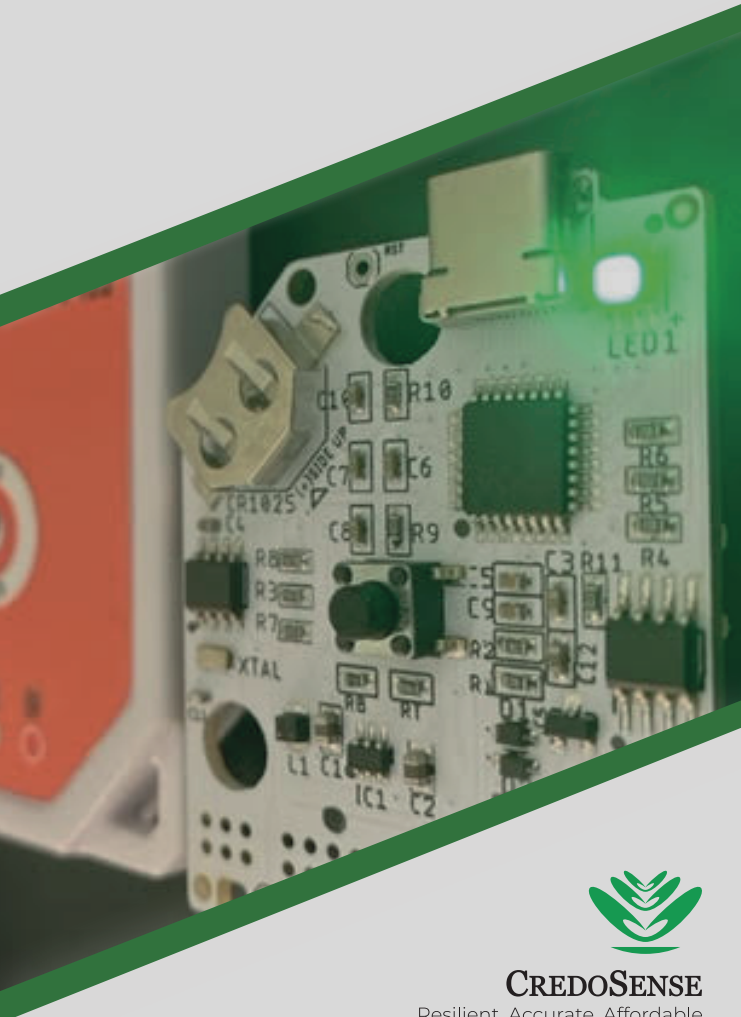


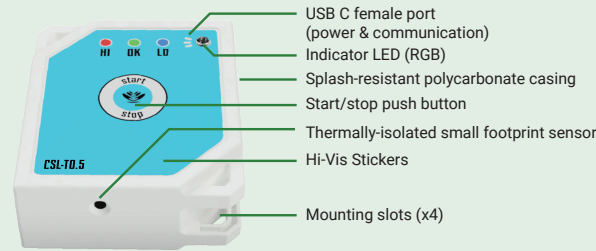
# CSL-SERIES LOGGERS



**CREDOSENSE**

Resilient, Accurate, Affordable

CredoSense uses innovative design and a unique hardware setup to offer fast, reliable, and highly accurate sensor-logger solutions at an extremely affordable price. Our systems are carefully calibrated and tested extensively in diverse environments under various stresses. Our products are manufactured with industry-grade materials suitable for both scientific and industrial applications. We guaranty the highest utility per precious dollar spent.



## CSL-T0.5

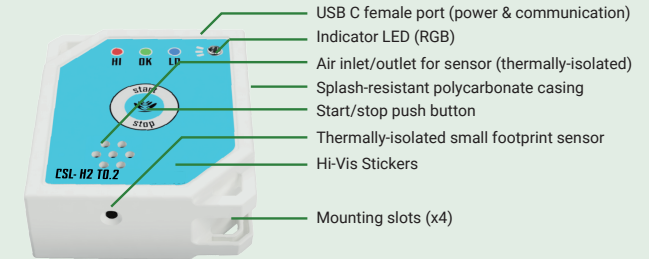
Temperature logger

### SPECIFICATION

- Temperature measurement (-45 to 85°C):  
Accuracy:  $\pm 0.1 - 0.5^\circ\text{C}$   
Resolution:  $0.03^\circ\text{C}$
- Battery: CR2450 (main) and CR1025 (clock)
- Dimensions: 20mm X 55mm X 47mm

