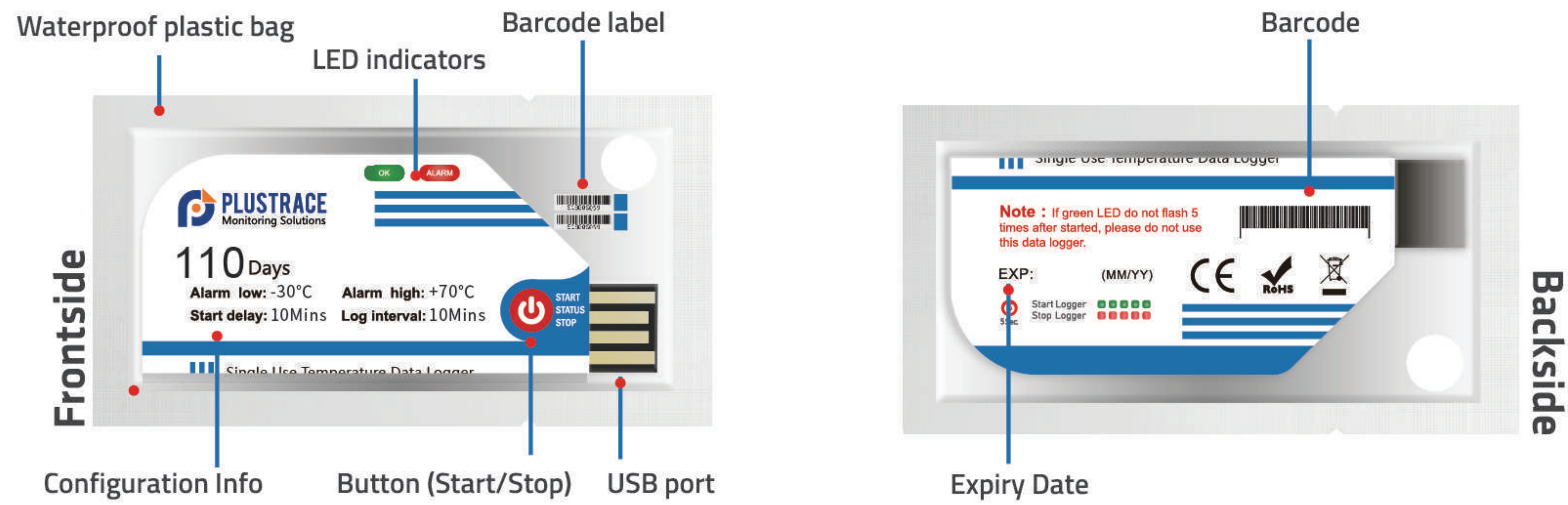


# User Manual - Plustrace G1 V2.0

## Single-Use Temperature Logger



- 01 Press button for 5 Seconds to START
- 02 Add started Plustrace G1 to your shipment
- 03 Connect stopped Logger directly to USB Port
- 03 Automated PDF & CSV Report with all Details

## Product Overview

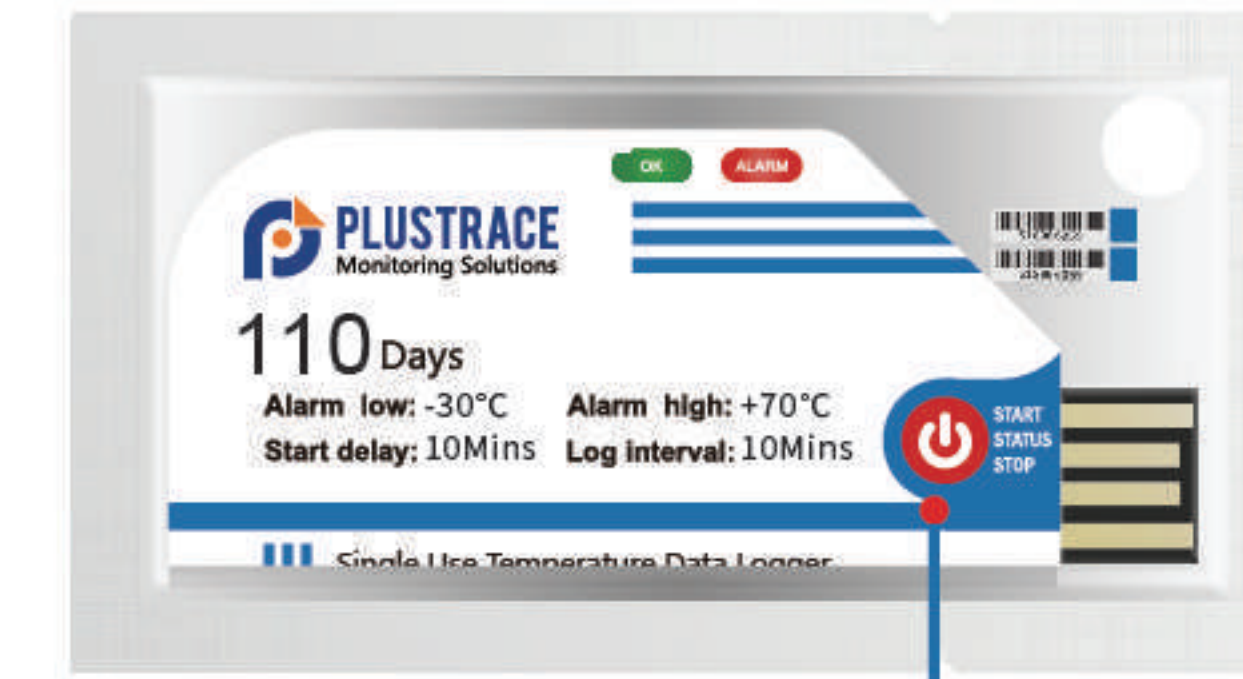
This document describes specific validation procedures for G1 data loggers, for the purpose to ensure the proper operation and provide a reliable temperature and time record during transportation and storage.

