healthmark
INDUSTRIES CO.
health care products
800-521-6224
www.hmark.com

Instructions for Use: Digital Temperature & Humidity Datalogger

Brand Name of Product	Digital Temperature & Humidity Datalogger
Generic Name of Product	Digital Temperature & Humidity Datalogger
Product Code Number(s)	TEMP-DL-TH
Intended Use	Time, temperature with humidity traceability during transport of temperature/humidity-sensitive items.
Range of Applications for Product	
Key specifications of Product	● Very thin and small credit card sized packaging. ● Compatible with Android phones with NFC chips.

Shipping & Storage	
Shipping Conditions & Requirements	
Storage Conditions	
Packaging Conditions	
Shelf Life	

Instructions for Using Product	
Description of Use (s)	To track temperature and humidity.
Preparation for Use	● When you purchase a Temp-DL-TH NFC temperature data logger from Healthmark, your Temp-DL-TH Dashboard account will be setup with administrator rights for your organization by contacting Healthmark at 800-521-6224 Ext. 6634 or email sroehm@hmark.com, 800-521-6224 Ext. 6722 or email sdyrda@hmark.com to set up the organization and the first admin/user. ● Go to: https://console.tempdlth.com. in the Login Panel, your login will always be your email address and a default password of Temp-DL-TH123. TEMP-DL-TH Console **healthmark** Menu Login Login Panel Username: Password: Login version: 1.50 ● As an administrator, you can assign other Temp-DL-TH Dashboard users for your company or user rights by clicking on the Users menu in the left menu panel on the main screen. This is where you will change your own password. ● The administrator can change the password by clicking on Users in the left panel. ● Click on the user's email address and change the password and click update to save. **Fig. 1**
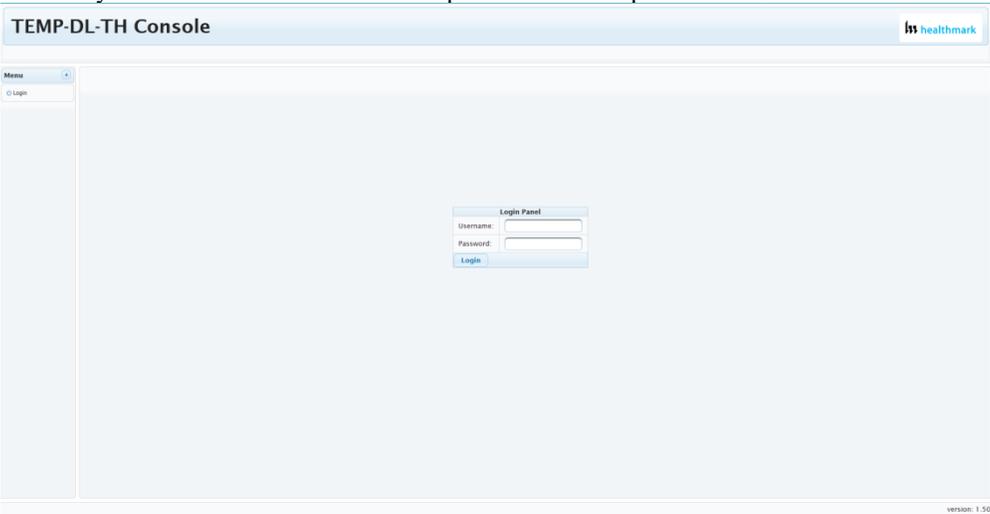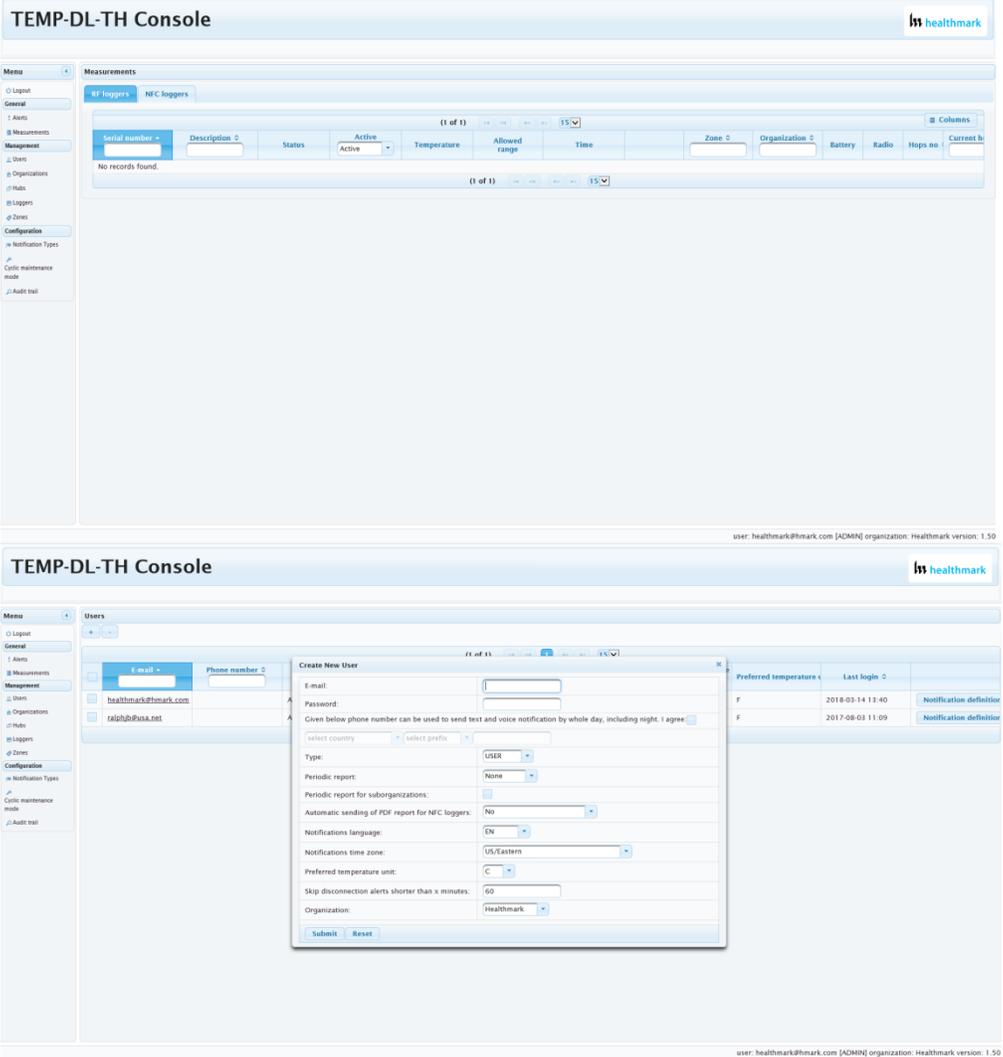
Figure 1

