

CSL-Series Logger

High Precision Multi-Use Loggers



Quick Start Guide



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We appreciate your purchase of our product. For a brisk introduction, please follow this Guide.

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-The CredoSense Team

Technical Specifications

Operating Temperature	: - 45 to 85°C
Dimension	: 55 x 47 x 20mm
Weight	: ~35g
Battery	: CR2450 (Li-ion, 3V)
Recording Capacity (data points)	: 38,221 (CSL-H2 P1 T0.2) 57,332 (CSL-H2 T0.2) 114,663 (CSL-SM2) 229,326 (CSL-T0.5)

Warranty

Our products carry a one-year warranty against defects in both components and workmanship. If this product should prove defective within the warranty period, it will be replaced or repaired free of charge. Details of liability are available at www.credosense.com.

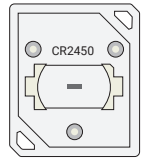
Basic Operation



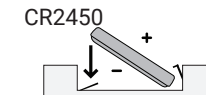
1 Installing Batteries

CSL-Series Loggers require a CR2450 lithium battery (included with purchase).

Note: due to international shipping restrictions of Lithium batteries, in some instances, batteries may not be included. In such cases, please purchase suitable batteries and follow the instructions below for installing or replacing batteries.



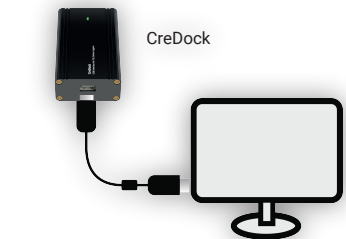
Press until you hear a clicking sound



2 Connecting to a Computer

2.1 Connecting the reader

You will require a CSL-Series Reader (CreDock) and associated CredoWare to program and download data from CSL-Series Loggers to a computer. A CreDock can be purchased separately. CredoWare to configure, download, and process data from CSL-Series Loggers is freely available at: <https://www.credosense.com>



Connection of CreDock with a computer

2 Connecting to a Computer

2.2 Connecting the Logger

Once the CreDock is connected to a computer, connect the Logger to the CreDock. Open CredoWare, wait until it shows the status as "Connected".

A connected Logger will show a blue notification LED.



Connecting the CSL-Series Logger to a CreDock

3 Configuring Loggers using CredoWare

CredoWare allows you to configure the Logger to suit your needs (e.g., setting the alarm and measurement intervals, etc.).

Once configured, press the "Disconnect" button in CredoWare. Please wait until it shows "Disconnected" in the status. The Blue LED of the Logger will turn off.

Note: Please Sync Time on first use

4 Start/Stop Logging

If the logging start/stop option is set at a specific time, the Logger will automatically start and stop logging at the specified time.

However, If the start/stop option is set to button press, long-press the button and release it when the Green LED lights up; the Logger enters into the logging mode.

To stop logging, long-press the button and release it when the Red LED lights up; the Logger is now in idle mode.

5 Powering the Logger with an external power source

CSL-Series Loggers are designed to run on external power given it has uninterrupted power for its clock. It will function normally if powered from an external source (5V DC) via the USB type C port (a USB type C to A cable is required). The power source can be any USB 5V power supply device such as a computer, a USB phone charger, or a power bank. CreDock can also act as an external power source when connected to a computer.

It is important to note that a CR2450 battery or a CR1025 is still required for timekeeping and so for the system's proper functioning, even if an external source powers it.

6 Reading logged data

Connect the Logger to the CreDock. Open CredoWare and wait for the status to be "Connected." Press the Read Logged Data button.



Note: No need for battery for reading data.

7 Guide to the button and notification LED

LED and button press:

A white LED lights up after inserting a battery, or a power source (using the type C port), indicating the Logger is powered up.

Single press the Logger button to check whether the logging is ON or OFF. A green light indicates logging is ON, whereas a red light indicates it's OFF.

Long press (>1.5s) to toggle logging ON or OFF. A subsequent green or red LED light will indicate logging is turned ON or OFF, respectively.

If the logging is set to start/stop at a specific time, "very long press," until you see a blinking LED, will ensure force toggle between logging ON and OFF. A subsequent green or red LED light will indicate logging is turned ON or OFF, respectively.

Alarm:

If the alarm is turned ON and thresholds are set during configuration, a red LED blinks every minute, indicating any of the measurement values are above the higher threshold. A blue LED indicates any of the readings is below the lower threshold limit. If the measured values are within the threshold, a green LED lights up every minute.

We spend the least on marketing so that you can buy at an affordable price. Please help spread the word.

Support



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