



TempTale GEO X Real Time Temperature Monitors User Guide

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TempTale GEO X Real Time Temperature Monitors



The TempTale® GEO X, XE, XP, XEP real-time IoT temperature monitors can be programmed with start-up delays, temperature measurement intervals, trip duration and time-temperature hardware alarm settings.

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Placement of the Monitor

- Remove the protective paper from the adhesive strip on the back of the TempTale® GEO X and place it on the TOP of the LAST pallet loaded on the passenger side of the trailer, closest to the door. For air shipments in ULD containers, place the monitor on the top or top side of the pallet facing the door. This improves cellular communication. Place the probe of the TempTale® GEO XP and XEP monitor as close to your product or payload as possible.

NOTE: Keep the monitor's electronic housing away from the dry ice environment.

- An alternative mounting method is to use a tie-wrap placed through the upper left and right holes on the back panel of the device and affixed to a container.
- Green label indicating Temperature Monitor Enclosed can be ordered from Sensitech.

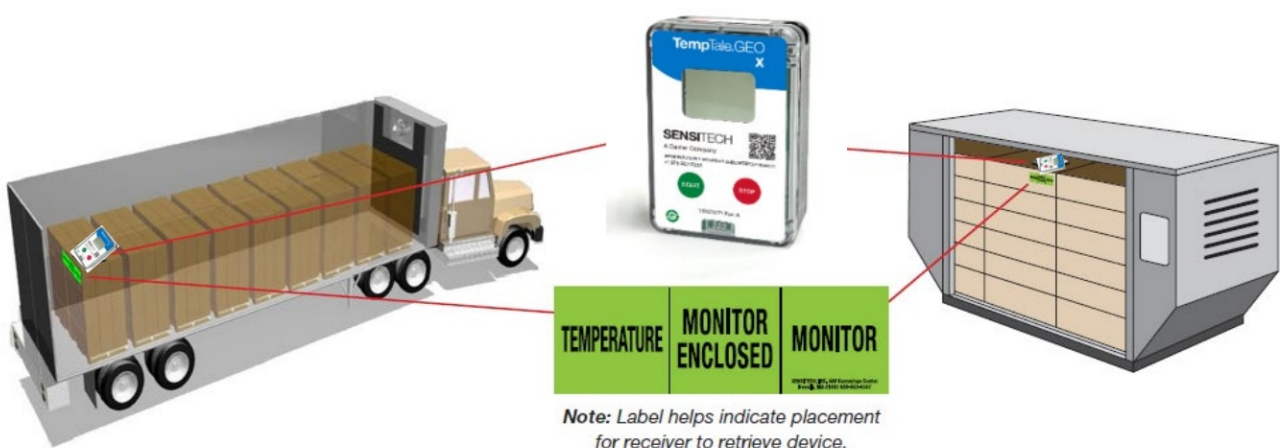


Figure 1


Starting the TempTale® GEO X Monitor

- Press and hold the green Start button (1 – 3 seconds) until the Sunshine icon ☀ appears in the upper left corner of the LCD screen and blinks (configurable) (Figure 2).

Monitor turned on when sun icon blinks.

Figure 2



- The TempTale® GEO X begins to record data after the programmed start-up delay icon  and period passes.
- The TempTale® GEO X operating life meets configured shipment trip length if the Start button is pressed by the Use by Date on the side label. On the side label, the number of DAYS below the Use By Date indicates the configured operating life once the device starts recording. (Figure 3)

