



InTemp Bluetooth Low Energy Temperature (with Probe) Data Logger

Part #CX402-T4M

Measurements: Temperature
Software: InTemp App and InTempConnect

Overview

Data logger InTemp® CX402-TXM (dengan Probe) memantau suhu di kulkas, freezer dan lingkungan yang dikendalikan suhu lainnya untuk dikompilasi dengan PDB global. Berkomunikasi tanpa kabel melalui Bluetooth Low Energy ke perangkat mobile. Dengan menggunakan aplikasi InTemp, Anda dapat dengan mudah melihat data, memeriksa status logger, mengatur alarm, dan membuat laporan PDF untuk pelaporan yang efisien. Semua logger menampilkan layar LCD built-in untuk melihat suhu min dan max saat itu dan juga harian, kemampuan alarm yang mudah terdengar dan visual yang canggih untuk pemberitahuan suhu, sensor internal untuk pemantauan suhu sekitar, Sertifikasi Kalibrasi NIST untuk logger dan probe.

Tersedia dengan model probe suhu 2 atau 4 meter eksternal untuk mencari suhu kulkas aktual tanpa penyangga glikol atau freezer.

Highlighted Features

- Tampilan yang mudah dibaca dengan suhu min / max sebenarnya serta suhu harian
- Alarm audible dan visual
- Transmisi Bluetooth data dan status alarm
- Setup dan download data logger dalam hitungan detik - tanpa PC atau kabel
- +/- 0.5C akurasi pembacaan suhu yang dapat diandalkan
- Baterai bertenaaga untuk mencegah kehilangan daya lokal
- Sertifikat Kalibrasi NIST

Preview



Spesifikasi

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).

External Temperature Probe

Range: -40° to 100°C (-40° to 212°F)

Accuracy:

±0.5°C from -15° to 80°C (±0.9°F from 5° to 176°F)

±1.0°C from -40° to -15°C (±1.8°F from -40° to 5°F)

±0.7°C from 80° to 100°C (±1.3°F from 176° to 212°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:

With 5 mL bottle: 10 minutes typical to 90% in air moving 1 m/s

With 15 mL bottle: 20 minutes typical to 90% in air moving 1 m/s

With 30 mL bottle: 25 minutes typical to 90% in air moving 1 m/s

Cable Length: 2 or 4 meter (6.56 or 13.12 feet) flat ribbon cable

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