

## InTemp<sup>®</sup> CX403

### InTemp Bluetooth Low Energy Ambient Temperature (CX403)

The InTemp<sup>®</sup> CX403 data logger features an internal sensor for monitoring ambient temperature. The logger communicates wirelessly via Bluetooth Low Energy to mobile devices. The CX403 features a built-in LCD display to view ambient temperature, advanced audible and visual alarm capabilities for notification of temperature excursions, and a NIST Certification of Calibration.

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](#).

#### Supported Measurements:

Temperature



## InTemp CX403 Specifications

### Logger

<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>Logger Operating Range</b>	-30° to 70°C (-22° to 158°F), 0 to 95% RH (non-condensing)
<b>Logging Rate</b>	1 second to 18 hours
<b>Time Accuracy</b>	±1 minute per month at 25°C (77°F)
<b>Battery Type</b>	Two AAA 1.5 V alkaline or lithium batteries, user replaceable
<b>Battery Life</b>	1 year, typical with logging interval of 1 minute. Faster logging intervals, remaining connected with the InTemp app, excessive report generation, numerous audible alarms, and paging all impact battery life.
<b>Memory</b>	128 KB (84,650 measurements, maximum)
<b>Full Memory Download Time</b>	Approximately 60 seconds; may take longer the farther the device is from the logger
<b>LCD</b>	LCD is visible from 0° to 50°C (32° to 122°F); the LCD may react slowly or go blank in temperatures outside this range
<b>Dimensions</b>	9.4 x 4.5 x 2.59 cm (3.7 x 1.77 x 1.02 inches)
<b>Weight</b>	90.2 g (3.18 oz)
<b>Environmental Rating</b>	IP54
<b>CE</b>	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

### Ambient Temperature Sensor

<b>Range</b>	-30° to 70°C (-22° to 158°F)
<b>Accuracy</b>	±0.5°C from -15° to 70°C (±0.9°F from 5° to 158°F) ±1.0°C from -30° to -15°C (±1.8°F from -22° to 5°F)
<b>Resolution</b>	0.024°C at 25°C (0.04°F at 77°F)
<b>Drift</b>	<0.1°C (0.18°F) per year
<b>Response Time</b>	15 minutes typical to 90% in air moving 1 m/s

## 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 8pm 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