



BENETECH GM1370 NFC Temperature Data Logger Instruction Manual

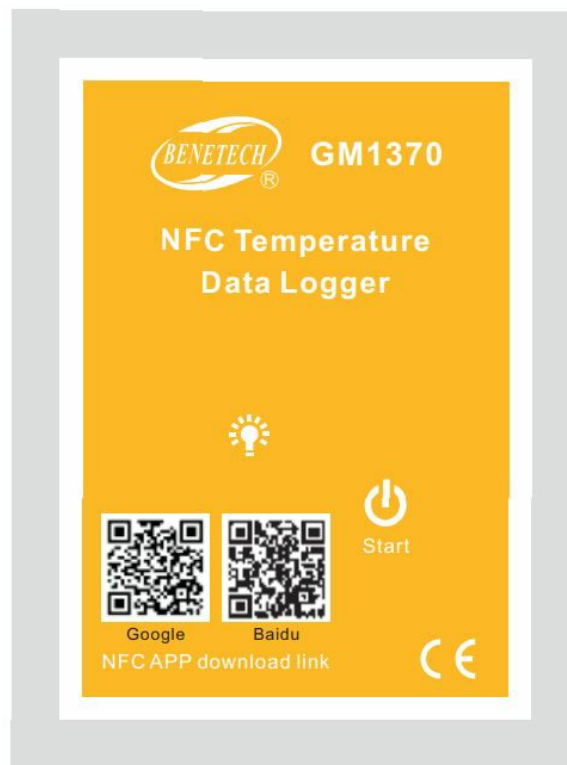
[Home](#) » [BENETECH](#) » BENETECH GM1370 NFC Temperature Data Logger Instruction Manual 

Contents

- [1 BENETECH GM1370 NFC Temperature Data Logger](#)
- [2 Specifications](#)
- [3 Product Usage Instructions](#)
 - [3.1 Product Introduction](#)
 - [3.2 Label Illustration](#)
 - [3.3 Technical Parameters](#)
 - [3.4 APP Operation Documents](#)
- [4 FAQ](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)



BENETECH GM1370 NFC Temperature Data Logger



Specifications

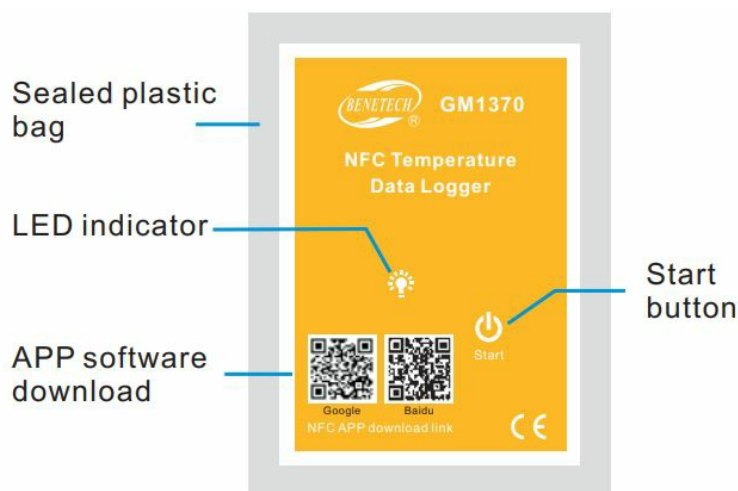
- **Model:** GM1370 NFC Temperature Data Logger
- **Measurement temperature:** -25°C to 60°C (-13°F to 140°F)
- **Resolution:** 0.1°C
- **Storage temperature:** -25°C to 60°C (-13°F to 140°F)
- **Sensor:** Built-in NTC1
- **Recording capacity:** 4000 groups (at most)
- **Recording interval:** Adjustable within 1 to 240 minutes
- **Delayed startup:** Adjustable within 1 to 240 minutes
- **Power supply:** Built-in CR2032 lithium battery of wide temperature range
- **Protection level:** IP672
- **Dimensions:** 60mm x 86mm x 6mm
- **Instrument weight:** 10g
- **Startup method:** Press button for startup (long press for 5 seconds)
- **Storage mode:** Cycle storage mode/stop when storage room is full
- **Stop reading mode:** Stop when storage room is full/after reading saved data
- **Reading equipment:** Android mobile phone with NFC function
- **System requirement:** Android system 4.0 or above
- **Battery life:**
Note: It is recommended to store the instrument at room temperature before startup. To ensure product protection level, do not immerse the recorder in a corrosive liquid such as alcohol or oleic acid for a long time.