- If you change your password in Temp-DL-TH Dashboard, remember to change it in Temp-DL-TH NFC.

Setup Temp-DL-TH Console Connection
If you are using Android NFC Smartphone or Tablet

1. Tap on the Apps icon, tap on the Play Store app.
2. At the top of the page where it says 'Google Play' on your Android NFC enabled smartphone or tablet, type in "healthmark".
3. Scroll down the list of apps to 'TEMP-DL-TH app and tap to download app onto the smartphone or tablet.
4. After the installation is complete, the TEMP-DL-TH app will appear on the phone or tablet screen.

- Tap the Temp-DL-TH NFC logger with your smartphone or tablet to open up the App. **(Fig.1)** Place your smartphone next to the datalogger.
- Tap on the ⋮ icon (top right corner) to select the WiFi Settings menu. **(Fig. 2.)**
- Tap on ⋮ icon and select settings in the menu. **(Fig. 3.)**
- Enter your Temp-DL-TH Dashboard login email address and password. **(Fig. 4.)**

Diagrams (drawings, pictures)	
	TEMP-DL-TH Mobile version 1.1.1 (12) **healthmark** powered by Healthmark Place your smartphone next to the datalogger **Figure 1**

Figure 2
Recording details
Logger info
Restart recording

Figure 3
Scan History
Settings
WiFi settings
Recover AAR
GPS status
Recording details
Logger info
Restart recording

Figure 4
Parameters
Territory settings
Language
English
Temperature unit
°C
Cloud
Server address
https://console.tempdlth.com
User name
healthmark@hmark.com
Password
******
BluConsole zone name
Auto upload
no set

Steps for Use of Product	**Using and reading a Temp-DL-TH NFC Temperature Data Logger**
