






InTemp[®] CX450 Data Logger

InTemp Temp/Relative Humidity Data Logger (CX450)



InTemp CX450 Data Logger Specifications

Logger

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|--|---|
| 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 | 178 KB (51,700 temp & RH paired measurements) |
| 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 5.6 x 2.59 cm (3.7 x 2.21 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). |
| Compliance marks |   |

Temperature Sensor

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|------------------|--|
| Range | -30° to 70°C (-22° to 158°F) |
| Accuracy | ±0.5°C from -30° to 70°C (±0.9°F from -22° to 158°F) |
| Resolution | 0.024°C at 25°C (0.04°F at 77°F) |
| NIST Calibration | Two-point NIST calibration included |

RH Sensor

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|------------|---|
| Range | 0 to 95% (non-condensing) |
| Accuracy | ±3% from 0% to 90% and ±3.5% from greater than 90% typical at 25°C (77°F) |
| Resolution | 0.01% |

Contact Us

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

- ▶ Email 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
- ▶ Call 1-508-759-9500
- ▶ In U.S. toll free 1-877-564-4377

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532