CT Data Helper APP

Instructions for Use

Precision guardianship, health decoded in one second

Product Feature Introduction

This device is specifically designed for compatibility with the all ISO Std RFID chips. It enables efficient communication with relevant equipment via serial port/Bluetooth, and delivers the following core functions:

1.Synchronize Local Time

Automatically synchronizes and calibrates the local time to ensure precise correspondence of data timestamps.

2.Data Reading

Reads low-frequency tag codes and associated temperature data in real time, supporting continuous multi-tag identification.

3.Data Management

Built-in storage module completely preserves every reading record. Supports data export in xlsx/txt formats. Allows one-click sharing of data reports via social software.

4.Multi-Device Collaboration

a) A single mobile phone can simultaneously connect to and control multiple thermometers.
b) It supports independent configuration of timed reading tasks for each device (with customizable time intervals).
c) Data from multiple devices is centrally aggregated, enabling batch export and sharing.

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01

APP Download and Installation

The harder you work, the more luck you have.

Download and Install the APP

Available for free download on Google Play, and the Apple App Store. Links below.

Google play

Download on the App Store



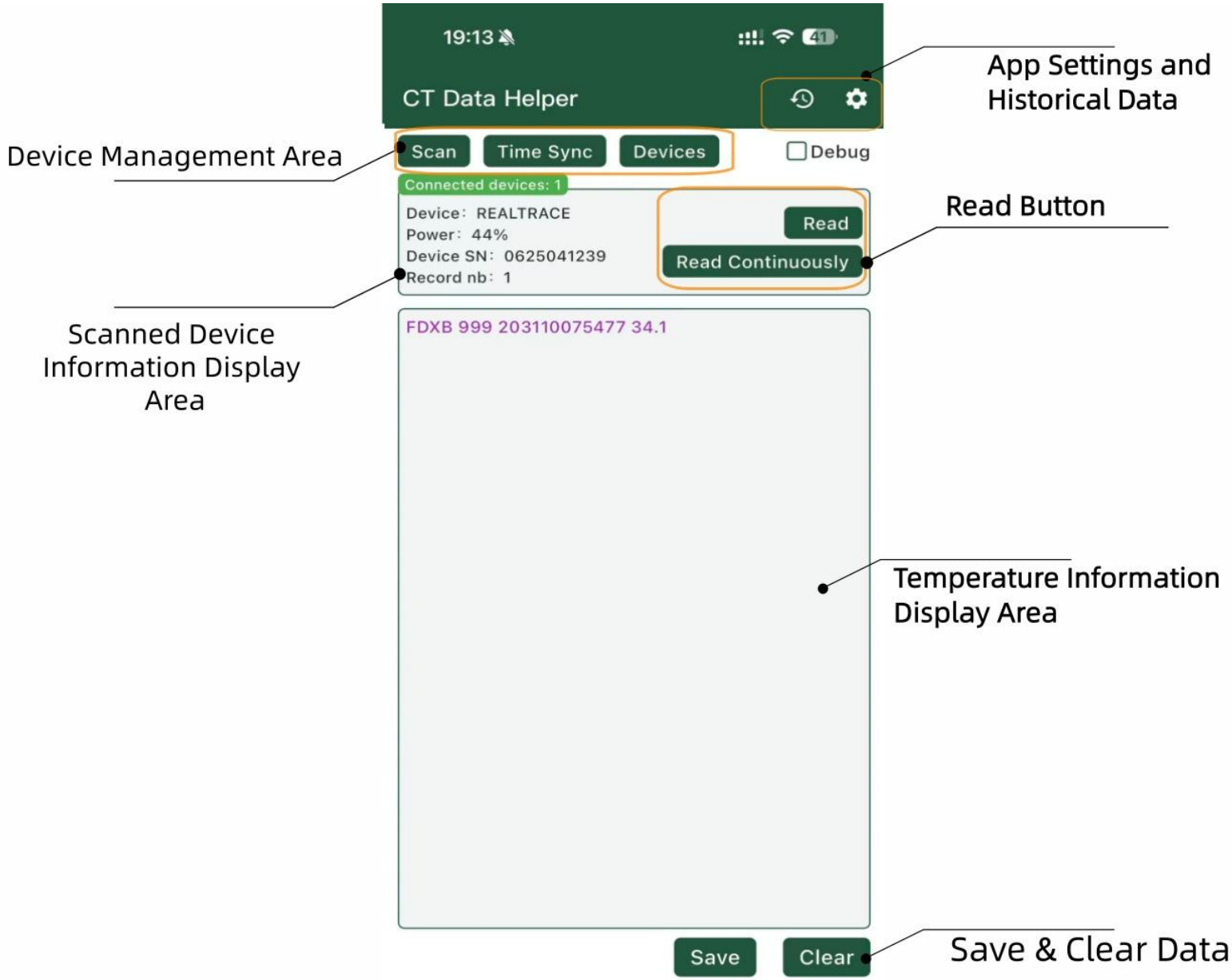


02

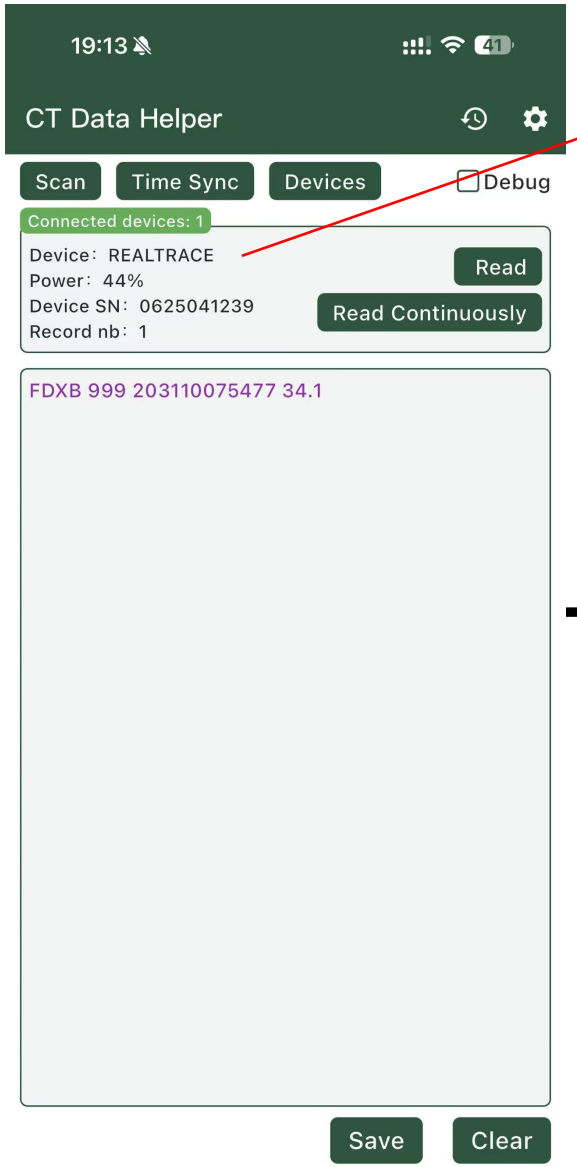
APP Interface Introduction

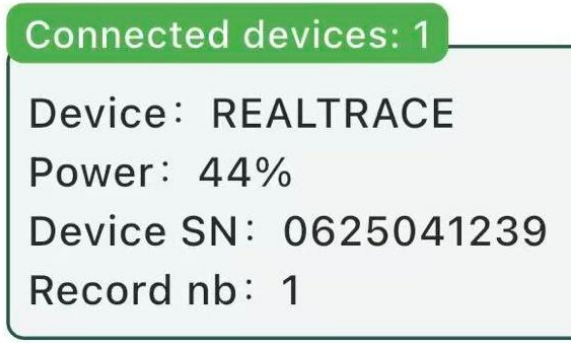
The harder you work, the more luck you have.