Product Usage Instructions

Product Introduction

This temperature recorder is mainly used for medicine, vaccines, blood, food, flowers, laboratories, and other fields. It is especially suitable for places that hold high waterproofing requirements on recorders in cold chain storage and transportation. data can be read directly by mobile phone APP via short-range wireless NFC mode without tearing off sealed plastic bags. In the case that batteries are exhausted, data can still be read through the phone. The GM1370 NFC Temperature Data Logger is designed for use in medicine, vaccines, blood, food, flowers, laboratories, and other fields. It is especially suitable for cold chain storage and transportation where high waterproofing requirements are needed. The data can be read directly through a mobile phone app via short-range wireless NFC mode without tearing off the sealed plastic bag. Even when the batteries are exhausted, data can still be read through the phone.

Label Illustration



The temperature data logger features the following components:

- Sealed plastic bag
- LED indicator
- GM1370 NFC Temperature Data Logger
- APP software download
- Start button

Technical Parameters

- Measurement temperature: -25°C to 60°C (-13°F to 140°F)
- Resolution: 0.1°C
- Storage temperature: -25°C to 60°C (-13°F to 140°F)
- Sensor: Built-in NTC1
- Recording capacity: 4000 groups (at most)
- Recording interval: Adjustable within 1 to 240 minutes
- Delayed startup: Adjustable within 1 to 240 minutes
- Power supply: Built-in CR2032 lithium battery of wide temperature range
- Protection level: IP672
- Dimensions: 60mm x 86mm x 6mm
- Instrument weight: 10g
- Startup method: Press button for startup (long press for 5 seconds)
- Storage mode: Cycle storage mode/stop when storage room is full
- Stop reading mode: Stop when the storage room is full/after reading saved data

- Reading equipment: Android mobile phone with NFC function
- System requirement: Android system 4.0 or above
- Battery life: Note: It is recommended to store the instrument at room temperature before startup. In order to ensure product protection level, do not immerse the recorder in a corrosive liquid such as alcohol or oleic acid for a long time.

Note

1. It is recommended to store the instrument at room temperature before startup.
2. To ensure product protection level, do not immerse the recorder in a corrosive liquid such as alcohol or oleic acid for a long time.

NFC Operation Instructions

Use a mobile phone for configuration and write in configuration information before starting recording.

- **Configuration information:** turn on the app on your mobile phone and click to write in. After setting configuration information, place NFC near the mobile phone; if writing is completed, the APP will display successful configuration. If it fails, remove NFC and then place it near the phone.
- **Start recording:** long press button for 5s, if the LED flashes slowly (1s) for two times, it indicates that recording has never started, and the mode switches to recording.
 - LED: _ * _ * _ * _ * _ * _ * _ *
- **Record reading:** turn on the app and place NFC near the phone, the app will automatically recognize NFC (if NFC is not recognized, you can remove NFC and then place it near the phone), then click Scan to read, please keep NFC close to the phone during reading.
- **Default setting:** delayed startup by 10 minutes, interval time of 5 minutes.
- **State check:** short press button.
 - If the LED slowly flashes three times, it indicates that the recording has not started.
 - LED: * _ * _ * _ *
 - If the LED quickly flashes five times, it indicates that the recording has started.
 - LED: * _ * _ * _ *

To configure the temperature data logger and write in configuration information before starting recording, follow these steps:

- **State check:** Short press the button. If the LED slowly flashes three times, it indicates that the recording has not started.

LED: * _ * _ * _ *. If the LED flashes five times, it indicates that the recording has started.
- LED: * _ * _ * _ *.

APP Operation Documents

1. Main Interface (Figure 1)

To read data using the NFC temperature recorder app, follow these steps:

1. Turn on the NFC function of your mobile phone.
2. Place your phone near the NFC temperature recorder.

3. Click the scanning button to read the data.
4. Click the writing button to enter the information configuration interface.