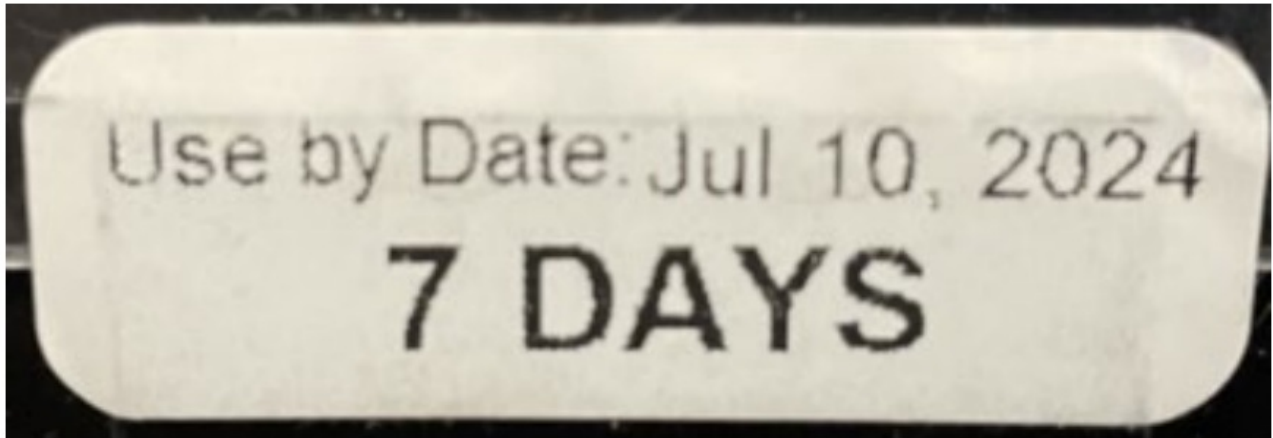


Figure 3

Alarming

When the TempTale® GEO X monitor is exposed to temperatures outside the programmed alarm limits, an **X** appears at the top of the screen.

The **▲** icon displays if the high alarm is triggered; the **▼** icon displays if the low alarm is triggered. [= **✓** no alarm(s)]

Marking an Important Event (Date Stamp)

To mark an important event while the monitor is recording, press and release the Start button.

An Arrow icon **↑** appears briefly in the display and trip summary data will appear.

Stopping

- Press and hold the Red Stop button (1 – 3 seconds) to stop the monitor.
- Verify the Stop icon **●** is visible on the display.

NOTE: If the monitor is not stopped manually, the TempTale® GEO X continues to record data until it reaches its trip reporting length.

View Monitor Statistics

Press and release the Start button to cycle through the trip summary data. Data appears in the following order:

1. Average temperature
2. Min. recorded temperature
3. Max. recorded temperature
4. Total time above high limit

5. Total time below low limit
6. Current temperature reading (this is a programmable option)

Receiving

- Recover the TempTale® GEO X monitor, then press and hold the Red Stop button (1 – 3 seconds) to manually stop the monitor.

NOTE: If the monitor is not stopped manually, the TempTale® GEO X continues to record data until it reaches its factory configured trip length limit.

- Verify that the Stop icon is visible on the display.
- After you press the Stop button, the final data from the GEO X transmits to the Cloud, indicated with a blinking cloud icon.

Data transmission from the TempTale® GEO X monitor to the Cloud is complete once the Cloud icon appears with a check mark and remains on the display.

- If the App icon APP appears and blinks, this indicates a final data upload failure to the Cloud; cellular transmission after multiple tries failed. APP indicates that you must use the TempTale® App on a smart phone or tablet to download the final data from the monitor to the Cloud. Download the TempTale® App from the Apple Store or Google Play store using QR code on front label of monitor. Minimum System Requirements ● iPhone 7 or higher running iOS 11+ ● Android 7.1+ ● Samsung Galaxy 8+.
- To communicate with the TempTale® APP on a smartphone or tablet, on the TempTale® GEO X press the Green Start and Red Stop buttons at the Same Time.

