±0.5 °C typical)

RRP **£39.95**
Available Q2 2022

WA-PRO-TP
Wi-Fi Connected Temperature Limit Alert.
-40 to +125 °C (±0.8 °C typical)

RRP **£54.95**
Available Q2 2022

WA-PRO-T+
Wi-Fi Connected High-Accuracy Ambient Temperature Limit Alert.
-20 °C to +60 °C (±0.15 °C typical)

RRP **£49.95**
Available Q2 2022

WA-PRO-TP+
Wi-Fi Connected High-Accuracy Temperature Limit Alert.
-40 to +125 °C (±0.2 °C typical)

RRP **£64.95**
Available Q2 2022

WA-PRO-VAC
Wi-Fi Connected Vaccine Temperature Limit Alert.
-40 to +60 °C (±0.1 °C typical)

RRP **£89.95**
Available Q2 2022

Upcoming Products

WA-PRO-THP
Temperature and Humidity Limit Alert

WA-PRO-TC
Thermocouple Temperature Limit Alert

WA-PRO-THP+
High-Accuracy Temperature and Humidity Limit Alert

WA-PRO-420
4-20 mA Limit Alert



Buy a Wireless Alert PRO Sensor



Contact us now for more detail on the Wireless Alert PRO range
Tel +44 (0) 1425 651111



EasyLog

Your data, anytime, anywhere

EL-WiFi-X Range

Temperature Data Logging with Powerful Local and Remote Alert Notification

Temperature

Vaccine

EasyLog Cloud

Data Logger

The EL-WiFi-X range consists of two, high-accuracy, Wi-Fi connected temperature data loggers that display live temperature, provide audible and visible alarms, and connect to the EasyLog Cloud (see page 14), allowing for 24/7 remote monitoring. Both devices feature a digital calibratable thermistor probe. This means updating your device's calibration is as easy as swapping in a newly calibrated probe for the old, with no need to take your device out of service. The EL-WiFi-VACX thermistor probe is buffered by a glycol bottle to more accurately replicate internal temperatures of vaccines and other chilled goods.

Alongside remote alerting via the EasyLog Cloud, both the EL-WiFi-TPX and EL-WiFi-VACX feature advanced local alarming with on-board audible beepers and flashing lights which trigger whenever a temperature breach is detected.

With the EL-WiFi-X range you can benefit from robust temperature records that evidence your due diligence, and receive prompt alerts when a temperature issue arises, potentially allowing you to prevent damage to valuable pharmaceuticals and goods.

- Monitor temperature in a wide range of applications
- Set custom sample and logging rates
- View data, 24/7, from anywhere in the world on the EasyLog Cloud (via any internet-enabled device)
- Digital calibratable probes
- Set custom temperature alert limits
- LCD screen capable of displaying live temperature, minimum/maximum temperature, battery level, Wi-Fi signal and alert status
- Powered by rechargeable battery or mains power (adapter sold separately)



EL-WiFi-TPX+
Advanced Wi-Fi Connected Temperature Data Logger with Local and Remote Alerting
-40 to +125 °C (±0.2 °C typical)

RRP
£179.99

Available Now

EL-WiFi-VACX
Advanced Wi-Fi Connected Vaccine Temperature Data Logger with Local and Remote Alerting
-40 to +60 °C (±0.1 °C typical)

RRP
£209.99

Available Now

Buy an EL-WiFi-X Data Logger 



Contact us now for more detail on the EL-WiFi-X range
Tel +44 (0) 1425 651111



EasyLog

Your data, anytime, anywhere


EL-WEM

Indoor Air Quality Calculated from Up to Five Parameters

- IAQ
- Temperature
- Humidity
- VOCs
- Particulates
- CO₂
- Pressure
- Data Logger
- Wi-Fi Connected
- EasyLog Cloud


EL-WEM products offer a fully automated, cloud-connected indoor air quality monitoring solution, ideal for monitoring air quality in a wide variety of indoor spaces, in the workplace or at home. These devices automatically calculate and rate indoor air quality, from inadequate to excellent, by measuring temperature, humidity, volatile organic compounds, particulate matter, pressure, and CO₂ (only available with EL-WEM+).

