

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.



Supported Measurements:

Temperature

Key Advantages:

- 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

Radio Power 1 mW (0 dBm)

Transmission Range Approximately 30.5 m (100 ft) line-of-sight

Wireless Data Standard Bluetooth Low Energy (Bluetooth Smart)

Logger Operating Range -30° to 70°C (-22° to 158°F), 0 to 95% RH (non-condensing)

Logging Rate 1 second to 18 hours

Battery Type Two AAA 1.5 V alkaline or lithium batteries, user replaceable

Battery Life 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.

Memory 128 KB (84,650 measurements, maximum)

Full Memory Download Time Approximately 60 seconds; may take longer the farther the device is from the logger

LCD 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

Dimensions 9.4 x 4.5 x 2.59 cm (3.7 x 1.77 x 1.02 inches)

Weight 90.2 g (3.18 oz)

Environmental Rating IP54



The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).

Ambient Temperature Sensor

Range -30° to 70°C (-22° to 158°F)

Accuracy ±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)

Resolution 0.024°C at 25°C (0.04°F at 77°F)



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