TempTale® Mobile App

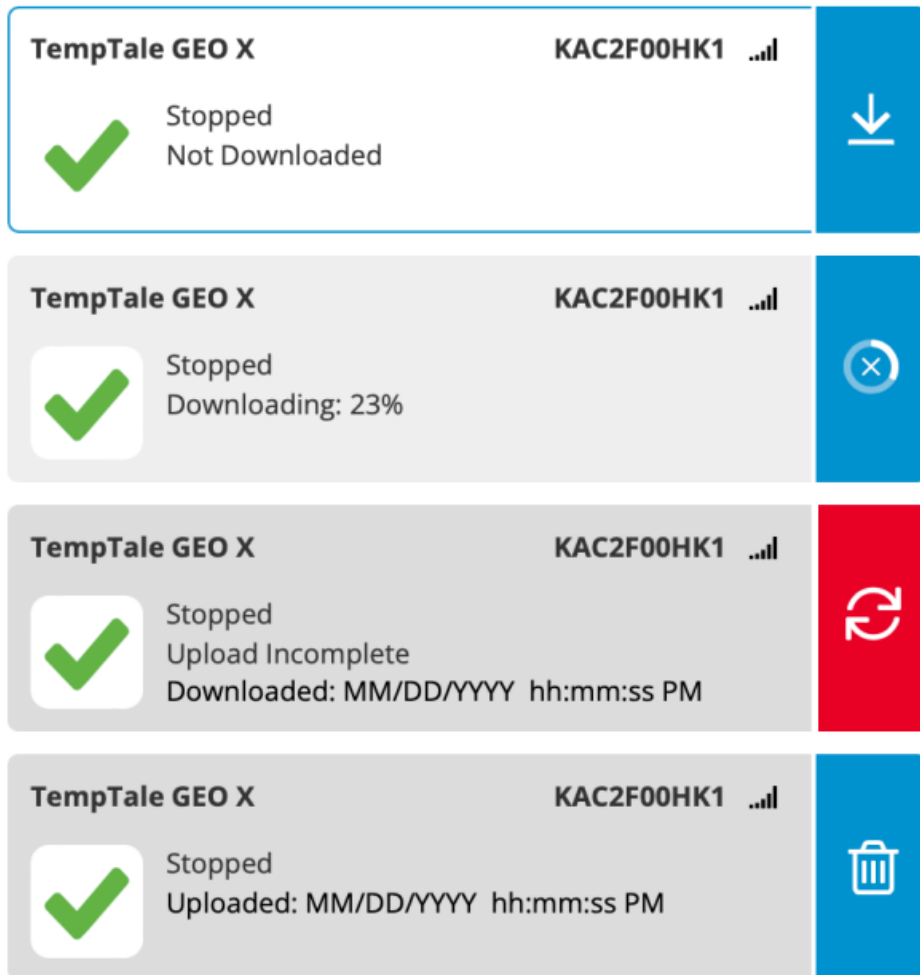






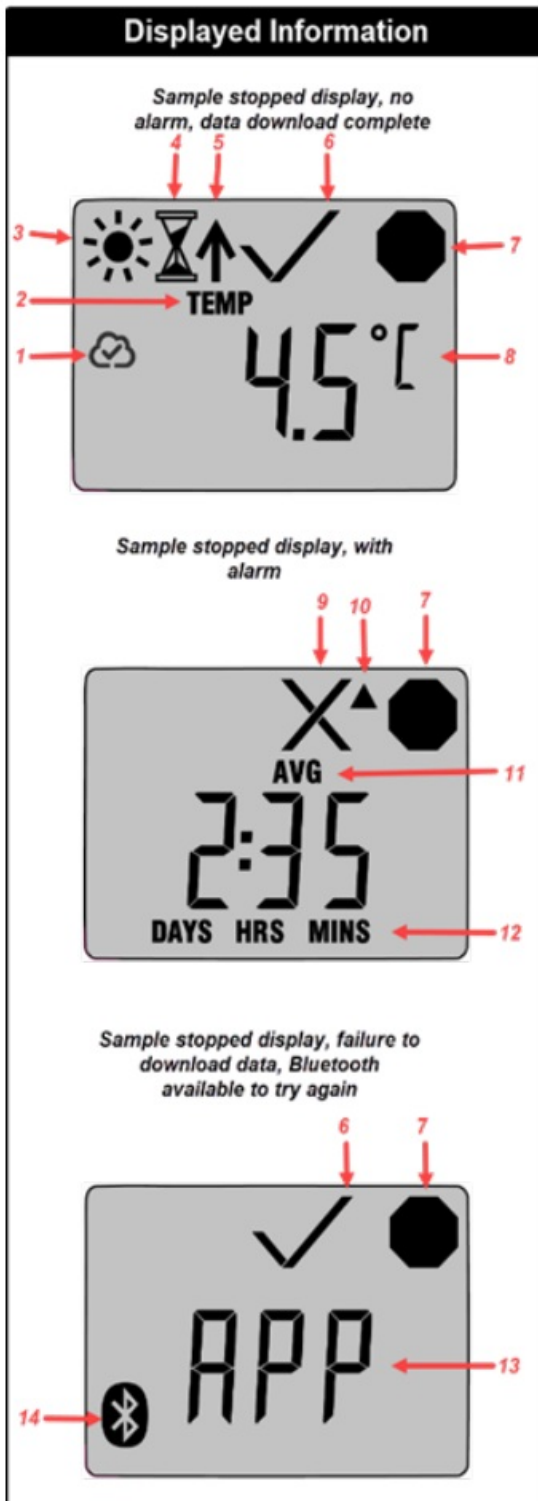
Figure 5

- The Bluetooth icon  blinks on the display, indicating TempTale® GEO X can communicate with the TempTale® APP. The APP icon stays on the display.
- Open the TempTale® APP on the smart phone and View Nearby BLE Monitors. Select the card with TempTale® GEO X serial number to download the monitor data to the APP by selecting the down arrow. The APP card confirms the TempTale® GEO X is Stopped and Uploaded to the Cloud. (Figure 5)
- The APP icon remains on the display and the Bluetooth icon  disappears.

Displayed Information

1. Upload to Cloud Complete After Monitor is Stopped
2. Temperature display indicator
3. Running
4. Start-up delay
5. Marked point
6. Alarm Status –  = alarm(s);  no alarm(s)
7. Stopped recording

8. Current temperature (preprogrammed to display C or F)
9. Alarm Status – alarmed
10. Up arrow High alarm triggered
11. View Statistics After Monitor is Stopped – Avg/Min/Max temperatures recorded
12. Total time above/below alarm limits
13. APP – Use TempTale® APP and smartphone to download final data using Bluetooth connection to the Cloud
14. Bluetooth On – ready to download monitor data to the TempTale® APP.



Access the TempTale® GEO X Monitor and Trip Data in SensiWatch® Platform

- TempTale® GEO X real-time Trip and Monitor visibility is provided in SensiWatch® Platform while in-transit,

based on the reporting interval, displaying temperature, humidity, light and location data.

- Login to SensiWatch® Platform (www.sensiwatch.com) to view trips and check for the status and alarm condition of the TempTale® GEO X monitor. (Figure 6)
- View or search for the TempTale® GEO X monitor by serial number to see its status, alarms, and location.