App Page Introduction

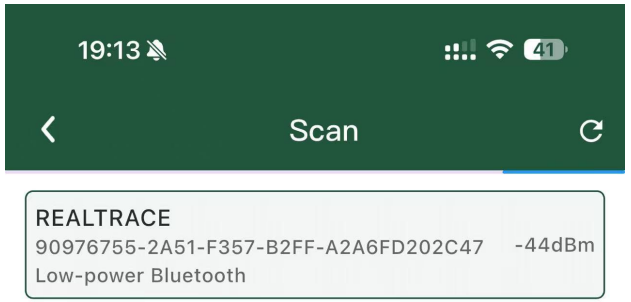


Device Connection





(Figure 2)



(Figure 3)

1.Click **Scan** When the Bluetooth icon of a device appears, select the device and click "Connect" (as shown in Figure 2).

The serial Bluetooth identifiers for CT series products are typically REALTRACE or RFID_UART.

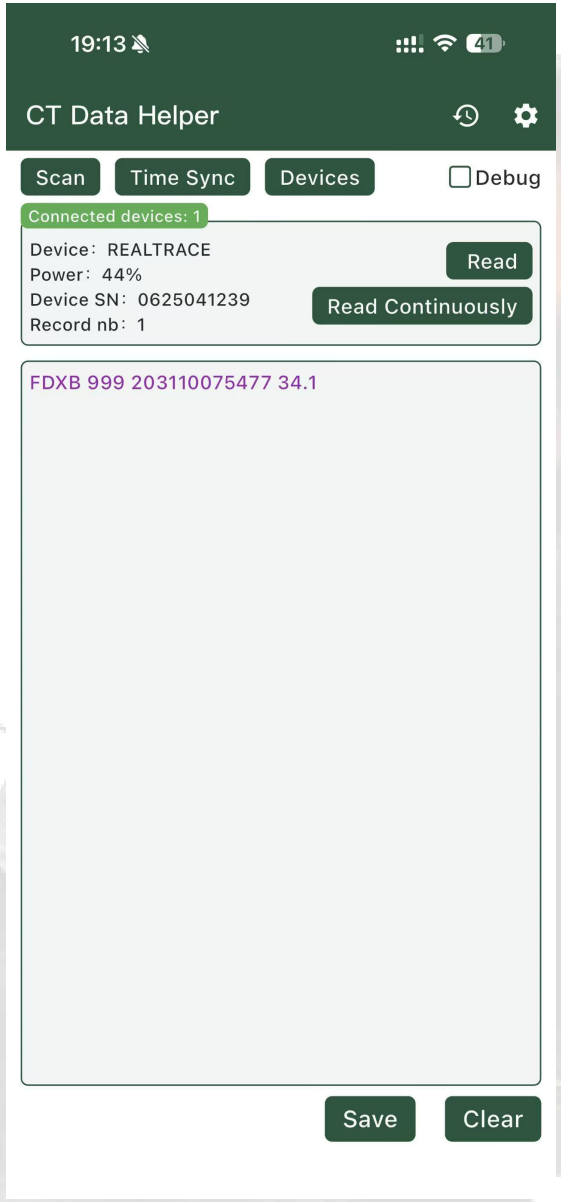
2.After a successful connection, the device information will be displayed in the APP (see Figure 3).



03 Detailed Instructions for Use

The harder you work, the more luck you have.

