



# InTemp® CX403 Data Logger

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

The InTemp® 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.



### Key Advantages:

- Integrates with mobile and cloud platforms for a 21 CFR Part 11 compliant solution
- Easy-to-read display with current and daily min/max temperatures
- Bluetooth transmission of data and alarm states
- Logger setup and download of data in seconds – without a PC or cable
- Real-time alerts and automatic data downloads with optional CX Gateway device
- +/- 0.5C accuracy for reliable temperature readings
- Battery-powered to guard against local power loss



## InTemp CX403 Data Logger 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>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>NIST Calibration</b>	Single point NIST calibration