	• When logger is profiled for a manual start, hold the Push button down for 5 seconds to start the logger. The Green LCD will flash indicating recording is active.

1.   Green flashing LED means recording is active and no temperature breaches.
2. The Red Flashing LED means temperature breach detected (recording could still be active).

Programming the NFC Temperature Data Logger with a NFC Mobile Device
1. Bring mobile NFC device to Temp-DL-TH NFC logger about 1" away. When Temp-DL-TH "Temp" start screen shows, move mobile device away and bring back to mobile device. **(Fig. 1)**
2. Make sure Temp-DL-TH NFC mobile App is set-up with your Temp-DL-TH Dashboard login and preferences are set in the App Settings screen. **(Fig. 2.)**
3. Tap the Start New Recording button. **(Fig. 3)**
4. Choose Profile (Default, Basic or Your Custom) See instructions herein on building custom profiles. **(Fig. 4.)**
5. Tap on the Start New Recording button and place mobile device near Temp-DL-TH NFC logger. **(Fig. 5)** Note: The camera icon to the right gives the user the option to take a picture of the product(s) and TAG ID instead of typing it into the designated space.
6. Temp-DL-TH NFC logger has been programmed. To program another one, tap on the Restart Recording button. **(Fig. 6)**

Figure 1
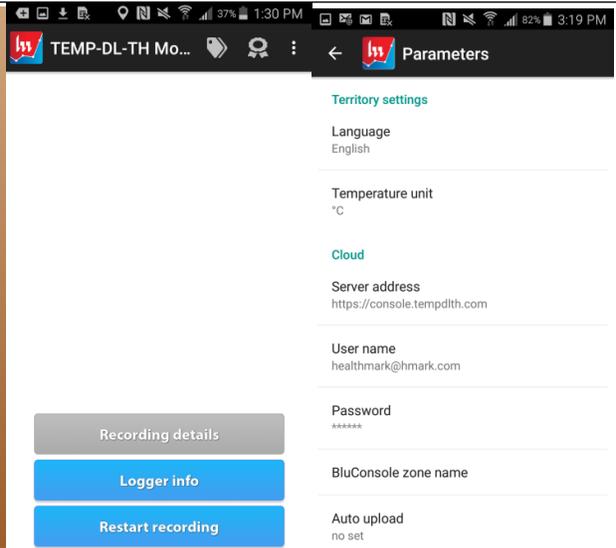
Figure 2
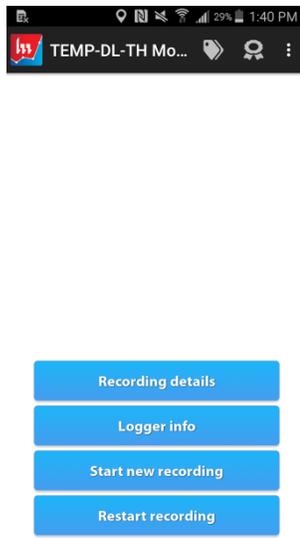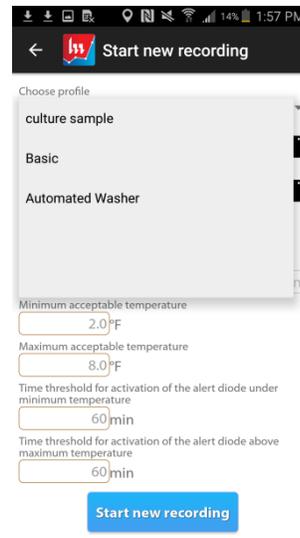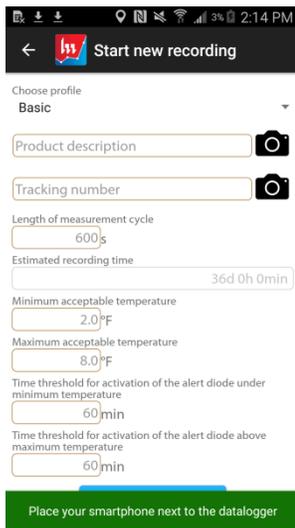
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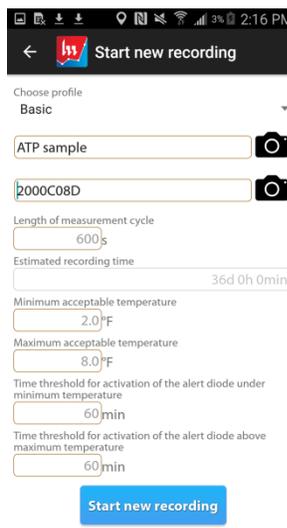
Figure 4

