FRESVUE

Temperature Data Logger Manufacturer

Company Profile

FRESVUE, located in Guangming District, Shenzhen, is a national high-tech enterprise specializing in the R&D, production, and sales of cold chain temperature and humidity recorders. The company provides reliable monitoring solutions for temperature-sensitive products such as fresh food, pharmaceuticals, and chemicals, ensuring quality and safety through advanced sensing and data analysis.

With a core R&D team of over 15 years of industry experience and more than 20 patented technologies, FRESVUE products are certified by CE, ROHS, EN12830:2018, and more. The company has also passed ISO9001, ISO45001, and ISO14001 certifications, upholding quality as its foundation while continuously improving management and service to deliver high-quality products and lasting technical support.

FRESVUE，Your trusted partner!

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NIST Traceable

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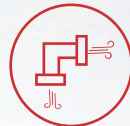
Dual Side Airflow

Global Communication

FRESVUE
Converging Sensing, Connecting The Cold Chain

68.8 %RH

View

Stop Start

ZTAG-30GTH-LI
EXP:07/27(MM/YY)

2507079100

Real Time
www.loggernet.com

ZTAG-30GTH-LI

Single-Use Real-Time Temperature&Humidity Data Logger

Key Features & Advantages

- Independent sensing chamber with dual-side airflow, optimized for fast and accurate temperature and humidity response.
- Equipped with an e-PTFE membrane for waterproof protection and rapid vapor transmission.
- Real-time reporting and alerts for temperature, humidity, light intensity, and location; immediate reporting when thresholds are breached.
- Real-time alerts can be sent via Email or App (Android & iOS).
- Reports can be downloaded via Type-C interface or remotely through the cloud platform.
- Local data storage when offline with automatic re-upload upon reconnection — ensuring no data loss.
- Supports remote parameter configuration, including alert thresholds and battery life adjustment.
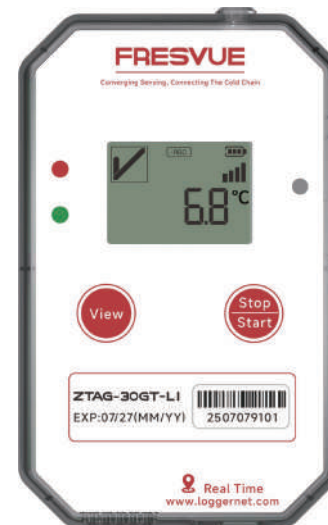
Technical Specifications

Device Type	Single-Use	Resolution	0.1°C / 0.1%RH
Detection Parameters	Temperature, Humidity, Light,Location	SIM Card	Embedded (global data roaming)
Buttons	Two: View and Start/Stop	Battery	3000mAh Lithium Battery
Indicator Lights	Two: Normal and Alarm	Shelf Life	6 months
Communication	Global 4G Cat1 Network	Protection Level	IP64
Logging Capacity	33,000 data points	Dimensions	100mm × 62.5mm × 23mm
Interface	Type-C, for charging and computer communication; direct PDF report output	Certifications	CE, UN38.3, ROHS, EN12830
Battery Life	10–120 days (depends on upload interval)	Positioning	LBS
Measurement Range	Temp: -30°C to 70°C (-22°F to 158°F); Humidity: 0%–100%RH	Temperature Accuracy	±0.5°C @ -10 to 70°C, ±0.8°C @ -30 to -10°C
Light Intensity Range	0–30,000 Lux	Humidity Accuracy	±3%RH @ 20%–80%RH, ±4%RH @ others
Screen Display	Max Temp, Min Temp, Avg Temp, Monitoring Result, Current Temp, Current Humidity, Signal Strength, Recording Status, Battery Level, Open Box Indicator.		

ZTAG-30GT-LI

Single-use Real-Time Temperature Data Logger

Key Features & Advantages

- Built-in TI High accuracy digital sensor, NIST traceable
- Independent sensing cavity, optimized for rapid and precise thermal response
- Real-time reporting and alerts for temperature, light intensity, and location; immediate reporting when thresholds are breached.
- Real-time alerts can be sent via Email or App (Android & iOS).
- Reports can be downloaded via Type-C interface or remotely through the cloud platform.
- Local data storage when offline with automatic re-upload upon reconnection — ensuring no data loss.
- Supports remote parameter configuration, including alert thresholds and battery life adjustment.

Technical Specifications

Device Type	Single-Use	Resolution	0.1°C
Detection Parameters	Temperature, Light,Location	SIM Card	Embedded (global data roaming)
Buttons	Two: View and Start/Stop	Battery	3000mAh Lithium Battery
Indicator Lights	Two: Normal and Alarm	Shelf Life	6 months
Communication	Global 4G Cat1 Network	Protection Level	IP64
Logging Capacity	33,000 data points	Dimensions	100mm × 62.5mm × 23mm
Interface	Type-C, for charging and computer communication; direct PDF report output	Certifications	CE, UN38.3, ROHS, EN12830
Battery Life	10–120 days (depends on upload interval)	Positioning	LBS
Measurement Range	Temp: -30°C to 70°C (-22°F to 158°F);	Temperature Accuracy	±0.5°C
Light Intensity Range	0–30,000 Lux	Screen Display	Max Temp, Min Temp, Avg Temp, Monitoring Result, Current Temp, Signal Strength, Recording Status, Battery Level, Open Box Indicator.