APP Data Reading and Viewing

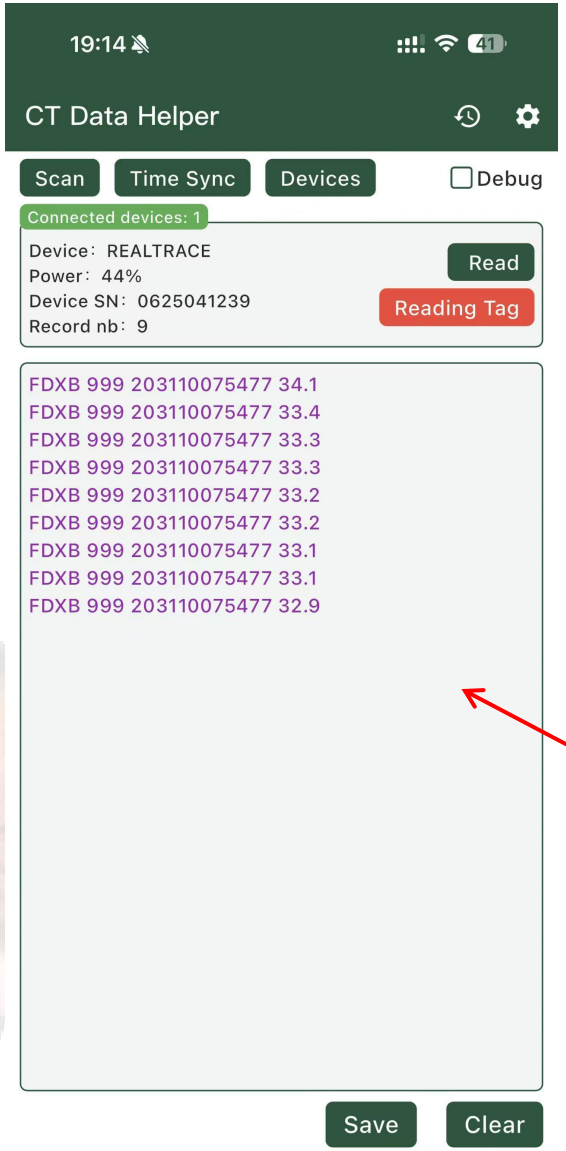


1.·Single Data Reading

Click **Read**

Or use the scanner button

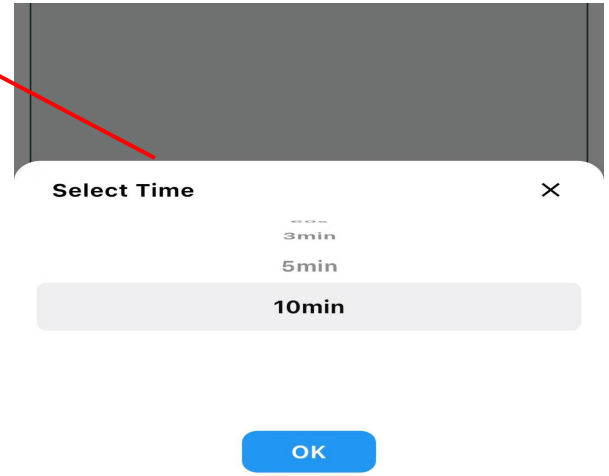
Both can read the chip ID and real-time temperature.



