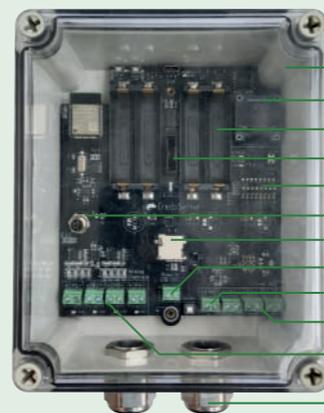
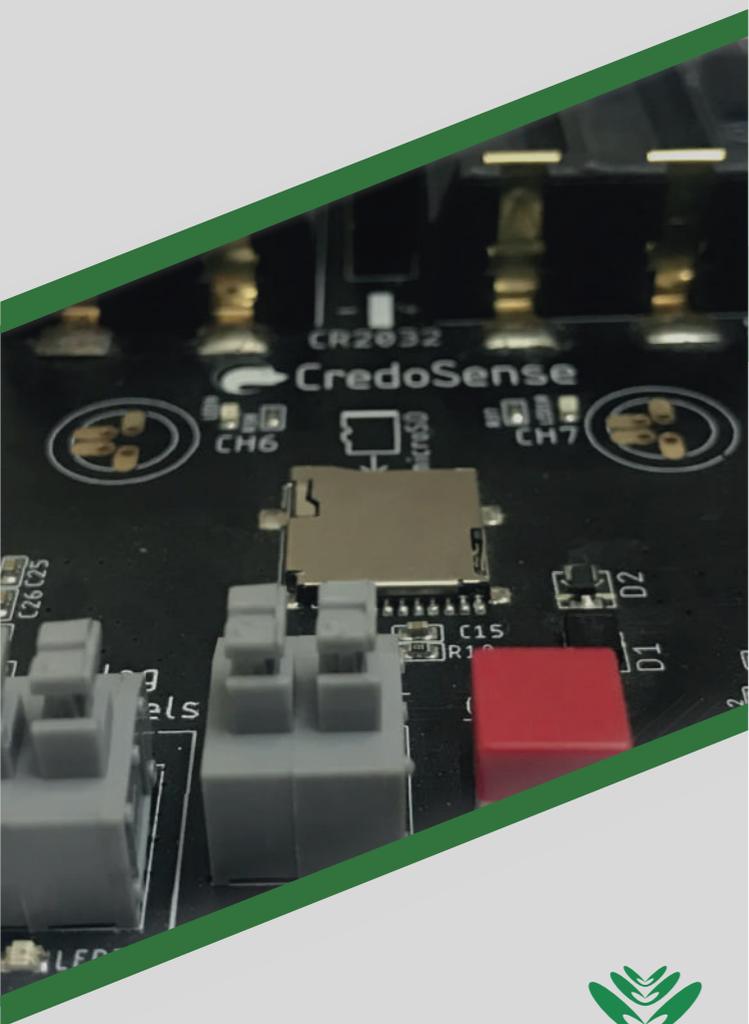


8 Channel Data Logger



- Waterproof (IP67), rugged and UV-resistant polycarbonate enclosure
- Display for status report
- AAx4 Battery
- CR2032 Battery for clock
- Channel selector switch
- Channel for CredoSense sensors (CSP Series)
- microSD card slot
- Power input 5–12V DC
- 5V power source for external sensors
- 3.3V power source for external sensors
- 4 x differential analog channels (0 to 5V)
- Cable gland

CS-DL824/CS-DL824C

8 Channel Data Logger/With Cloud Support

The CS-DL824 is a high-precision (24-bit ADC) and rugged data logger with hardware support for cloud upload (CS-DL824C) that offers highly affordable solutions to your outdoor environmental monitoring challenges. It uses very low power allowing you to use even in remote locations with (almost) zero maintenance. It can log eight CredoSense sensors or four CredoSense and four other analog sensors for wide array of application needs. CS-DL824/CS-DL824C can also be easily customized to suit your particular application to communicate with other sensors using SDI-12, I2C, SPI etc. communication protocols.

FIELD OF APPLICATION

The CS-DL824/CS-DL824C is designed for stand-alone applications in harsh, remote and indoor environments such as weather station, cold chain, greenhouse, and agriculture.

SPECIFICATION

- ❑ Channel: 8 (4 differential analog channels, 4 CredoSense sensors)
- ❑ Data storage capacity: 32 GB (maximum)
- ❑ Storage type: MicroSD Card
- ❑ Clock Accuracy: ±2min per year
- ❑ Power requirement: 5–12V DC
- ❑ Maximum sampling rate: 1sec
- ❑ Operating temperature: -40°C to +85°C
- ❑ Supports sensor cable length up to 100m

KEY FEATURES

- ❑ Robust & fault-tolerant CAN-BUS communication for long-range wired communication
- ❑ Can be easily customized to support a wide range of sensor communication protocols.
- ❑ Cloud support without yearly fees.
- ❑ No need to program—very easy to set up and use.
- ❑ Flexible power and communication options make it ideal for several applications.
- ❑ Battery-backed clock ensures accurate time keeping while data logger is disconnected from power
- ❑ A 128x64 display (removable to save power) shows current status of the logger

We offer up to 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 for pricing.

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

Interested in trying CS-DL824/CS-DL824C ?

Please email: sales@credosense.ca



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 guarantee the highest utility per precious dollar spent.

CredoSense Inc.

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