Figure 5

Figure 6

Reading a NFC Temperature Data Logger with a NFC Mobile Device

1. Bring the mobile NFC device to the Temp-DL-TH NFC logger about 1" away. When Temp-DL-TH "Temp" start screen shows, move mobile device away and bring back to mobile device. **(Fig. 1)**

2. Make sure Temp-DL-TH NFC mobile App is setup with your Temp-DL-TH Dashboard login and preferences are set in the App Settings screen. **(Fig. 2)**

3. If Auto PDF Report Download is not set, you will be prompted if you want to download the temperature PDF report to your mobile device. **(Fig. 3)**

- Log onto console.tempdlth.com.
- In the measurement screen, click on the chart button.
- In the strip chart screen, set the date and time range and click on the PDF button.
- The PDF temperature report is instantly created.

4. To view recording details, tap on the Recording Details button. **(Fig. 4)**

5. To view the temperature chart, tap on the Temperature Graph button or see other functions. **(Fig. 5)**

6. View temperature chart, download PDF report, or upload data to Temp-DL-TH Dashboard on the cloud. **(Fig. 6)**
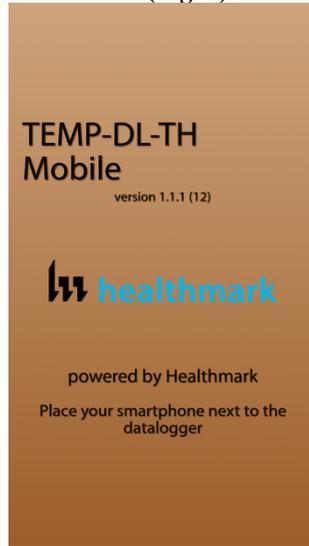
Figure 1   **Figure 2**
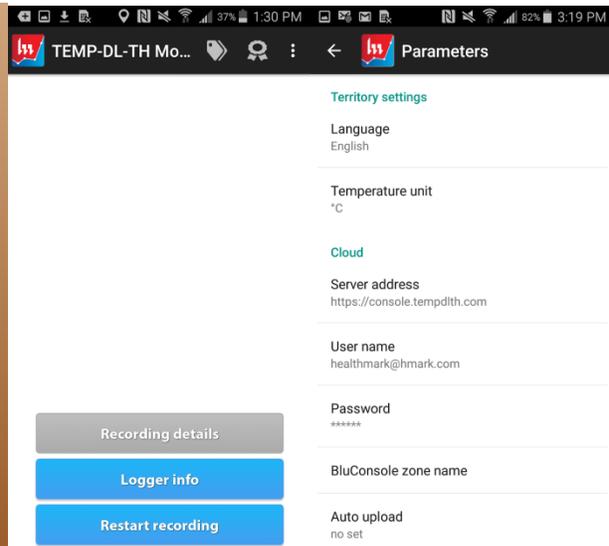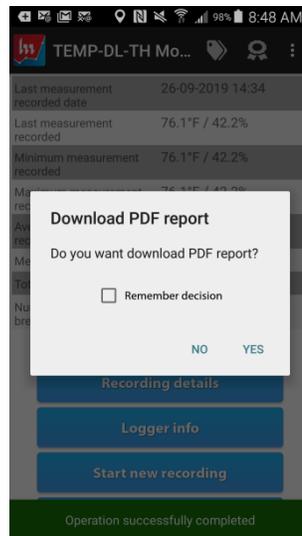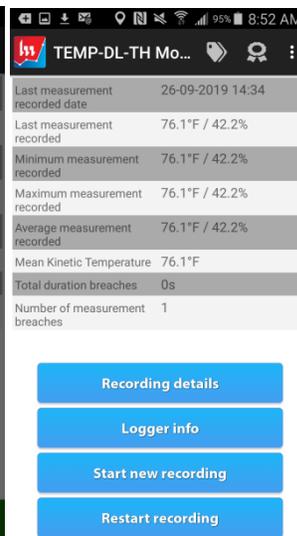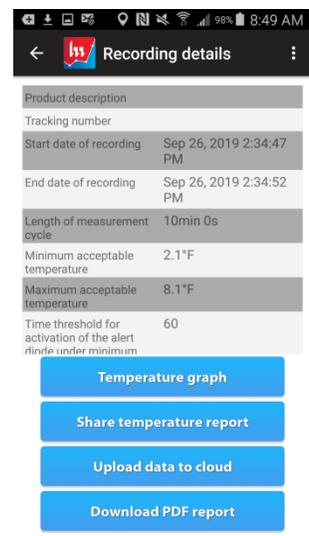
Figure 3   **Figure 4**   **Figure 5**
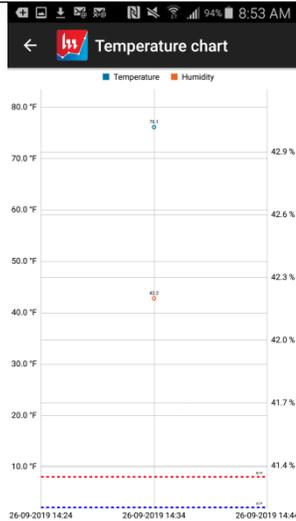
Figure 6

Build Custom Profiles On Your Temp-DL-TH NFC Temperature Data Logger

1. Bring Temp-DL-TH mobile NFC device to the Temp DL-TH NFC logger about 1" away, Temp-DL-TH "Temp" start screen shows, move the mobile device away and bring back to mobile device. **(Fig.1)**

2. Tap the first wrench tool in the top status bar. **(Fig. 2)**

3. Default Profile window will display. Tap on the symbol with the plus sign and circle around it in the top status bar to customize a profile**. (Fig.3)**

4. Tap on the plus sign and circle around it in the top right corner. Give the profile a unique name. **(Fig. 4)**

5. The custom profile screen will be blank. Tap on the symbol with the plus sign and circle around it above the pencil icon in the blue menu bar to add a field to the profile. **(Fig. 5)**

6. Arrow back to Profile Manager and select Predefined Field and enter the attribute value such as text for description, integer value for temperature or search time limits, and Cancel or OK for check box. Or enter your own custom text field and data. **(Fig. 6)**

