

FRESHLIANCE BlueTag T10

Freshliance BlueTag T10 Bluetooth Temperature Data Logger User Manual

Model: BlueTag T10

1. INTRODUCTION

The Freshliance BlueTag T10 is a multi-use Bluetooth temperature data logger designed for automatic monitoring, tracking, and recording of temperature data. It utilizes Bluetooth wireless communication technology to provide real-time data access and historical record management through a dedicated mobile application. This device is suitable for various applications requiring precise temperature monitoring.



Image 1.1: Freshliance BlueTag T10 device and mobile application interface.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Bluetooth Connectivity:** Enables wireless communication with mobile devices for data access.
- **Multi-Use Design:** Suitable for continuous temperature monitoring across various environments.
- **Data Storage & Export:** Stores data and supports export of PDF/CSV reports via the Tkeeper APP.
- **App Data Analysis:** Provides intuitive configuration, management, and analysis of sensor data, including charts and statistical values (Max./Min./Avg./MKT).
- **Remote Data Viewing:** Supports remote data viewing and synchronization online among multiple users from the Cloud.
- **LED Alarm Indicators:** Red/Green lights provide visual status for normal operation or alarm conditions.
- **IP67 Waterproof Grade:** Ensures protection against dust and water immersion.

2.2 What's in the Box

- 1 x BlueTag T10 Data Logger
- 1 x Product Box
- 1 x User Manual

3. SETUP INSTRUCTIONS

Follow these steps for initial setup and device activation:

1. **Download the Tkeeper App:** Search for "Tkeeper" on Google Play Store (for Android) or Apple App Store (for iOS) and install the application on your mobile device.
2. **Power On the Device:** Press and hold the button on the BlueTag T10 device for 5 seconds to power it on and initiate recording.
3. **Add Device in App:** Open the Tkeeper App, log in, and select the option to add a new device. You can scan the QR code on the BlueTag T10 or manually enter its Device ID.
4. **Configure Parameters:** Within the app, configure desired recording parameters such as logging interval, alarm thresholds, and other settings. Save these parameters to the device.
5. **Placement:** Place the BlueTag T10 in the environment where temperature monitoring is required.

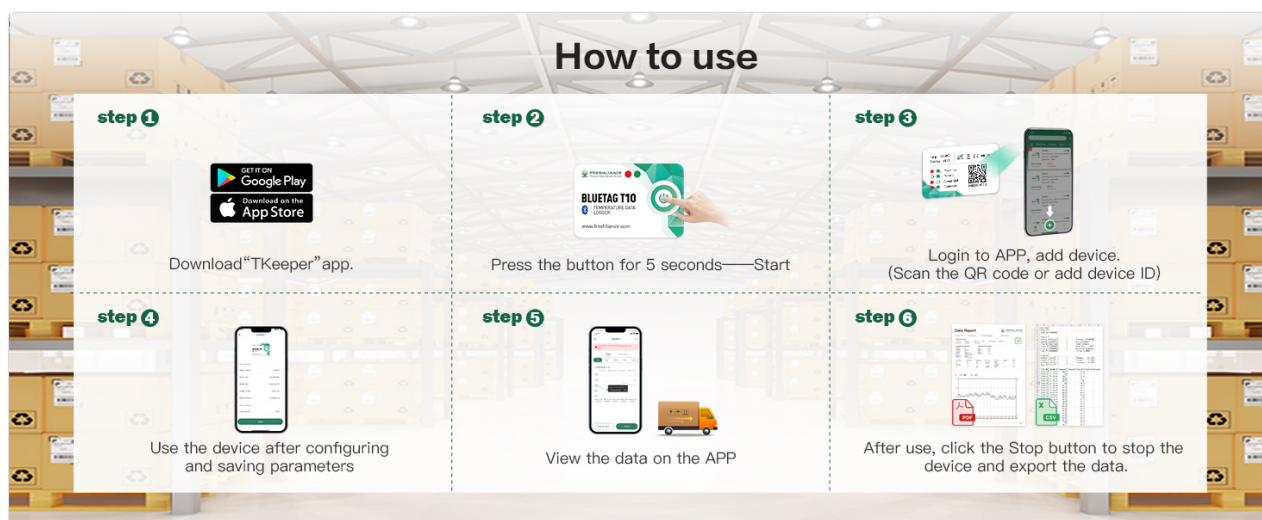


Image 3.1: Step-by-step guide for BlueTag T10 usage.