The current indoor air quality is displayed via the EL-WEM's onboard coloured status ring, with historical data also being accessible via the EasyLog Cloud (see page 14). The status ring, together with the EL-WEM's sounder and EasyLog Cloud's email and SMS alert system, notifies users to changes in the environment both locally and remotely.



EL-WEM
Indoor air quality monitor (temperature, humidity, VOCs, particulate matter (PM10, PM2.5), pressure)

RRP **£189.99**
Available Now



EL-WEM+
High-accuracy indoor air quality monitor with extra measurement parameters (temperature, humidity, VOCs, CO₂, particulate matter (PM10, PM2.5, PM1), pressure)

RRP **£219.99**
Available Q2 2022

- Monitors Indoor Air Quality (IAQ)
- Data stored on the EasyLog Cloud
- Onboard coloured-status ring and alarm
- Remote alerting via email and SMS
- Mains powered with internal back-up battery
- Measures:
 - Temperature -20 to +60 °C
 - Humidity 0 to 95 %RH
 - Biogenic Volatile Organic Compounds
 - Particulate Matter PM10, PM2.5, PM1 (EL-WEM+ Only)
 - CO₂ 0 to 40,000 ppm (EL-WEM+ Only)
 - Pressure 300 to 1100 mbar

IAQ Rating	Excellent	Good	Fair	Poor	Inadequate
IAQ Score	≥ 18 points	≥ 16 points	≥ 12 points	≥ 8 points	< 8 points

	Temperature °C	Humidity % RH	VOC Index	PM10 µg/m ³
5 points	18 « T « 21	40 « RH « 60	VOC < 50	PM < 33
4 points	17 « T < 18 21 < T « 22	30 ≤ RH < 40 60 < RH ≤ 70	51 « VOC < 100	33 « PM < 58
3 points	16 « T < 17 22 < T « 23	20 « RH < 30 70 < RH « 80	101 ≤ VOC < 150	58 « PM < 75
2 points	15 « T < 16 23 < T « 24	10 « RH < 20 80 < RH « 90	151 « VOC < 200	75 « PM < 91
1 point	T < 15 T > 24	RH < 10 RH > 90	VOC ≥ 201	PM ≥ 91



