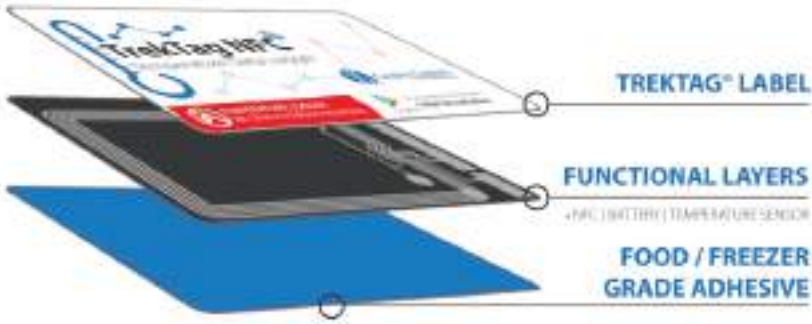




## TREKTAG® NFC SPECIFICATIONS



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