### KEY FEATURES

- Stores > 200,000 data points
- Easily replaceable batteries for multiple smooth usage
- Long battery life: 19 months of operation (@ 5 min logging interval with alarm off)
- Fast responding sensor (low thermal time constant)
- Supports external power supply via the USB-C port
- Supports add-on Display Modules and offers Live Streaming of temperature values



## CSL-H2 T0.2

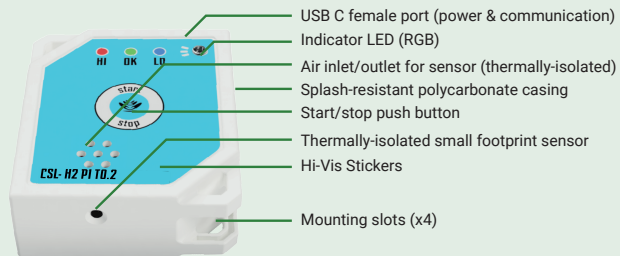
Relative humidity & temperature logger

### SPECIFICATION

- Rel. humidity measurement (0–100%):  
Accuracy:  $\pm 2\%$  typical and  $\pm 3\%$  minimum (non-condensing)  
Resolution  $0.01\%$  and repeatability  $\pm 0.1\%$
- Temperature measurement (-40 to 85°C):  
Accuracy:  $\pm 0.2^\circ\text{C}$  typical and  $\pm 0.4^\circ\text{C}$  minimum  
Resolution:  $0.01^\circ\text{C}$  and repeatability  $\pm 0.1^\circ\text{C}$
- Battery: CR2450 (main) and CR1025 (clock)
- Dimensions: 20mm X 55mm X 47mm

### KEY FEATURES

- Stores > 85,000 data points
- Easily replaceable batteries for multiple smooth usage
- Long battery life: 19 months of operation (@ 5 min logging interval with alarm off)
- Fast responding sensor (low thermal time constant)
- Supports external power supply via the USB-C port
- Supports add-on Display Modules and offers Live Streaming of measured values



## CSL-H2 P1 T0.2

Relative humidity, temperature, & barometric pressure logger

### SPECIFICATION

- Rel. humidity measurement (0–100%):  
Accuracy:  $\pm 2\%$  typical and  $\pm 3\%$  maximum (non-condensing)  
Resolution 0.01% and repeatability  $\pm 0.1\%$
- Temperature measurement (-40 to 85°C):  
Accuracy:  $\pm 0.2^\circ\text{C}$  typical and  $\pm 0.4^\circ\text{C}$  maximum  
Resolution: 0.01°C and repeatability  $\pm 0.1^\circ\text{C}$
- Barometric pressure measurement (300–1200 mbar):  
Accuracy:  $\pm 0.06$  mbar (relative)  
Resolution:  $\pm 0.002$  mbar
- Battery: CR2450 (main) and CR1025 (clock)
- Dimensions: 20mm X 55mm X 47mm

### KEY FEATURES

- Stores > 50,000 data points
- Easily replaceable batteries for multiple smooth usage
- Long battery life: 19 months of operation (@ 5 min logging interval with alarm off)
- Fast responding sensor (low thermal time constant)
- Supports external power supply via the USB-C port
- Supports add-on Display Modules and offers Live Streaming of measured values



## CreDock

Reader for CSL-Series Loggers

### SPECIFICATION

- Operating voltage: 5V DC
- Operating temperature: 0 to 85°C
- Communicates via the USB port of a computer
- Weight: 125g
- Dimensions: 20mm X 57mm X 93mm

### KEY FEATURES

- Allows very fast data download from CSL-Series Logger
- 6 seconds to download 10,000 data points
- Compatible with the latest version of PC, Mac, and Linux (via CredoWare)
- Allows Live Streaming of measured values from CSL-Series Loggers (via CredoWare)
- Allows single-page summary and plots of measured data for easy reporting and visualization
- Can be used along with the CredoWare to conveniently configure CSL-Series Loggers

We offer 5–10% discounts on all products on top of our already low price for educational institutions in developing countries, STEM education, young researchers, and small-scale farms. Contact [sales@credosense.ca](mailto:sales@credosense.ca) for pricing.

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**CredoSense Inc.**

Toronto, Ontario, Canada

[sales@credosense.ca](mailto:sales@credosense.ca)

+1-647-608-0367