GO NFC Logger

Time and temperature data read with a mobile device

Versatile temperature recorder

GO NFC Loggers monitor time and temperature of perishable products during distribution and storage. Loggers are flat and transfer data via short-range, near field communications (NFC) using phones and tablets. Logger data is immediately available via mobile application or using the GO NFC Pad Reader. In addition, GO NFC Loggers leverage the capabilities of Android and iOS phones and eliminate the need for proprietary readers. Data is easily sent to any email address via the mobile application.

GO NFC Loggers use an innovative temperature sensor that enables them to take a surface read of the object to which they are attached. This provides a closer approximation of actual product temperature versus the general ambient readings provided by bulkier recorders. Loggers sample temperature every minute for highly accurate temperature sensing, are encased in waterproof packaging and each logger is NIST traceable. Because of the unique physical characteristics of the sensor, ongoing calibration is not required to maintain accuracy. All loggers are manufactured in ISO-9001 registered facilities.

Cloud-based access

Customers who are interested in maintaining 24/7 historical records can subscribe to cloud upload capabilities where data can be accessed whenever needed.
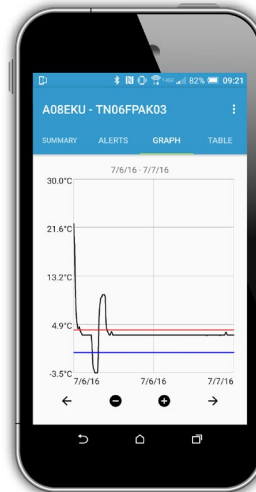

- Quick data downloads via mobile app or pad reader
- Leverages NFC-enabled mobile devices - Android / iOS compatible
- Cloud access available
- Quickly send data to any email address
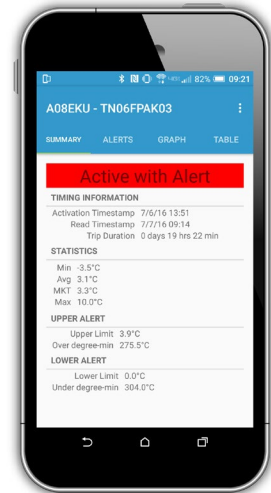- Accurate temperature measurements

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Technical specifications

Alarm configurations	Upper/lower/both/none
Alarm indicators	LEDs indicate temp over/under/OK
Calibration	Silicon based sensor is calibrated at the time of manufacture by Texas Instruments; NIST certificate of traceability available
Certifications	FCC, CE, RCM, China RoHS, WEEE
In-use life	Up to 90 days
IP rating	IP67
Memory	1922 hard data points NIST
Traceable	Yes
Operating environment	-25°C to 60°C (-13°F to 140°F)
Read range	Up to 2″ (5.08 cm
Reading	GO NFC Pad Reader
Redundancy	Recycle Options:
Recycle options	GO GreenSense™
Program shelf life	15 months
Size	2.4 in x 3.4 in (61 mm x 81 mm)
Start delay	Standard 30 minutes, customizable
Supported readers	Android™ 4.1/ iPhone® 7 or newer with the NFC app, NFC-enabled tablets, NFC Pad Reader with software Mac and Windows compatible
Temperature accuracy	±0.5°C typical between -25°C to 60°C (-13°F to 140°F)
Temperature resolution	±0.5°C typical between -25°C to 60°C (-13°F to 140°F)
Temperature sampling frequency	One minute, 5 minute average record
Temperature units	°F and/or °C
Weight	14.2 g (0.5 oz)

Download the GO NFC Mobile app

Graph of data

Data summary

GO NFC Pad Reader

GO NFC Reader Software
To download software, go to **copeland.com/GONFC**

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To learn more visit **copeland.com/cargo**

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