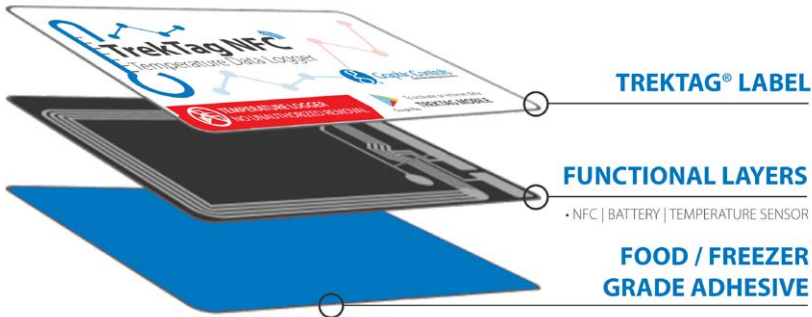


## TREKTAG® NFC SPECIFICATIONS



TrekTag® NFC is a temperature data logger designed to accurately record temperature data over time. This data can be used to indicate if a product has remained in the desired temperature range during storage or transport. Data can be reviewed from TrekTag® Mobile Application and be sent to TrekTag® Analytics “cloud” for further analysis.

### PHYSICAL CHARACTERISTICS

3.5" x 2.25" x .125" (L x W x Thickness)

*About the size of a credit card*

### HARDWARE / SOFTWARE

**Hardware Required:** NFC-enabled Android device with version 4.4 or higher

**Software Required:** TrekTag Mobile

*Download the free app from the Google Play store*

### TREKTAG® MOBILE APPLICATION

- Activate / Deactivate Logger
- Set Temperature Thresholds
- Select Recording Intervals
- View Temperature Data in Chart
- Automatically sends data to TrekTag® Analytics “the cloud”
- Email or export data via Excel / PDF

### WIRELESS COMMUNICATIONS

Near Field Communication

- **Operating Frequency:** 13.56MHz / ISO 15693  
NFC-V Compliant

### TEMPERATURE RANGE / ACCURACY

**Temperature Measuring Range:**

-20°C to 50°C (-4°F to 122°F)

**Resolution:** 0.01°C / F

**Accuracy:** ±0.5°C Typical ±1.5°C Max

### DATA LOGGING

**Recording Interval:**

Fully customizable with 1 second resolution

**Memory Capacity:** 800 data points Max

**Data Storage:** EEPROM (non-volatile)

**Real-Time Clock:** ±3% Typical Accuracy over operating range of device

### POWER SUPPLY

Carbon-Zinc battery 1.5V DC  
(non-replaceable)

RoHS certified, REACH Compliant, EU Battery Directive Compliant, Germany BattG Registered.

**Storage Life (Passive Mode):** ≈2 years at 0°C

**Operation Life:** up to 1 year

### ADHESIVE

Food / Freezer Grade

Compliant to US FDA 21 CFR 175.105

ECC 88/378/EEC, CEN EN71, Part 3