### Technical Specifications

<b>Recording Option</b>	Single Use	<b>Certifications</b>	EN12830, CE, RoHS
<b>Temperature Range</b>	-30°C to +70°C	<b>Validation Certificate</b>	Hardcopy and PDF file in Memory
<b>Temperature Accuracy</b>	± 0.2 °C (-20°C to +40°C); ± 1.0 °C (other range)	<b>Software</b>	Plustrace v2.0 or newer
<b>Temperature Resolution</b>	0.01°C	<b>Report Generation</b>	Auto Generated PDF and CSV
<b>Data Storage Capacity</b>	16,000 Readings	<b>Password Protection</b>	Optional on request
<b>Shelf Life / Battery</b>	2 Years <sup>1</sup> / CR2450 Button Cell	<b>Connection Interface</b>	USB 2.0, A-type
<b>Recording Interval</b>	10 minutes (standard, customizable)	<b>Alarm Configuration</b>	Optional, upto 5 points
<b>Recording Duration</b>	upto 180 Days <sup>2</sup> (customizable)	<b>Reprogrammable</b>	Plustrace v2.0
<b>Startup Mode</b>	Button or Software	<b>Accessories Incl.</b>	Shipping Documents, certificate, Reprogrammable Label, Seal Bag
<b>Protection Class</b>	IP67 / NEMA 6		
<b>Dimension</b>	102 mm x 60 mm		
<b>Weight</b>	Approx 15 Gms		

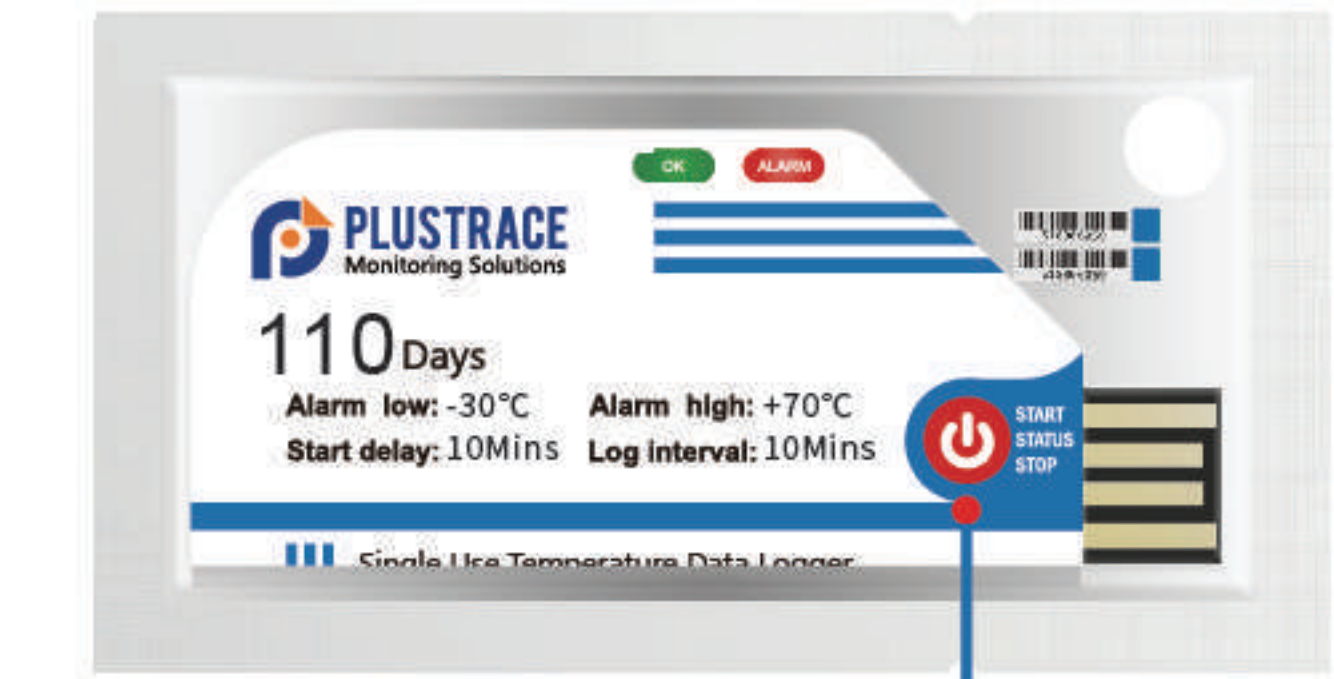
<sup>1</sup> Depending on optimal storage conditions (15°C to +25°C / 45% to 75% rH)  
<sup>2</sup> Depending on application temperature (Extreme low / high temperature may shorten battery life)