2.Continuous Data Reading Operation

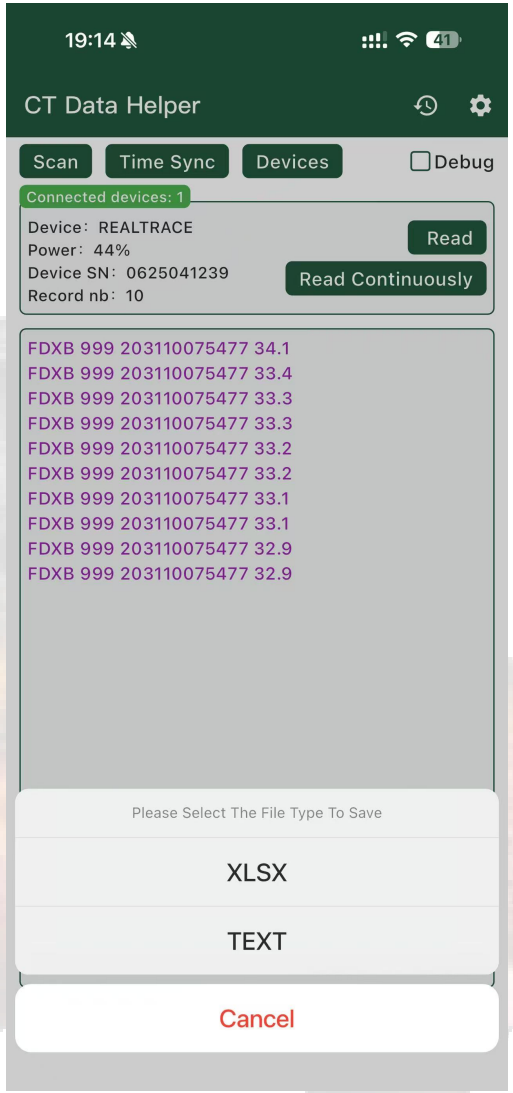
Click **Read Continuously**

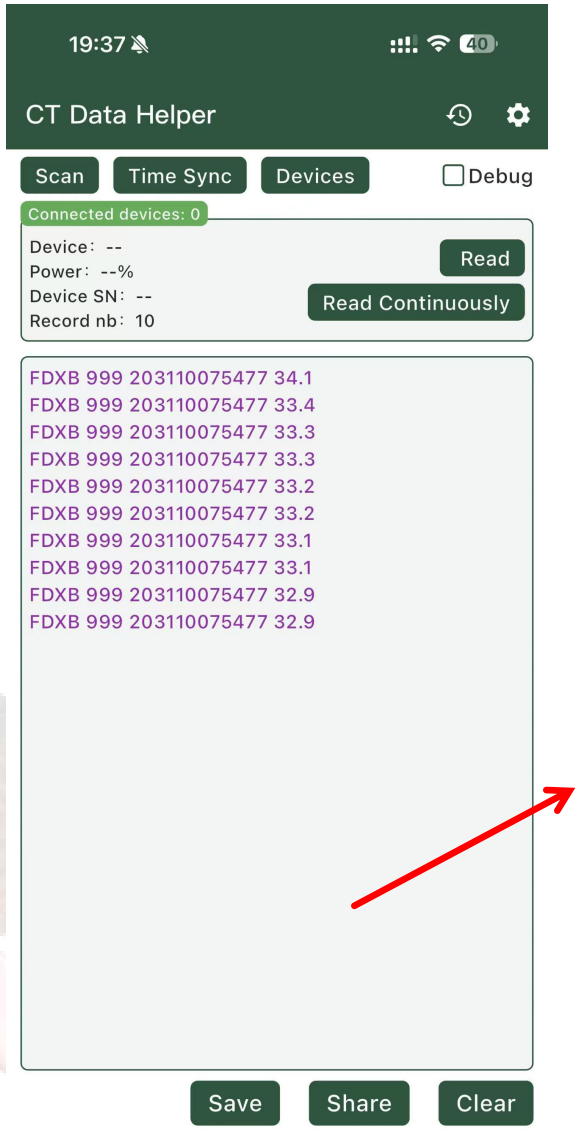
The interval for continuous data reading can be customized according to your needs, with a minimum of 3 seconds and a maximum of 10 minutes. The code/temperature display area will continuously record the data.

