

## InTemp<sup>®</sup> CX501 Data Logger

### Bluetooth Low Energy 15 Day Single-Use Temperature

The InTemp CX501 Bluetooth<sup>®</sup> Low Energy data logger is a single-use logger that records temperature data for up to 15 days. Designed for Cold Chain and CRT shipments, the CX501 is ideal for parcel shipments, clinical trials, and expedited risk pharmaceutical shipments.

Using the InTemp app on your mobile device, you can easily configure the CX501 with one of multiple preset configurations, or set up a custom configuration. The logger has a built-in alarm to alert you to excursions. And logger reports can be quickly downloaded to your phone or tablet and uploaded to an InTempConnect<sup>®</sup> account, where you can analyze and export data as needed.

With the optional CX Gateway, you can get remote notifications of temperature excursions and automatically download data from loggers within range of the device. Learn more about the CX Gateway here.

A 3-Point Certificate of Calibration, valid for one year from date of purchase, provides assurance that the data can be trusted when making important product-disposition decisions.


#### Key Advantages:

- Integrates with mobile and cloud platforms for a 21CFR Part 11 compliant solution
- Enables fast, remote data transfer; ideal for clinical logistics
- Eliminates need to open sealed containers to retrieve data
- Real-time alerts and automatic data downloads with optional CX Gateway device
- Shortens logger-handling times; no PC or cables required
- Ensures secure data via encrypted technology
- Meets GDP requirements for NIST traceable calibration



## InTemp CX501 Data Logger Specifications

### Logger

<b>Logger Operating Range</b>	-10° to 70°C (-14° to 158°F)
<b>Radio Power</b>	1 mW (0 dBm)
<b>Transmission Range</b>	Approximately 30.5 m (100 ft) line-of-sight
<b>Wireless Data Standard</b>	Bluetooth Low Energy (Bluetooth Smart)
<b>Logging Rate</b>	1 second to 18 hours
<b>Battery</b>	CR2032 (CX501) or CR2450 (CX502 and CX503) 3V lithium, not replaceable. Battery for CX501 and CX502 lasts for duration specified when logger is used within the 1-year shelf life. Battery life for the CX503 model is 1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the InTemp app, excessive downloads, and paging may impact battery life.
<b>Type</b>	Single Use
<b>Duration</b>	15 Days
<b>Shelf Life</b>	Up to 1 year
<b>Memory</b>	8,800 measurements
<b>Full Memory Download Time</b>	Approximately 30 seconds; may take longer the farther the device is from the logger
<b>Dimensions</b>	6.9 x 4.5 x 1.1 cm (2.71 x 1.76 x 0.42 inches)
<b>Weight</b>	22.1 g (0.78 oz)
<b>Environmental Rating</b>	IP67
	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

### Temperature Sensor

<b>Sensor Range</b>	-10° to 70°C (14° to 158°F)
<b>Accuracy</b>	±1.0°C from -10° to -5°C (±1.8°F from 14° to 23°F) ±0.5°C from -5° to 50°C (±0.9°F from 23° to 122°F) ±1.0°C from 50° to 70°C (±1.8°F from 122° to 158°F)
<b>Resolution</b>	0.04°C (0.072°F)

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- ▶ Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- ▶ Call 1-508-759-9500
- ▶ In U.S. toll free 1-800-564-4377
- ▶ Fax 1-508-759-9100

Technical Support (8am to 6pm ET, Monday through Friday)

- ▶ Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- ▶ Call 1-508-759-9500
- ▶ In U.S. toll free 1-877-564-4377

Onset Computer Corporation  
470 MacArthur Boulevard  
Bourne, MA 02532