Buy an EL-WEM
IAQ Monitor



Contact us now for more detail on the EL-WEM range
Tel +44 (0) 1425 651111



EasyLog

Your data, anytime, anywhere

EL-IOT-CO₂

Monitor CO₂ to Improve Indoor Ventilation

Temperature

Humidity

CO₂

Data Logger

Wi-Fi Connected

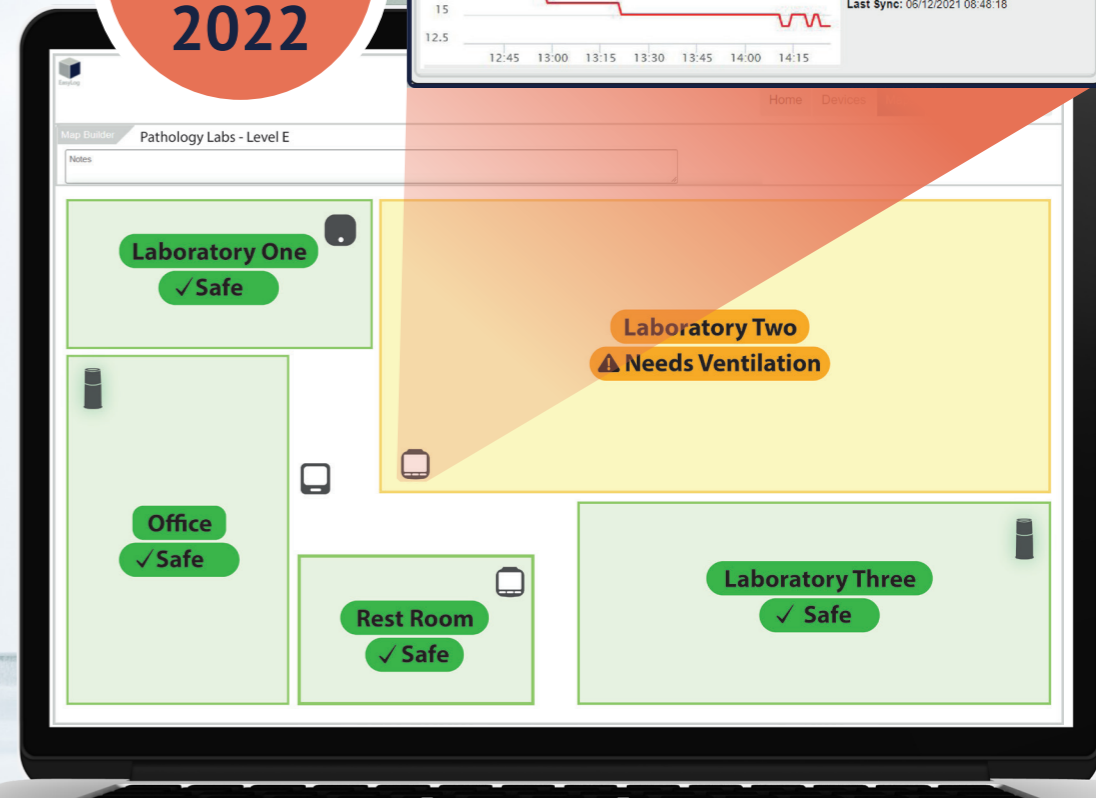
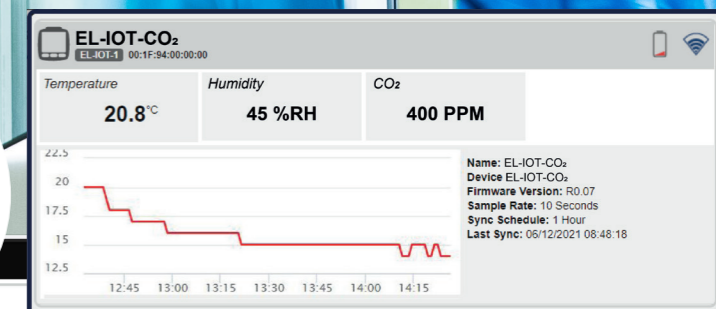
EasyLog Cloud

The latest addition to the EL-IOT range, the EL-IOT-CO₂ monitors indoor air quality, making it the perfect device for ensuring that comfort levels and air safety remain optimal at all times whether that be in offices, labs, warehouses, factories, classrooms, agricultural environments and even your home! The EL-IOT-CO₂ monitors ambient temperature and humidity, as well as CO₂, a key indicator of adequate ventilation. Live data is displayed on the device's high-contrast LCD screen, whilst historical data is stored on the EasyLog Cloud (see page 14), accessible from anywhere, 24/7.

- Monitors temperature, humidity, and CO₂
- Automatically uploads data to the EasyLog Cloud
- LCD display shows current, maximum and minimum readings
- Customisable alarm limits
- Status indicators and sounder
- Remote alerting via email and SMS
- Typical battery life of six months or can be mains powered



NEW MAP FEATURE
LAUNCHING ON
EASYLOG CLOUD IN
2022



EL-IOT-CO₂
 Cloud-Connected Air Quality Data
 Logger with LCD Display
 -20 to +60 °C (±0.3 °C typical),
 0 to 100 %RH (±2 %RH typical),
 0 to 40,000 ppm (±10.5 % at 400 ppm)