7. Once all the fields are defined, tap on the Save icon to save the custom profile. **(Fig.7)**

Figure 1
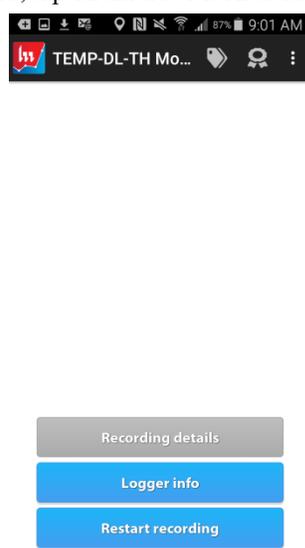
Figure 2
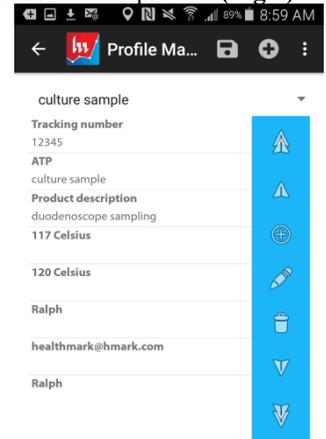
Figure 3
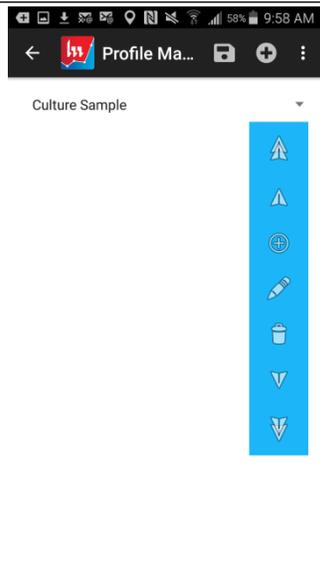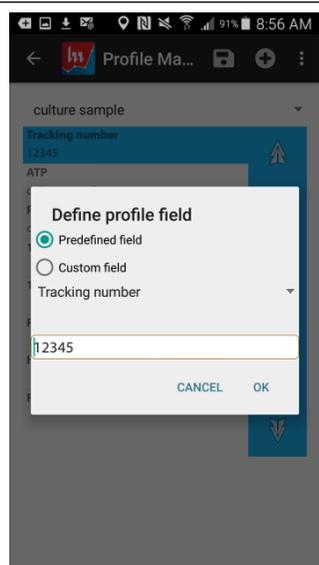
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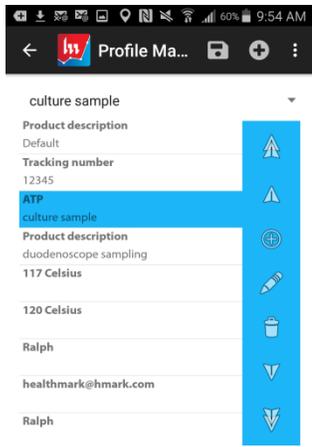
Figure 5

Figure 6

Figure 7

Interpretation of Results	
Contraindications of Test Results	
Documentation	
Special Warnings and Cautions	The maximum workable temperature range is -22˚F to +158˚F (-30˚C to +70˚C) with relative humidity of 0% to 100%.
Disposal	

Reprocessing Instructions	
Point of Us	
Preparation for Decontamination	
Disassembly Instructions	
Cleaning – Manual	
Cleaning – Automated	
Disinfection	
Drying	
Maintenance, Inspection, and Testing	
Reassembly Instructions	

Packaging	
Sterilization	
Storage	
Additional Information	
Related Healthmark Products	
Other Product Support Documents	Proformance™ Brochure, ProFormance™ Price List
Reference Documents	
Customer Service Contact	Healthmark Industries Company, Inc 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com