

# Track-It™ RFID Data Loggers with Android App



## Description

Track-It™ RFID Data Loggers are battery powered stand alone compact devices that record from 22.5 hours to 337.5 days of temperature or temperature and humidity data. The wireless RFID technology makes it ideally suited for use in supply chain monitoring applications. The compact water resistant (IP65) enclosure contains an RFID antenna which allows the unit to be configured and data transferred wirelessly. These loggers can be affixed to the inside of a shipping carton and scanned without opening the carton. This gives full access to data without sacrificing the integrity of your package contents. Use an Android device with Near Field Communication and the free Track-It™ Android application to quickly scan a package to determine if there are any alarms. If alarms are present, the data can be quickly downloaded and viewed on your Android device or you can choose to email it directly from your device for immediate review at another location. Data can also be downloaded and reviewed using the optional RFID docking station and free Windows

WIRELESS



based Track-It™ Software. Purchase an optional high temperature battery to extend the temperature range from 60°C (140°F) to 80°C (176°F). The highly reliable design and excellent performance at a reasonable price make this indispensable in many applications.

## Typical Uses

- Supply Chain Monitoring/Validation
- Warehouse/Storage
- Food/Drugs
- MKT/Dew Point
- Hospitals/Pharmacies
- HVAC/Building Monitoring
- Laboratories/Research
- Refrigeration/Heating
- HACCP Monitoring
- Agriculture
- Computer/Communications Rooms
- Perishables
- Health Care/Safety
- Environmental Conditions
- Weather Monitoring
- Indoor Climate

Additional Track-It™ models...



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## Specifications

### General

<b>Record:</b>	<b>Sample Rates:</b> User configured 10 seconds, 30 seconds, 1, 2, 5, 10, 15, 20, 30, 45, 60 minutes. (22hrs: 30min to 337.5 days) <b>No. of Samples:</b> 4000 or 8000 (depends on setup)
<b>Record Trigger:</b>	Start "Now", button press, or start after xxx hours: xx minutes
<b>Record Mode:</b>	Instantaneous, max, min, average
<b>LED:</b>	User programmable: Indication of alarms, recording, triggered
<b>Button:</b>	Record Start/Stop, Logger Status
<b>Alarms:</b>	2 or 4 user programmable high and low alarms.
<b>Communication:</b>	Passive RFID (wireless)
<b>Software:</b>	<b>Track-It™ Software</b> - Set up device, view data in tabular or graphic formats, summarize, show alarms, calculate MKT and Dew Point, export to Excel™. <b>Android App</b> - Set up device, quick summary, view data in tabular or graphic format, show alarms.
<b>Battery:</b>	<b>Included Coin Cell:</b> Lithium CR2032 60°C Max, 1 year life <b>Optional Coin Cell:</b> Lithium BR2032 80°C Max, 6 month life
<b>Dimensions</b>	2.00" (50.80mm)L x 1.32" (33.53mm)W x 0.50" (12.70mm)H

### Measurement

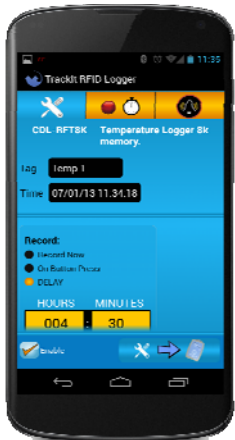
<b>Temperature Range:</b> (All models)		-20 to +60°C/-4 to 140°F w/CR2032 battery (1 year battery replacement suggested) -20 to +80°C/-4 to 176°F w/BR2032 battery (1/2 year battery replacement suggested)
<b>RFID Temp</b>	Accuracy:	±5°C typical, ±2°C Max over entire range
	Resolution:	0.5°C/1.0°F
<b>RFID TempRHS</b>		
<b>Temp:</b>	Accuracy:	0.5°C/1.0F typical
	Resolution:	0.5°C/1.0F
<b>RH:</b>	Accuracy:	±2% typical, ±3% max (20-80% RH) ±5% max (0-100% RH)
	Resolution:	0.5% RH

### Ordering Information

Model Number	Description	Part No.
RFID Temp	RFID Temp Logger	5396-2010
RFID TempRHS	RFID Temp/RH Logger	5396-2012
RFID NIST	Logger w/ NIST Calibration Cert	5396-20xx-CAL
RFID Interface Box	RFID Logger to PC Interface Box	5396-9920
Hi Temp Battery	BR2032Coin Cell battery for 80°C	5396-9921

### Track-It™ Android App\*

The Android application for *Track-It™* RFID Data Loggers brings wireless technology and the power and convenience of your Android device to the forefront. Simply place the Track-It™ RFID data logger near the NFC antenna location on your device to establish communication for configuring the logger or downloading data. The Track-It RFID data logger application allows you to quickly scan for alarms to determine if a package was exposed to unacceptable levels. Data can then be downloaded to your device for review. Data can also be reviewed on the free Track-It™ Software for Windows.



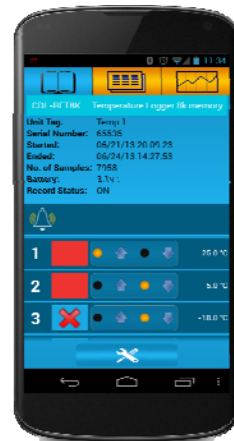
Record Setup



Selectable record rate



Graphic Review



Quick Scan Review



Data Summary/table

\*Requires Android device with NFC capability. Click links to view current models:

[http://en.wikipedia.org/wiki/List\\_of\\_NFC-enabled\\_mobile\\_devices](http://en.wikipedia.org/wiki/List_of_NFC-enabled_mobile_devices)  
<http://www.nfcworld.com/nfc-phones-list/>