RRP **£149.99**
 Available Q2 2022



Buy an EL-IOT Data Logger



Contact us now for more detail on EL-IOT-CO₂
Tel +44 (0) 1425 651111



EasyLog

Your data, anytime, anywhere

EL-SIE

New Data Logging Platform with Smart Probe Connectivity

Temperature

Humidity

CO₂

LUX

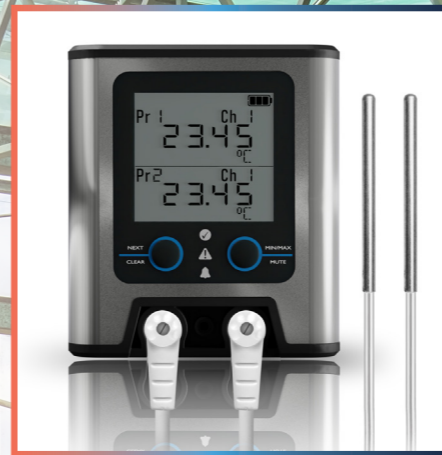
Data Logger

USB Connected

Smart Probes

Extending our popular and easy-to-use EL-SIE data logger range, this brand-new platform offers a large format display (ideal for wall mounting), up to two probe connection sockets, and the capacity to store over 1,000,000 readings. With USB connectivity, the EL-SIE is well suited to those applications where a reliable Wi-Fi connection may not be available, such as when in the field or in areas with heavy radio interference. Accessing your data is simple, with no software to install and no internet connectivity required – simply connect the EL-SIE to a PC, Mac or USB compatible tablet, and use any web browser to view, analyse and download your data. Options for measuring Temperature & Humidity and Extended-Range Temperature are available to order now, with LUX, CO₂ and VOC versions coming soon!

- Device setup and data access via web browser (no software to install)
- Can be used with PC or Mac
- Stores over 1,000,000 readings
- Flexible data logging and alert setting options
- Display shows current, maximum and minimum readings
- Status and alarm indicators and on-board alarm sounder
- Data can be uploaded to the EasyLog Cloud



From £99.99 Available Q2 2022



EL-SIE-TH & EL-SIE-DTH

Single and Dual Channel Temperature and Humidity Data Loggers with USB Interface.
-30 to +80 °C (±0.3 °C typical)
0 to 100 %RH (±2 %RH typical)



EL-SIE-ULT & EL-SIE-DULT

Single and Dual Channel Ultra-Low Temperature Data Loggers with USB Interface.
-100 to +100 °C (±2.5 °C)



EL-SIE-TC & DTC

Single and Dual Channel Wide-Range Thermocouple Temperature Data Loggers with USB Interface.
0 to +200 °C (±1 °C typical)



EL-SIE-TH+ & EL-SIE-DTH+

Single and Dual Channel High-Accuracy Temperature & Humidity Data Loggers with USB Interface.
-30 to +80 °C (±0.2 °C typical)
0 to 100 %RH (±1.8 %RH typical)



EL-SIE-ULT+ & EL-SIE-DULT+

Single and Dual Channel High-Accuracy Ultra-Low Temperature Data Loggers with USB Interface.
-100 to +100 °C (±1.8 °C)

More Upcoming Products

EL-SIE-CO₂
CO₂ Data Logger

EL-SIE-LUX
Light Level Data Logger

EL-SIE-TP
Temperature Probe Data Logger

EL-SIE-TP+
High-Accuracy Temperature Probe Data Logger

EL-SIE-DTP
Dual-Channel Temperature Probe Data Logger

EL-SIE-DTP+
High-Accuracy Dual-Channel Temperature Probe Data Logger

EL-SIE-VAC
Vaccine Temperature Data Logger

Buy an EL-SIE Data Logger



Contact us now for more detail on the EL-SIE range

Tel +44 (0) 1425 651111



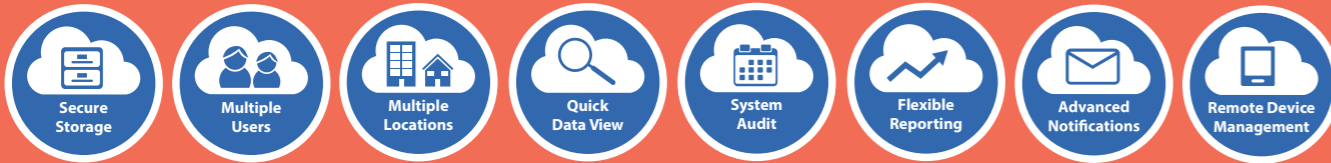
EasyLog

Your data, anytime, anywhere

EasyLog Cloud

EasyLog Cloud with EasyLog hardware harnesses the power of IoT to automate data logging and alert notifications. Offering all of the features described below and many more, EasyLog Cloud gives you the ability to monitor and manage multiple wireless data logging devices in different locations completely remotely.

