



# Data Loggers for the Food Service Sector

Safety standards in the food service sector make a significant impact on the day to day handling of food in commercial settings. Cold chain management and the increasing need for due diligence in the storage of food present technical challenges to companies and individuals who need to track the conditions in which that food is stored.

Lascar's solution? The EasyLog family of temperature and temperature & humidity data loggers. An inexpensive series of standalone, USB and WiFi-enabled sensors allowing discrete and continuous temperature and humidity monitoring throughout the cold chain environment.

## Remote Monitoring



Unshackle data loggers from the PC with Lascar's WiFi series of sensors, FilesThruTheAir™ Cloud service and the FilesThruTheAir™ App. View multiple sensors in multiple locations from any internet-enabled device, change their settings remotely, access 'Event Logs' for a record of any past triggered alarm events and graph sensor data online. Users can also set up email alerts which will notify them as soon as an alarm event happens.

## Thermometer with Inbuilt Data Logging & Graphing

The EL-EnviroPad-TC is a robust and easy to use handheld device which takes and records temperature readings via the attached K-type probe. A large touch-screen, color display indicates temperature, maximum and minimum readings and will produce a graph of the data. The unit has three modes: Data Logging - when it can be set up and left to take temperature readings at pre-determined intervals for a desired length of time. Spot Measurement - when it can be used as a thermometer to capture one-off temperature readings displayed on screen and Checklist - a feature that allows the user to pre-define over 100 temperature checks by name and their acceptable temperature range. The unit is compatible with any J, K, N and T-type thermocouple probe.



WiFi data loggers for remote monitoring



EL-EnviroPad-TC



Use integrated magnet to attach any EL-GFX logger to refrigerator wall

## Stand Alone USB

Lascar's stand alone EL-USB range includes discrete, battery powered data loggers that measure and store temperature and humidity readings on-board until data is downloaded from them via USB. Simple to set-up, the user just plugs any of these devices into the computer's USB port and, using Lascar's FREE configuration software, names the device, chooses a sampling rate, selects high and low alarms if required and a logging start time.

The EL-GFX family boasts over 250,000 readings per parameter, an on-screen display showing max, min and last log as well as an on-board graph of the data collected. Buttons allow the user to start, stop and restart the logger in the field and alarm breaches can be registered with both LED and audible alarms. The logger can be battery powered or used with a USB wall adapter.



EL-USB family of loggers





## EasyLog Cold Chain

Low-Cost Cold Chain Data Logging



Lascar's EL-CC family of loggers provides users with cost effective, multi-use loggers for all stages of the Cold Chain process. Pre-programmed with set sample rates and alarms for monitoring Chilled Goods, Frozen Goods and Ripening Goods, simply press an on-board button to start logging. Status LEDs indicate whether the unit is currently in logging mode, an alarm has been met during the session or the battery is low. Download data by inserting the logger into a PC or laptop USB port to view a graph of the logging session in CSV format, or generate a PDF using Lascar's free EL-CC software.