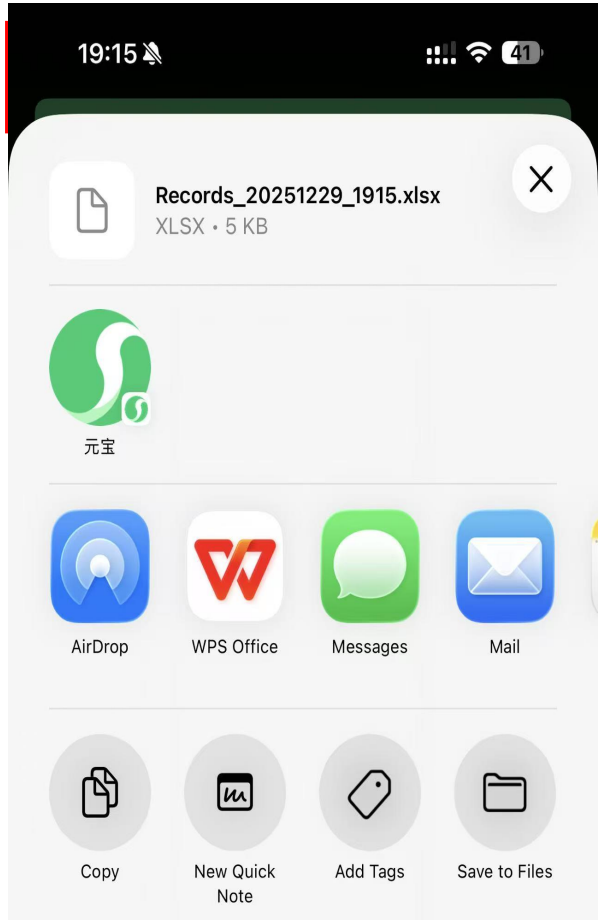


Data Reading and Sharing









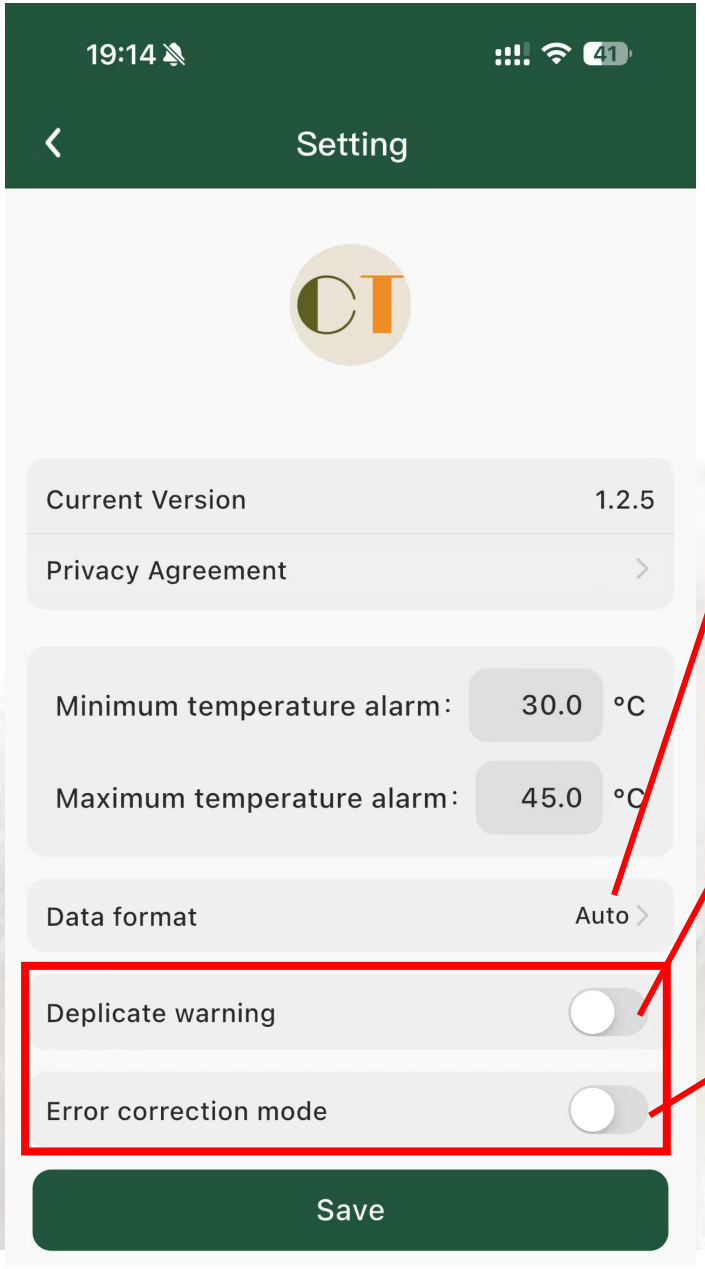
Click **Share**

You can choose the file format for saving according to your requirements.

Click **Share**

Data files can be shared.

Analysis of the Settings Interface



1.Data format：You can set the display format to decimal (DEC) or hexadecimal (HEX) according to your needs.

2.Deplicate warning：With the duplicate reminder enabled, repeatedly read numbers will be marked as duplicates and excluded from storage.

3.Error correction mode：This is because during the reading process, due to poor sensor contact, there is a 1/100 probability of data errors. After selecting the error correction mode, the device will automatically repeat the reading three times. If an abnormal temperature is detected, it will be automatically discarded. For example, if the three readings are 43°C, 37.5°C, and 37.5°C, the software will automatically take 37.5°C as the final value.