The EasyLog Cloud system works to suit your needs, from simple domestic environmental monitoring, to compact business systems with just a few measuring points, and corporate solutions with hundreds of sensors around the world. The flexibility that EasyLog Cloud offers makes enabling the wireless workplace easier and more achievable than ever before.



Quick View Dashboard

Easily assess the status of favourite devices and check for recent events.

Easy Device Management

Search for devices by location, filter by type, or use text-based search.

Advanced Notifications

Receive notifications via email and SMS, set up multiple recipients and configure escalation rules.

Powerful Data Analysis and Reporting

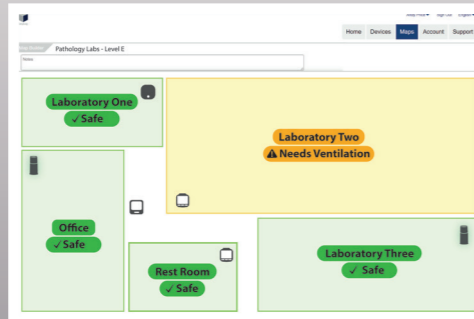
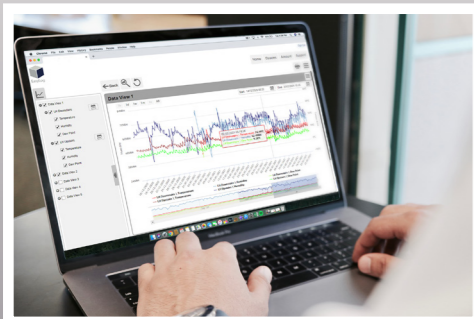
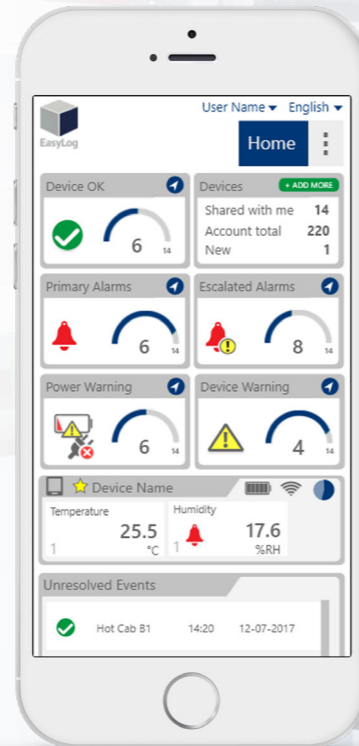
Compare data from multiple devices and different time periods, view, print and export data summaries.

Detailed System Audit Records

Keep track of changes to device settings and user actions.

Map View (coming soon)

View devices and status on an imported floorplan/location image.





EL-WEM Range

  **EL-WEM**
Indoor Air Quality (IAQ) Monitor
Temperature, Humidity, VOCs, Particulates (PM10, PM2.5) and Pressure


  **EL-WEM+**
Indoor Air Quality (IAQ) Monitor
Temperature, Humidity, CO₂, VOCs, Particulates (PM10, PM2.5, PM1) and Pressure

