



InTemp CX403 Bluetooth Ambient Temperature Data Logger (Internal Sensor)

Product Images



Short Description

The InTemp CX403 data logger features an internal sensor for monitoring ambient temperature. The data logger communicates wirelessly via Bluetooth Low Energy (BLE) to mobile devices.

Description

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 device](#), you can get remote alert notifications of temperature excursions and

automatically download data from loggers within range of the device.

Key Features

- Easy-to-read display with current and daily min/max temperatures
- Audible and visual alarms
- Bluetooth transmission of data and alarm states
- Logger setup and download of data in seconds – without a PC or cable
- +/- 0.5C accuracy for reliable temperature readings
- Battery-powered to guard against local power loss
- Optional ISO 17025 compliant calibration service (NIST included).

Additional Information

Country of Manufacture	United States
Explanation	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 Time Accuracy ±1 minute per month at 25°C (77°F) 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 CE 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) Drift <0.1°C (0.18°F) per year Response Time 15 minutes typical to 90% in air moving 1 m/s
Ideal For	Professional
Brand	Onset InTemp
Maximum Temperature	70°C / 158°F
Tolerance	±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)
Battery type	2 x AAA (included)
Channel(s)	1
Typical applications	Cold Chain, Life Sciences, Pharmaceutical, Vaccine Storage
Measurements	Temperature

Additional Options

Optional Remote Cloud-based Access to Your Data

InTemp CX Internet Gateway (SKU: CX5000)

CX Gateway Service Plan Subscription - required with CX Internet Gateway

CX Gateway Service Plan Subscription (1 Year)