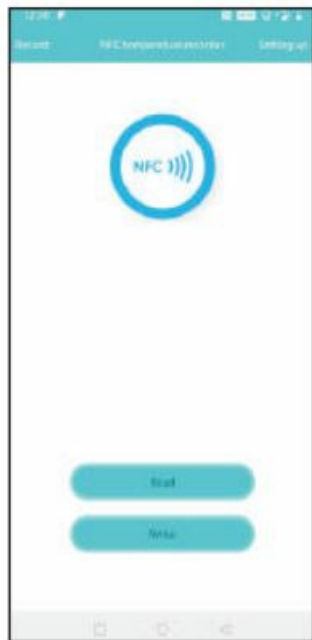


Figure 1

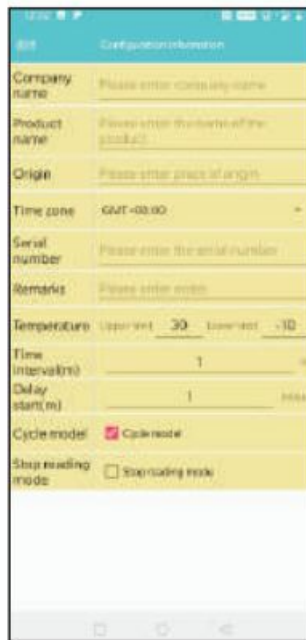


Figure 2

2. Configuration Information interface(Figure 2)

After the information is completed, place the phone near the NFC temperature recorder until the screen displays “Configuration Successful”

3. Click for scanning(Figure 3)

You need to save data after data scanning, then you can view data in the history interface.



Figure 3

4. Historical record interface(Figure 4)

Click the “Editor” button and select multiple data to delete. Click data to enter detailed data interface



Figure 4

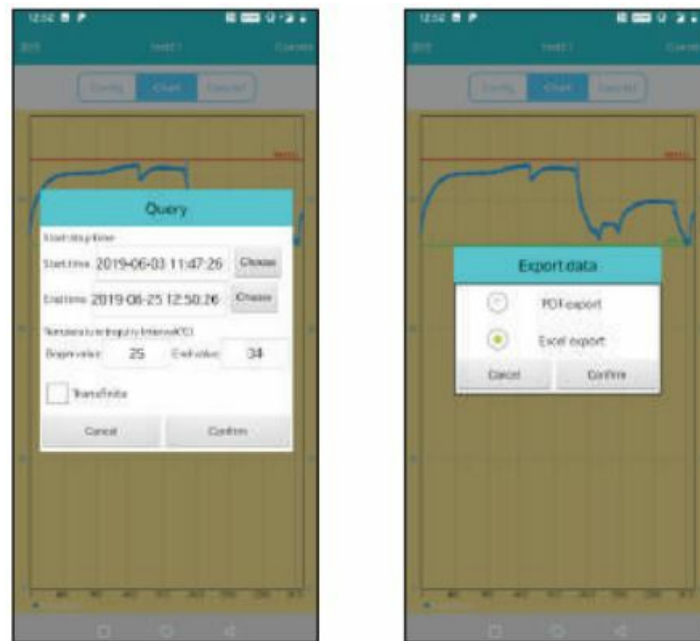
5. Data interface(Figure 5)

Data are displayed in charts and lists, and you can also view configuration information.



6. Operation button:

“Query”-filtering by temperature values and time. “Export”-exporting data to your phone in PDF or Excel format.



Specific Declarations:

Our company shall hold no any responsibility resulting from using output from this product as direct or indirect evidence. We reserve the right to modify product design and specifications without notice.

Configuration Information Interface (Figure 2)

After completing the information, place your phone near the NFC temperature recorder until the screen displays "Configuration Successful."

Click for Scanning (Figure 3)

You need to save the data after scanning, then you can view the data in the history interface.

Historical Record Interface (Figure 4)

Click the Editor button and select multiple data to delete. Click on the data to enter the detailed data interface.

Data Interface (Figure 5)

Data is displayed in charts and lists, and you can also view configuration information.

Operation Button

- **Query:** Filter data by temperature values and time.
- **Export:** Export data to your phone in PDF or Excel format.

FAQ

Q: What is the measurement temperature range of the GM1370 NFC Temperature Data Logger?

A: The measurement temperature range is -25°C to 60°C (-13°F to 140°F).

Q: How many recording groups can the data logger store?

A: The data logger can store up to 4000 groups of recordings.

Q: What is the startup method for the temperature data logger?

A: To start the data logger, press the button for startup, and long press for 5 seconds.


Q: What is the system requirement for using the NFC temperature data logger?

A: The NFC temperature data logger requires an Android system 4.0 or above.

Q: How long is the battery life of the data logger?

A: The battery life varies depending on usage and conditions. Ensure to store the instrument at room temperature before startup for optimal battery performance.

Documents / Resources

	<p>BENETECH GM1370 NFC Temperature Data Logger [pdf] Instruction Manual GM1370 NFC Temperature Data Logger, GM1370, NFC Temperature Data Logger, Temperature Data Logger, Data Logger, Logger</p>
---	---

References

- [User Manual](#)