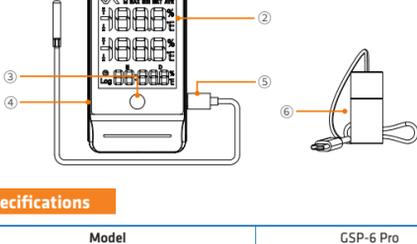


## Overview

GSP-6 Pro is temperature and humidity data logger with external probe. It features with a large LCD Screen, audible-visual alarm, auto shortened interval for alarms and other functions; its built-in magnets are also easy for mounting during usages.

It can be used to record the temperature/humidity of medicines, chemicals, and other goods during storage, transportation and in each phase of the cold chain including cooler bags, cooling cabinets, medicine cabinets, refrigerators and laboratories.



- ① LED Indicator
- ② LCD Screen
- ③ Button
- ④ Type-C Port
- ⑤ Temperature-Humidity Probe
- ⑥ Glycol Bottle Probe (optional)

## Specifications

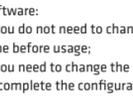
Model	GSP-6 Pro	GSP-6Pro Gle
Temperature Measurement Range	-40°C~+85°C (-40°F~185°F)	
Temperature Accuracy	±0.3°C/±0.6°F (-20°C~+40°C), ±0.5°C/±0.9°F (others)	
Humidity Measurement Range	0%RH-100%RH	
Humidity Accuracy	±3%RH (25°C, 20%RH ~ 80%RH), ±5%RH (others)	
Resolution	0.1°C/°F; 0.1%RH	
Memory	Maximum 100,000 points	
Logging Interval	10 seconds to 24 hours	
Data Interface	Type-C	
Start Mode	Press button; Use software	
Stop Mode	Press button; Auto-stop; Use software	
Software	ElitechLog, for macOS & Windows system	
Report Format	PDF/EXCEL/TXT* via ElitechLog software, TXT for Windows ONLY	
Power	1.5V AA battery (14505) /TypeC (Non rechargeable)	
Shelf Life	2 years	
Certification	CE, FCC, WEEE	
External Probe	Temperature-humidity probe	glycol bottle probe (optional)
Dimensions	118. 8 x 64.6 x 19.6 mm	
Weight	130g (different option different weight)	

\* The glycol bottle contains 8ml propylene glycol.

## Operation

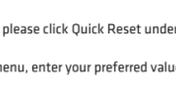
### 1.Activate Logger

Pull out the battery insulator strip



### 2.Install Probe(the probe must be plugged into the port on the right side)

Please install the probes to the corresponding jacks, details are shown below:



### 3.Install Software

Please download and install the ElitechLog software (macOS and Windows) from Elitech US: [www.elitechstore.com/pages/download](http://www.elitechstore.com/pages/download) or Elitech UK: [www.elitechonline.co.uk/software](http://www.elitechonline.co.uk/software) or Elitech BR: [www.elitechbrasil.com.br](http://www.elitechbrasil.com.br).

### 4.Configure Parameters

First, connect the data logger to the computer via USB cable, wait until the icon shows on the LCD, then configure via Software:

If you do not need to change the default parameters (in Appendix); please click Quick Reset under Summary menu to synchronize local time before usage;

If you need to change the parameters, please click the Parameter menu, enter your preferred values, and click the Save Parameter button to complete the configuration.

**Warning! For first time user or after battery replacement:**  
To avoid time or time zone errors, please make sure you click **Quick Reset** or **Save Parameter** before usage to configure your local time into the logger. Note: The parameter of **Interval Shortened** is disabled by default. If you set it to **Enable**, it will auto shorten the logging interval to once per minute if it exceeds temperature/humidity limit(s).

### 5.Start Logging

**Press Button:** Press and hold the button for 5 seconds until the icon shows on the LCD, indicating the logger starts logging.

Note: If the icon keeps flashing, it means the logger configured with start delay; it will start logging after the set delay time elapses.

### 6.Stop Logging

**Press Button\*:** Press and hold the button for 5 seconds until the icon shows on the LCD, indicating the logger stops logging.

**Auto Stop:** When the logging points reach the maximum memory, the logger will stop automatically.

**Use Software:** Connect the logger to your computer; open software, click **Summary** menu and **Stop Logging** button.

Note: \*Default stop is via **Press Button**, if set as disabled, the button stop function will be invalid; please open the ElitechLog software and click **Stop Logging** button to stop it.

### 7.Download Data

Connect the data logger to your computer via USB cable, and wait until the icon shows on the LCD, then download data via: **ElitechLog Software:** The logger will auto-upload data to ElitechLog, then please click Export to select your desired file format to export. If data failed for auto-upload, please manually click **Download** and then repeat above operation.

### 8.Reuse the Logger

To reuse a logger, please stopped it first; then connect it to your computer and use software to save or export the data. Next, reconfigure the logger by repeating the operations in **4. Configure Parameters**.

After finished, follow **5. Start Logging** to restart the logger for new logging.