4. OPERATING INSTRUCTIONS

4.1 Viewing Data

Once the device is active and recording, you can view the collected data through the Tkeeper App:

- Open the Tkeeper App and ensure your BlueTag T10 is connected via Bluetooth.
- Navigate to the device's detailed page to see real-time temperature readings and historical data charts.
- The app allows filtering data by All, Year, Month, Day, or Hour, and automatically analyzes Max./Min./Avg./MKT values.

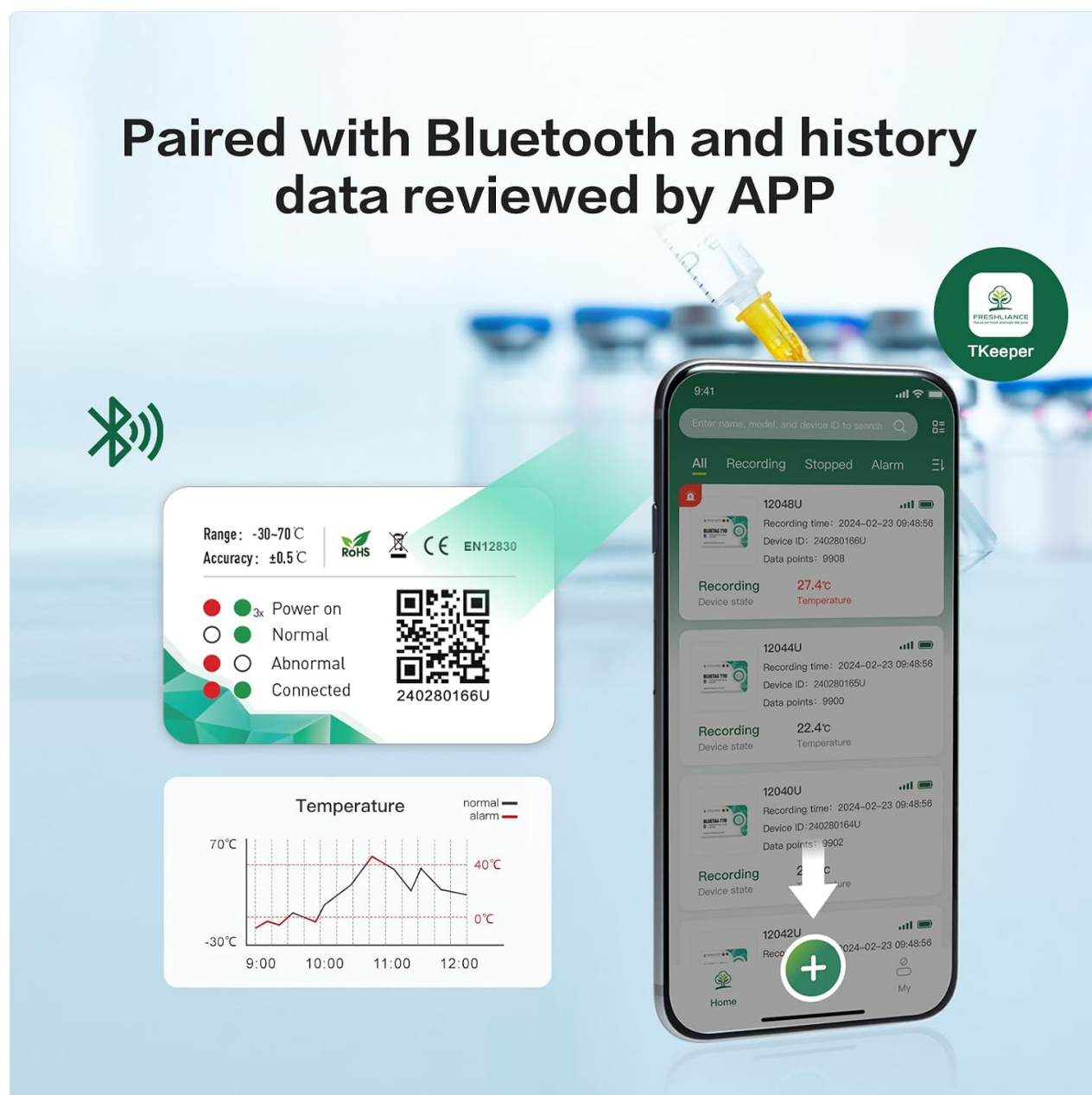


Image 4.1: Viewing paired Bluetooth data and history via the Tkeeper App.