EL-IOT Range



  **EL-IOT-CO₂**
Temperature, Humidity and CO₂ Data Logger
-20 to +60 °C, 0 to 100 %RH, 0 to 40,000 ppm



  **EL-IOT-1**
Ambient Temperature Data Logger
Measurement range -20 to +60 °C

EL-WiFi Range

  **EL-WiFi-TPX+**
Temperature Data Logger with Thermistor Probe
-40 to +125 °C (-40 to +257 °F)

  **EL-WiFi-T**
Temperature Data Logger
-20 to +60 °C (-4 to +140 °F)

  **EL-WiFi-TH**
Temperature, Humidity and Dew Point Data Logger
-20 to +60 °C (-4 to +140 °F), 0 to 100 %RH



  **EL-WiFi-VAC**
Vaccine Monitoring Data Logger
-40 to +60 °C (-40 to +140 °F)



  **EL-WiFi-ULT**
Ultra-Low Temperature Data Logger
-100 to +100 °C (-148 to +212 °F)



Refer to the FilesThruTheAir website for the complete EL-WiFi range including high-accuracy, dual-channel, 21CFR and ultra-low temperature variants.



EL-SIE Range

  **EL-SIE-TH+**
High-Accuracy Temperature & Humidity Data Logger with USB Interface
-30 to +80 °C, 0 to 100 %RH

  **EL-SIE-TC**
Thermocouple Temperature Data Logger with USB Interface
0 to +200 °C (+32 to +392 °F) (with Supplied Thermocouple)

  **EL-SIE-1+**
High-Accuracy Temperature Data Logger with USB Interface
-18 to +55 °C (-0.4 to +131 °F)

  **EL-SIE-2+**
High-Accuracy Temperature and Humidity Data Logger with USB Interface
-18 to +55 °C (-0.4 to +131 °F), 0 to 100 %RH



  **EL-SIE-6+**
High-Accuracy Temperature, Humidity and Pressure Data Logger with USB Interface
-18 to +55 °C (-0.4 to +131 °F), 0 to 100 %RH, 300 to 1200 mbar



Refer to the FilesThruTheAir website for the complete EL-SIE range.

EL-USB Range

  **EL-USB-1**
Temperature Data Logger with USB Interface
-35 to +80 °C (-31 to +176 °F)

  **EL-USB-2-LCD**
Temperature and Humidity Data Logger with LCD Display and USB Interface
-35 to +80 °C (-31 to +176 °F), 0 to 100 %RH

  **EL-USB-TC**
Thermocouple Data Logger with USB Interface
0 to +200 °C (+32 to +392 °F) (with Supplied Thermocouple)



  **EL-USB-VAC**
High-Accuracy Vaccine Temperature Monitoring Data Logger with LCD Display and USB Interface
-40 to +60 °C (-40 to +140 °F)

  **EL-USB-ULT**
Ultra-Low Temperature Data Logger with USB Interface
-100 to +100 °C (-148 to +212 °F)

Refer to the FilesThruTheAir website for the complete EL-USB range including high-accuracy, 21CFR and ultra-low temperature variants.



Wireless Alert Range

  **Wireless Alert PRO TP+**
Professional Wi-Fi Connected Temperature Limit Alert
-40 to +125 °C

  **Wireless Alert PRO T+**
Professional Wi-Fi Connected High-Accuracy Ambient Temperature Limit Alert
-20 to +60 °C

  **Wireless Alert TP**
Wi-Fi Connected Temperature Limit Alert with External Probe
-40 to +125 °C

  **Wireless Alert T**
Wi-Fi Connected Temperature Limit Alert with Internal Sensor
-18 to +54 °C

  **Wireless Alert TH**
Wi-Fi Connected Temperature and Humidity Limit Alert with Internal Sensor
-18 to +54 °C, 10 to 90 %RH









  **Wireless Alert DC**
Wi-Fi Connected Door Contact Alert Sensor

Visit **FilesThruTheAir** to see our full range of products...