The image shows the SensiWatch Platform login interface. At the top, the logo "SensiWatch Platform" is displayed in a large, dark blue font, with "SENSITECH" in a smaller, lighter blue font to its right. Below the logo, there are two input fields: "Username" and "Password". The "Password" field has a small eye icon to its right, indicating a toggle for password visibility. To the right of the input fields, there are two buttons: "Forgot Password?" in a light blue font and a grey "Login" button.

Figure 6

For Public Trips (without login credentials), go to SensiWatch® Platform (www.sensiwatch.com). At the bottom of the page, type the TempTale® GEO X serial number into Track Public Trip to see the Trip and TempTale® GEO X monitor and alarms.(Figure 7)

The image shows a "Track Public Trip" form. It has a dark blue header bar with the text "Track Public Trip" on the left. Below this, there is a white input field with the placeholder text "Monitor Serial Number". To the right of the input field is a blue button with the text "Track".

Customer Support

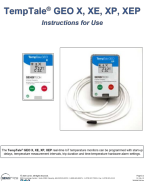
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+1-[978-921-2112](tel:978-921-2112)





Documents / Resources

 The image shows the cover of a user guide for TempTale GEO X, XE, XP, and XEP. It features a small photograph of the device, which is a handheld unit with a screen and buttons, and a coiled cable. The text on the cover includes the product name and "Instructions for Use".	<p>TempTale GEO X Real Time Temperature Monitors [pdf] User Guide GEO X Real Time Temperature Monitors, GEO X, Real Time Temperature Monitors, Time Temperature Monitors, Temperature Monitors, Monitors</p>
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References

- [SensiWatch Platform](#)
- [SensiWatch Platform](#)
- [User Manual](#)

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