4.2 Data Export and Sharing

The Tkeeper App facilitates data export and sharing:

- After monitoring is complete, stop the device recording via the app.

- Export temporary reports or comprehensive PDF/CSV reports directly from the app.
- These reports can be shared or forwarded via email. PDF reports can include a signature after stopping the device.
- The system offers free 2-year cloud storage for data, enabling remote viewing and synchronization among multiple users.

140+ / Trusted by 140+ Countries Worldwide
10+Million / 10+Million Temperature Data Logger Export Worldwide



Image 4.2: Data storage, filtration, and export process.

5. LED INDICATOR STATUS

The BlueTag T10 features red and green LED indicators to communicate its status:

Indicator Pattern	Status
Red and Green lights flash three times together, then Green light flashes once.	Device powered on with sufficient power.
Red and Green lights flash three times together, then Red light stays on for 5 seconds.	Device powered on with low power.
Red and Green lights flash once together when entering detailed data page of the APP.	Phone successfully connected to the device.
Red light flashes every 30 seconds.	Alarm status.
Red light flashes once when the button is pressed shortly.	Alarm status.
Green light flashes every 30 seconds.	Normal working status.
Green light flashes once when the button is pressed shortly.	Normal working status.

Certification



Image 5.1: LED Indicator guide.

6. APPLICATIONS

The Freshliance BlueTag T10 is versatile and can be used in various environments for temperature monitoring, including but not limited to:

- Refrigerators and Freezers
- Wine Cellars
- Cigar Humidors
- Warehouses and Storage Facilities
- Greenhouses
- Incubators
- Vaccine and Medicine Cabinets
- Laboratories
- Transportation of temperature-sensitive goods



Image 6.1: Diverse applications of the BlueTag T10.

7. SPECIFICATIONS

Feature	Detail
Model Number	BlueTag T10
Product Dimensions	1.9"L x 1.2"W x 0.2"H (4.8cm x 3.0cm x 0.5cm)
Item Weight	7.8 Grams (0.28 ounces)
Material	Copper
Display Type	LED indicator
Battery Type	1 x CR2032 battery (included)
Waterproof Grade	IP67
Certifications	CE, RoHS, FCC, EN12830



Image 7.1: BlueTag T10 demonstrating IP67 waterproof grade.

8. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Battery:** The BlueTag T10 uses a CR2032 battery. For this specific model, the battery is not designed for user replacement. The device is intended for multi-use over its battery life.
- **Storage:** Store the device in a cool, dry place when not in use.

9. TROUBLESHOOTING

- **Device Not Connecting to App:** Ensure Bluetooth is enabled on your mobile device. Make sure the BlueTag T10 is powered on and within range. Try restarting both the device and the app.
- **No Data Recording:** Verify that the device was properly started by pressing the button for 5 seconds and that parameters were configured and saved in the app.
- **Inaccurate Readings:** Ensure the device is placed in an appropriate location, away from direct heat sources or extreme cold that might affect its sensor. Allow sufficient time for the device to stabilize in a new environment.
- **App Issues:** If the Tkeeper App is not functioning correctly, try clearing its cache, reinstalling it, or checking for updates.

10. WARRANTY AND SUPPORT

The Freshliance BlueTag T10 complies with international standards including CE, RoHS, FCC, and EN12830. For technical assistance or support, please contact Freshliance customer service via email or phone. Refer to the product packaging or Freshliance's official website for specific contact details.



LED Indicator

Alarm Normal



Start

Product QR code



Indicator Status

Red light and green light flash three times together, and then green light flashes once.
▶ The device is powered on with sufficient power.

Red light and green light flash three times together, and then red light stays on for 5 seconds.
▶ The device is powered on with low power.

Red light and green light flash once together when entering detailed data page of the APP.
▶ The phone has been successfully connected to the device.

Red light flashes every 30 seconds ▶ Alarm status
Red light flashes once when the button is pressed shortly. ▶ Alarm status

Green light flashes every 30 seconds. ▶ Normal working status
Green light flashes once when the button is pressed shortly. ▶ Normal working status

Image 10.1: Product Certifications.

