



- [Disposable Temperature/Humidity Data Logger](#)
- [Multi Use Temperature/Humidity Data Logger](#)
- [Wireless Temperature Humidity Data Logger](#)
- [Ultra High/Low Temperature Data Logger](#)
- [Time Temperature Indicator](#)
- [External Probes](#)
- [SOLUTIONS](#)
 - [Laboratory and Warehousing](#)
 - [Transportation Logistics](#)
- [COMPANY](#)
 - [About Us](#)
 - [Factory Tour](#)
 - [Certifications](#)
- [SERVICE](#)
 - [Configuration Download](#)
 - [Technical Assistance](#)
 - [Video](#)
 - [API Service](#)
- [NEWS](#)
 - [Industry News](#)
 - [Company News](#)
 - [Successful Cases](#)
 - [Customer Visit](#)
- [CONTACT US](#)
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-  [English](#)
 -  [Español](#)
 -  [Русский](#)
 -  [Français](#)
 -  [Deutsch](#)
 -  [عربي](#)
 -  [中文](#)



- [HOME](#)
- [PRODUCTS](#)
 - [Disposable Temperature/Humidity Data Logger](#)



- [Time Temperature Indicator](#)
- [External Probes](#)
- [SOLUTIONS](#)
 - [Laboratory and Warehousing](#)
 - [Transportation Logistics](#)
- [COMPANY](#)
 - [About Us](#)
 - [Factory Tour](#)
 - [Certifications](#)
- [SERVICE](#)
 - [Configuration Download](#)
 - [Technical Assistance](#)
 - [Video](#)
 - [API Service](#)
- [NEWS](#)
 - [Industry News](#)
 - [Company News](#)
 - [Successful Cases](#)
 - [Customer Visit](#)
- [CONTACT US](#)
- [SHOPPING](#)
-  [English](#)
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 -  [Русский](#)
 -  [Français](#)
 -  [Deutsch](#)
 -  [عربي](#)
 -  [中文](#)

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[HOME](#) > [PRODUCTS](#) > [Wireless Temperature Humidity Data Logger](#) > [4G Real-time Data Logger for Transport](#)





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Fresh Tracker 10 Real-time Temperature, Humidity, Geolocation, Illumination & Shock Tracking

4G Real time monitoring for temperature, humidity, geolocation, illumination and shock

APP and cloud platform for real-time data tracking and processing

Real time positioning on the E-map

Instant email, SMS and APP push alerts

Flight mode

USB port for device charging and local report generation

Buffered temperature probe

[Chat Online](#)

[Leave Message](#)

[Product Brochure](#)

- [Description](#)
- [Software](#)

Introduction

Fresh Tracker 10 is a 4G data logger for real-time temperature, humidity, geolocation, illumination and shock monitoring. The logger records real-time and history data during the whole logistics process and transfers the data to Freshliance Cloud. The geolocation data is provided based on LBS, WiFi or GPS positioning. All data are accessible via mobile APP and cloud platform. Flight mode is configurable for air transport. It is an ideal instrument for logistics and quality control.



Specifications

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	Fresh Tracker 10-S	Fresh Tracker 10	Fresh Tracker-ETU
Type of Use	Single use	Multi use	
Built-in Sensor	-30°C~+70°C, ±0.5°C F.S.		
	0~100%RH, ±3%RH(25°C, 20%~80%RH); ±5% RH(Others)		
Illumination Sensor	Optional		
Shock Sensor	Optional		
External Probe	See the external probe list		
Flight Mode	√		
Positioning Technology	LBS positioning, WiFi and GPS positioning optional		
Local Report	USB Type-C interface to download full trip report		
Memory Capacity	Max. 30,000 readings each probe		
	User configurable		



	Default: Alarm point: 2-8°C; Logging interval: 10 min; Uploading interval: 60min	
Installation	3M adhesive tape, wall mounting	Hook and loop fastener, wall mounting
Dimensions	101mm*60mm*34mm	
Weight	200g (Main device)	
Temperature Units	°C/°F	
Battery Life	Max. 120 days	
Operation System	Web, APP	
Cellular Network	4G (LTE_Cat1) with 2G (optional)	
Battery	Lithium battery 3.0V / 4800mAh, UN38.3 compliant; Non-lithium battery optional	Rechargeable lithium battery 3.7V / 4000mAh, 2 hours to fully recharge (Type-C DC 5V/2A), UN38.3 compliant; Non-lithium battery optional



Probe Type	Measuring Range	Measuring Accuracy
Temperature Probe	-30°C~+70°C	±0.5°C (-30°C~+50°C) ±1.0°C (Others)
	-90°C~+200°C	±0.3°C (-40°C~+100°C) ±0.5°C (-80°C~-40°C; +100°C~+150°C) ±1.0°C (Others)
	-196°C~+200°C	±0.5°C (-100°C~+80°C) ±1.0°C (Others)
Temperature and Humidity Probe	-40°C~+85°C	±0.5°C F.S.
	0-100%RH	±3%RH (25°C, 20%~80%RH) ±5%RH (Others)
Standard cable length: 2m; Customizable length available: 5m, 10m, 15m or 20m.		