Contact us now for more detail - Tel +44 (0) 1425 651111

EL-MOTE Range





-   **EL-MOTE-TP**
Wi-Fi Connected Temperature Data Logger with External Thermistor Probe
-40 to +125 °C (-40 to +257 °F)
-   **EL-MOTE-T**
Wi-Fi Connected Temperature Data Logger with Stub Thermistor Temperature Probe
-20 to +60 °C (-4 to +140 °F)
-   **EL-MOTE-TH**
Wi-Fi Connected Temperature, Humidity and Dew Point Data Logger with External Probe
-30 to +80 °C (-22 to +176 °F), 0 to 100 %RH
-   **EL-MOTE-ULT**
Wi-Fi Connected Ultra-Low Temperature Data Logger
-100 to +100 °C (-148 to +212 °F)

Refer to the FilesThruTheAir website for the complete EL-MOTE range, including high-accuracy and dual-channel variants.









EL-SGD Range

-   **EL-SGD 43-ATP**
4.3" Panel-Mounted Display with Capacitive Touch Screen, and Four-Channel Temperature Probe Data Logging
-40 to +125 °C (-40 to +257 °F)
-   **EL-SGD 70-ATP**
7" Panel-Mounted Display with Capacitive Touch Screen and Four-Channel Temperature Probe Data Logging
-40 to +125 °C (-40 to +257 °F)

EL-SMS Range









-   **EL-SMS-2G-TP**
Temperature Monitor with SMS Alerts
-40 to +125 °C (-40 to +257 °F)
-   **EL-SMS-2G-TP+**
High-Accuracy Temperature Monitor with SMS Alerts
-40 to +125 °C (-40 to +257 °F)

EL-CC Range

-   **EL-CC-1-001 PK10 (Pack of 10)**
Cold Chain Temperature Data Loggers for Chilled Goods with +2 °C and +8 °C Alarm Thresholds
-30 to +60 °C (-22 to +140 °F)
-   **EL-CC-1-002 PK10 (Pack of 10)**
Cold Chain Temperature Data Loggers for Frozen Goods with -20 °C and -16 °C Alarm Thresholds
-30 to +60 °C (-22 to +140 °F)
-   **EL-CC-2-001 PK10 (Pack of 10)**
Cold Chain Temperature and Humidity Data Loggers for Chilled Goods with +2 °C and +8 °C Alarm Thresholds
-30 to +60 °C (-22 to +140 °F), 0 to 100 %RH
-   **EL-CC-2-004 PK10 (Pack of 10)**
Cold Chain Temperature and Humidity Data Loggers for Ambient Pharma Goods with +8 °C and +25 °C Alarm Thresholds -30 to +60 °C (-22 to +140 °F), 0 to 100 %RH

Refer to the FilesThruTheAir website for the complete EL-CC range.

EL-GFX Range

-   **EL-GFX-1**
Temperature Data Logger with Graphic Display and USB Interface
-30 to +80 °C, (-22 to +176 °F)
-   **EL-GFX-2**
Temperature and Humidity Data Logger with Graphic Display and USB Interface
-30 to +80 °C (-22 to +176 °F), 0 to 100 %RH
-   **EL-GFX-DTP**
Dual-Channel Thermistor Probe Temperature Data Logger with Graphic Display and USB Interface
-40 to +125 °C (-40 to +257 °F)
-   **EL-GFX-DTC**
Dual-Channel Thermocouple Probe Temperature Data Logger with Graphic Display and USB Interface
0 to +200 °C (+32 to +392 °F) (with Supplied Thermocouple)

Refer to the FilesThruTheAir website for the complete EL-GFX range.

Visit **FilesThruTheAir** to see our full range of products...



Contact us now for more detail - Tel +44 (0) 1425 651111

NEED SOMETHING DIFFERENT?

