Temperature Data Logger

With Smartphone Communication Via NFC

THERMCO PRODUCTS, INC

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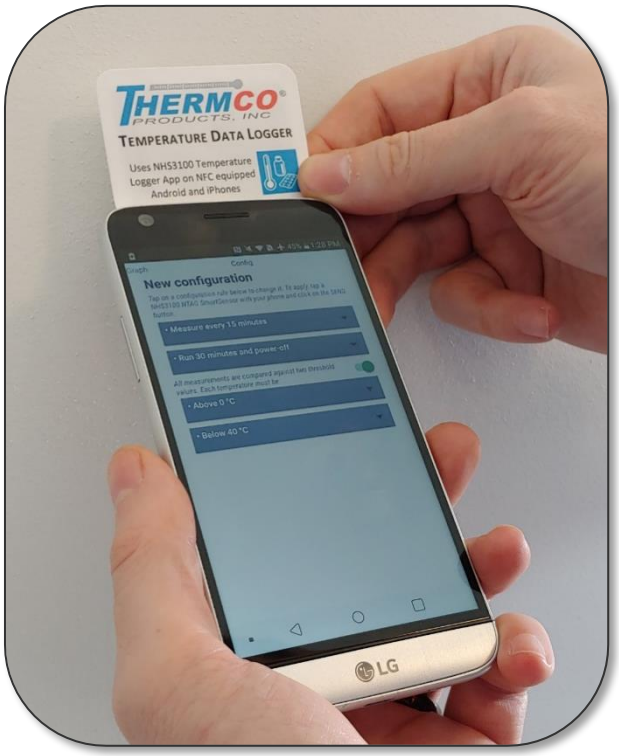
TEMPERATURE DATA LOGGER

Uses NHS3100 Temperature Logger App on NFC equipped Android and iPhones

Shown at Actual Size

2.375" x 1.625" x 0.04"

60mm x 41mm x 1mm



Thermco Temperature Data Logger

labels provide high accuracy temperature data in a small, ultra-thin form factor and communicate wirelessly with NFC enabled smartphones. Extensive user programmability allows customization to meet a wide range of application needs. Unique product identification numbers provide individual device traceability.

Features

Operating Range	-35°C to +50°C
Temperature Accuracy (Typical)	±0.3°C between 0°C and 40°C ±0.5°C between -25°C and 50°C
Data Storage	22,000 temperature readings
Sample Rate	User programmable (5 seconds to 120 minutes)
Alarm Temperature Limits	User programmable Low and High limits
Recording Life	30 days (depending on sample rate)
Use / Shelf Life	15 months
Communication	NFC (Near-Field Communication) RFID ISO 14443 type A interface
Size	2.375" x 1.625" x 0.04" 60mm x 41mm x 1mm
Smartphone Support	Android and iPhone with App *NXP NHS3100 Temperature Logger*
Export data to other applications	Yes
Unique Serial Number for Identification	Yes
Customization	Label Marking and App branding

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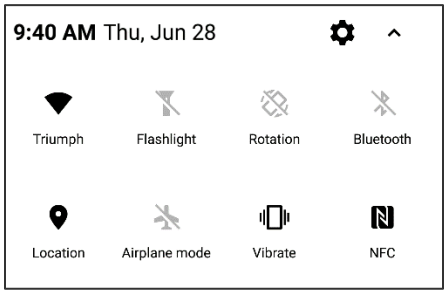
NFC Communication Via Smartphone

Download the App

NXP NHS3100 Temperature Logger App for Android and iPhone

iPhone 7 and Above: NFC is automatically enabled

Android: Enable NFC on your Smartphone



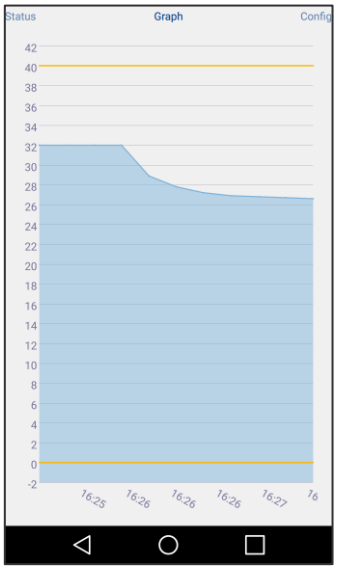
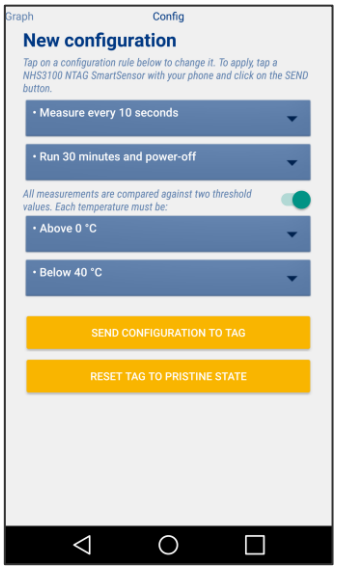
Note: Not all smartphones support NFC

Open the App

Scan the Thermco Temp Datalogger

The sweet spot for NFC communication is a function of the location of the NFC antenna on your smartphone. Typically, the antennas are either at the top of the phone or near the middle back. If your phone has a case, it may need to be removed for NFC communication.

Swipe Left to access other app functions including: live temp measurements, view data graphs on enabled data loggers, download data, and configure or reset data loggers.



Configure and Reset the Data Loggers