Real time monitoring and positioning

The real-time data recorder monitors temperature, humidity, geolocation, illumination and shock in real time and transfers the monitoring data to Freshliance Cloud via 4G network with the configured uploading interval. Particularly, an E-map is provided on both the mobile APP and cloud platform based on configurable LBS base station or GPS service for users to track geolocation in real time.

APP and cloud platform for device control, and data tracking and processing

The 4G wireless data loggers come with two operation terminals, mobile APP and cloud platform., enabling users to remotely configure and control the loggers, and track all monitoring data in real time. Besides, they feature powerful data summarization and processing functions, helping users more in data management and decision making.

Persistent caching during offline mode, and data re-upload after network recovery

The transport real-time data logger will not stop recording and storage during offline mode. And the data that is not successfully uploaded during network failure can be automatically re-uploaded after network recovery.

Real time alarm notification

An alarm will be notified via the LED indicator on the device and remote SMS/Email messages instantly.

Flight mode and other logging parameters configurable

The device can be freely configured. In addition to start delay, logging interval, uploading interval, and alarm settings, etc., flight mode can be also set as needed. If it is set, the device will automatically enter flight mode at the preset start time. In this mode, the device only records data and does not upload data (the 4G module is turned off and there is no network signal). When the end time is up, the device will automatically exit the mode and resume normal operation after

Multi-level administration access optional

Multilevel administration access provides multiple levels of security to customers. As permitted, individuals are responsible for specific aspects during data monitoring, helping customers identify and address issues more quickly and reducing the risk of errors or non-compliance.

Data privacy

Both the APP and web platform are password protected.

Propylene glycol encased temperature probe for vaccine monitoring

It is designed to buffer readings against temporary air temperature shifts caused by opening doors or loading coolers and accurately simulate the thermal changes experienced by products stored in the monitored environment.

It is ideal for vaccines, pharmacies and walk-in coolers, etc.

Applications

Fresh Tracker 10 is a real time temperature and humidity data logger with geolocation, based on IOT platform. It is suitable for the cold-chain logistics and storage of fruits and vegetables, drinks, fresh produce, dairy products, vaccines, etc.

The most important aspect of the cold chain is to control the temperature and humidity within a proper range, so as to maximize product performance and prolong product life cycle. With this logger, the user can remotely get real time temperature and humidity data via our free APP and web platform and take specified corrective actions to minimize the loss.



Ttracker

(Android & iOS supported)

Ttracker is a mobile APP designed for Freshliance Fresh Tracker series. Both Android and iOS versions are available. It supports remote device configuration and control, online data viewing, filtration and analysis, powerful graphing functionality (with the automatically analyzed results of max., min., avg. and MKT value), management of device record, group and template, remote alarm notification via SMS and Email, temporary and final report, and APP settings, etc. As a tool for Freshliance real time data loggers, this APP provides all services worldwide and even provides an E-map for global positioning of Fresh Tracker series. With the E-map, users can quickly identify the geolocation of a specific device, with brief monitoring data and waybill information.

Besides, the APP supports 24/7 data collection & analysis during the transit process, persistent caching during offline mode and data re-upload after network recovery.

On the home page of the APP, users can also visually check the status of all devices added and immediately take precautions.

Online message

Not sure which model is suitable for your application? Send us your requirements—we will recommend the best solution.

* Parts are required. Please fill and then submit.

Name	
E-mail*	E-mail is required.
Country/Region*	Country/Region is required.
Phone	
☐ Fresh Tag 1 ☐ Fresh Tag 1D ☐ Fresh Tag 1U ☐ Fresh Tag 10T ☐ Fresh Tag 10TH ☐	
Thermis Log 1 ☐ Thermis Log 10T ☐ Thermis Log 10TH	
☐ Tagplus-T ☐ Tagplus-TH ☐ Atlas Log ☐ Fresh Keeper 1 ☐ Atlas Pro-TH	
☐ AlertTag T10 ☐ AlertTag T20 ☐ Thermis Tag 1 ☐ Thermis Tag 1E	
☐ BlueTag T10 ☐ BlueTag TH10 ☐ BlueTag TH20 ☐ BlueTag TH30 ☐ BlueTag T/TH100	
☐ COEUS-WIFI/4G ☐ Fresh Tracker 10 ☐ Fresh Tracker 10E ☐ Fresh Tracker 20 ☐ Gateway	
Series ☐ GSP100	
Message content*	Message content is required.
Submit	

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