## Operation Instructions



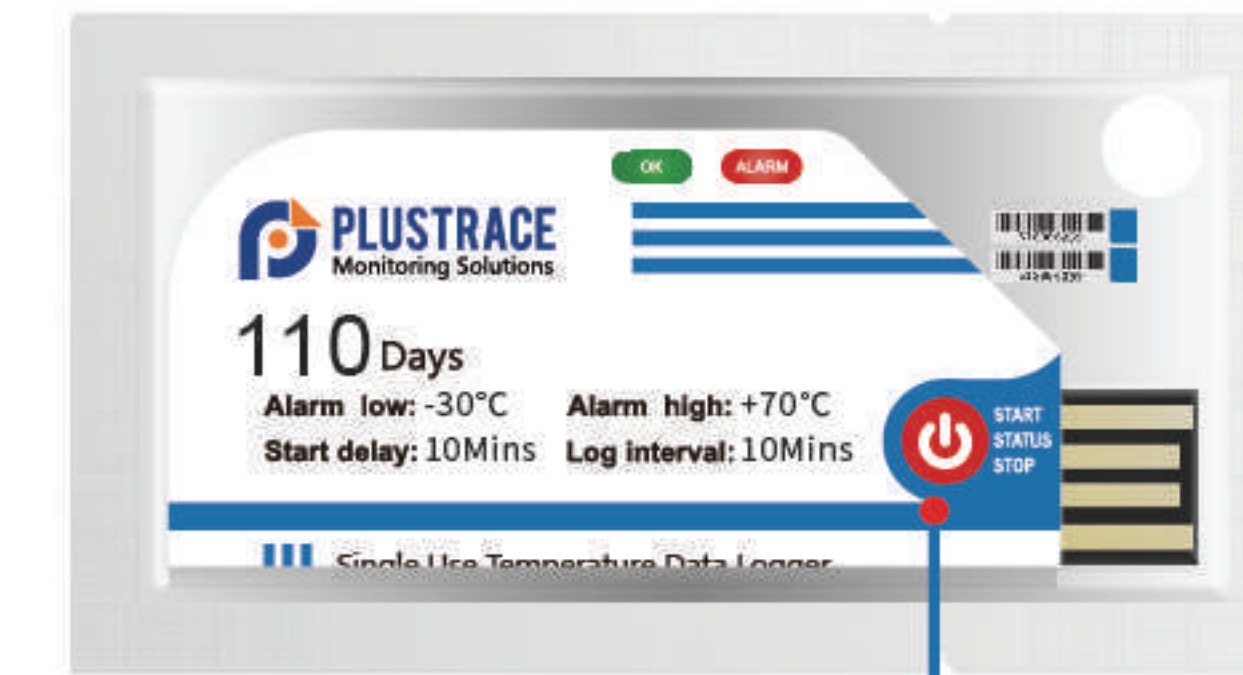
Press Button for 5 Seconds

- 01 Keep button pressed for minimum 5 seconds to start recording. Then **RECORD LED** flashes 5 times, which indicates a successful starting. Tear off serial number label for your reference.



Status Request

- 02 Press button once at any time to check the current status of the logger. See details of these optional features in table below.



Press Button for 5 Seconds

- 03 Keep button pressed for minimum for 5 seconds to stop recording. Then **ALARM LED** flashed 5 times which indicates a successful stopping.



Tear off

- 04 After stopping record, tear off the transparent plastic cover and connect the logger to a USB port of the computer. The PDF and CSV report will be generated automatically and can be found in the device's folder.

## Operation Indication

### Start / Stop

Status	Action	LED confirmation
Start Logger	5 sec pushing button	<b>RECORD LED</b> flashing 5 times ●●●●●
Stop Logger	5 sec pushing button	<b>ALARM LED</b> flashing 5 times ●●●●●

### Status Request by pushing Button 1 time

Status	Action	LED confirmation
Not Started	Push button 1 time	<b>RECORD LED</b> + <b>ALARM LED</b> flashing 1 time ●●
Recording - OK	Push button 1 time	<b>RECORD LED</b> flashing 1 time ●
Recording - Alarm	Push button 1 time	<b>ALARM LED</b> flashing 1 time ●
Stopped - OK	Push button 1 time	<b>RECORD LED</b> flashing 2 times ●●
Stopped - Alarm	Push button 1 time	<b>ALARM LED</b> flashing 2 time ●●