Custom Design Services

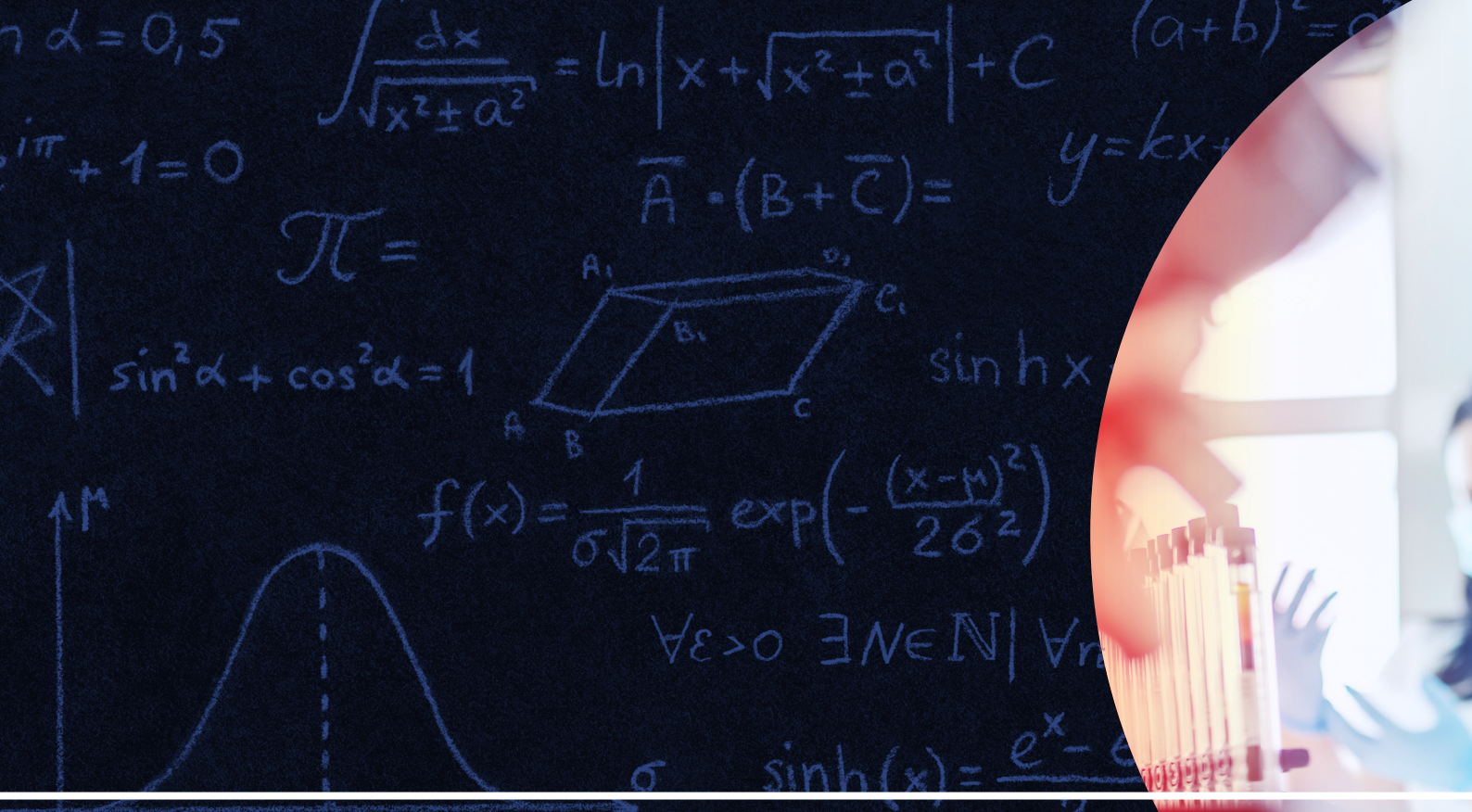
Can't find the exact product you need?

Speak to our team. We may be able to customise our products/software to suit your unique requirements.

Need something more bespoke?

FilesThruTheAir is a part of Corintech Ltd, a leading provider of electronics design and manufacturing services. With over forty years of experience working with businesses from a wide variety of industries, Corintech has extensive experience in all aspects of electronic product design, development and production.

Contact us: +44 (0) 1425 651111 Email: sales@filesthrutheair.com



FilesThruTheAir™ is a trademark of Corintech Ltd, providing electronics design and manufacturing services for over 40 years. For any custom design or manufacturing enquiries contact info@corintech.com