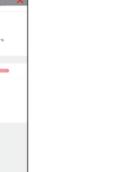
**Warning! \* To make space for new loggings, all previous logging data inside the logger will be deleted after re-configuration. If you forgot to save/export data, please try to locate the logger in the **History** menu of software.**

\*\*App operation instruction can visit [www.elitechlog.com](http://www.elitechlog.com)

## APP Operation Instructions

### 1.Bluetooth Function Indicator

If flashing, representing waiting for Bluetooth connection, If constant light indicates that Bluetooth is connected.



### 2.Install Software

The mobile phone can download the "Elitech iCold" app through the Google Play/App Store app store. After installation, you can register an app account to use it, or you don't need to register an account. Simply click on "Bluetooth Data Logger" to immediately enter the configuration parameters page.

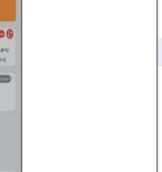


### 3.Modify Parameters

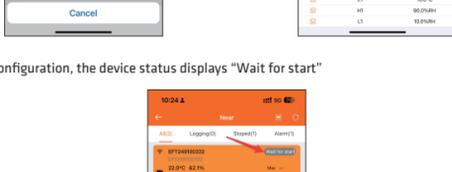
(1)Click on the top left corner , Select Bluetooth Data Logger



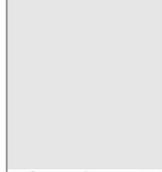
(2)Click on the device corresponding to the SN code



(3)The first use requires configuring parameters (time zone, recording interval, upper and lower limits of temperature and humidity). After confirming the parameters, click "Save" in the upper right corner to complete the parameter configuration (Configuration can only be done in an unrecorded state, otherwise it will directly jump to the data list interface)



(4)After successful parameter configuration, the device status displays "Wait for start"



(5) Long press the GSP-6Pro Home button for 5 seconds, wait for the device status to change from "Wait for start" to "Logging", and the device will start recording data



### 4.Data viewing

(1)Click on the top right corner of the nearby menu Refresh device list. Click the Data Logger button, the device list will be highlighted and the device will be topped up. Click on the device to select the option to read data



(2)After completing the data reading, click on the top right corner Can stop recording. Click on the data menu to a detailed data list (when there is too much data, it may take 1-2 minutes to read), click on the generate report below to generate a data report in the required format (Supports PDF); Click to print and print the data list through the matching Bluetooth printer



## Status Indication

### 1.Button

Operation	Press and hold the button for 5 seconds	Press and release the button
Function	Start/Stop logging	Check/Switch interfaces

### 2.LCD Screen



- 1.Stopped
- 2.Logging
- 3.Circular Logging
- 4.Over Limit Alarm
- 5.Bluetooth
- 6.Battery Level
- 7.Alarm state
- 8.Max/Min/MKT/Average Values
- 9.Connected to PC
- 10.High/Low Temperature Limit
- 11.High/Low Temperature/Humidity Limit
- 12.Current Time
- 13.Logging Points
- 14.Month-Day

### 3.LCD Interface

Temperature (Humidity); Logging Points	206°C 608%	Maximum, Current Time	703°C 908%	Minimum, Current Date	-235°C 185%	High Alarm Limit	600°C 900%
Low Alarm Limit	-300°C 100%	Average	238°C 706%	Probe Not Connected	Err		8000

The display of maximum and minimum values can be set through the APP to display continuously for 1 to 15 days or record the entire process

### 4.Buttons-LCD-LED Indication

LCD Display	LED Indicator flashes	Buzzer Alerts...*	Meaning...
	Green always on		Connected to PC
	Once every 15 seconds		High/Low temperature/humidity limit exceeded
	once		Not started
	twice		Started
	3 times		Stopped
	4 times		Start delay

\* To enable buzzer function, please open ElitechLog software and go to **Parameter** menu -> **Buzzer** -> **Enable**.

### Battery Replacement

- 1.Open the battery cover. Remove the old battery.
- 2.Install a new dry battery into the battery compartment.
- 3.Close the battery cover.



### What's Included

- Data Logger x 1
- 1.5V AA battery (14505) x 1
- User Manual x 1
- Probe x 1
- USB Cable x 1

### Warning

- 1.Please store your logger at room temperature.
- 2.Please pull out the battery insulator strip in the battery compartment before using.
- 3.If you use the logger for the first time, please use software to synchronize system time and configure parameters.
- 4.Do not remove the battery if the logger is recording.
- 5.The LCD screen will be auto off after 15 seconds of inactivity (by default). Press the button again to turn on the screen.
- 6.Any parameter configuration on software will delete all logged data inside the logger. Please save data before you any new configurations.
- 7.To ensure the humidity accuracy, please avoid contact with unstable chemical solvents or compounds, especially avoid long-term storage or exposure to the environments with high concentrations of ketene, acetone, ethanol, isopropanol, toluene etc.
- 8.Do not use the logger for long-distance transport if the battery icon is less than half as
- 9.The glycol filled bottle probe can be considered as a thermal buffer that can simulate the actual temperature variations inside, which is suitable for vaccine, medical or similar scenarios.