Ultimate Products

Single-Use Dry Ice Temperature Data Logger

One-click Start, Auto Report
Plug in to generate encrypted PDF reports — no software needed.

Clear LCD Status Display
LCD display allows viewing of status, battery and temperature statistics for safe and easy monitoring

Reliable in extremes
Industrial-grade housing with IP65 protection, works from -90°C to 70°C.

Air Transport Compliant
Meets RTCA/DO-160G standards- safe for air shipment even when active.

ZTAG-90T
Single-Use Dry Ice Temperature Data Logger

- This product is a temperature logger , with a temperature range of -90~+70℃;
- This recorder has an LCD display that can view temperature data, making it an ideal choice for temperature monitoring solutions for ultra-low temperature transportation and those that require frequent temperature recording
- It is mainly used to monitor and record the temperature data of food, fresh food, medicine and other products that require dry ice storage during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, and cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 60 Days(1 year storage /60 Days useful life) 5 minutes logging interval
Operation Temperature	-90℃~70℃
Measurement Accuracy	±0.5℃@-10~40℃，±0.8℃@-30~-10℃&40~70℃，±1℃@-90~-30℃
Resolution	0.1℃
Alarm Limit	Up to 4 individually programmable alarm limits（Alarm threshold and over-temperature trigger time can be customized according to customer needs）
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Memory Space	Up to 33,000 points
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP65
Battery Type	3.6V Lithium Battery
Connection	USB2.0
Weight	30g
Dimensions	105*40*10mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

ZTAG Series

Single-Use Temperature&Humidity Data Logger

Simple and easy to use

The parameters are pre-configured at the factory. You only need to start it with one click and then place it in the target package to monitor the temperature of the environment, which is convenient and efficient.

Non-Drive Report

Automatically generate comprehensive and authoritative report that can clearly trace cold chain transportation and food preservation conditions.

Complies with EN12830

Complies with EN12830:2018 (for the transport, storage and distribution of refrigerated, frozen, deep-frozen and quick-frozen food or other goods)

Thin and light design

As thin and light as a label, it can be easily attached to cold chain logistics

Air Freight Compliance

Complies with RTCA/DO-160G environmental conditions and test procedures for airborne equipment, qualified for air shipment in active status.

ZTAG-T

Single-Use Temperature Data Logger

- The logger has an LCD display that can view temperature data. The parameters are pre-configured and can be started after one-click.It can measure and record the temperature data of fresh food, medicine and other products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C@-10~40°C，±0.8°C@-30~-10°C&40~70°C
Resolution	0.1°C
Alarm Limit	Up to 4 individually programmable alarm limits（Alarm threshold and over-temperature trigger time can be customized according to customer needs)
Logging Interval	1 minute -24 hours optional（Default 5 minutes)
Memory Space	Up to 33,000 points@Single PDF/CSV report，25,000 Points @PDF&CSV report
Start Delay	0 minute -24 hours optional（Default 10 minutes)
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Weight	30g
Dimensions	105*40*10mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

ZTAG-TH

Single-Use Temperature&Humidity Data Logger

- The logger has an LCD display, which allows you to view temperature and humidity data. The parameters are pre-configured and can be started after one click
- It is mainly used to monitor and record the temperature and humidity data of vegetables, fruits, meat and other fresh products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~70°C (0-100%RH)
Measurement Accuracy	±0.5°C (±3%RH@20-80%RH,±4%RH@other）
Resolution	0.1°C (0.1%RH)
Alarm Limit	Up to 4 individually programmable alarm limits（Alarm threshold and
	over-temperature trigger time can be customized according to customer needs）
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Memory Space	Up to 25,000 points@Single PDF/CSV report，18,000 Points @PDF&CSV report
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Weight	30g
Dimensions	105*40*10mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

ZTAG-TL

Single-Use Temperature&Light Data Logger

- The logger has an LCD display, which allows you to view temperature data and light mutation marker. The parameters are pre-configured and can be started after one click
- It is mainly used to monitor and record the temperature and light data of vegetables, fruits, meat and other fresh products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc.

Technical parameter

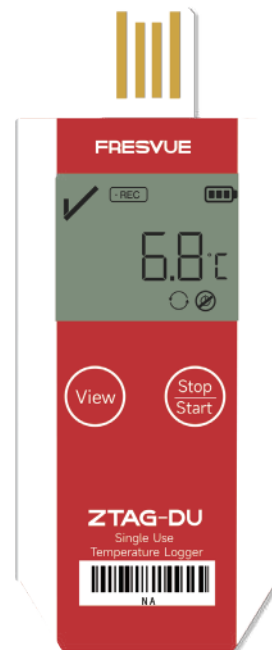|	
Battery life	Up to 90 Days(1 year storage / 90 Days useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~70°C　　　(0-100%RH)
Measurement Accuracy	±0.5°C@-10~40°C，±0.8°C@-30~-10°C&40~70°C
Resolution	0.1°C
Alarm Limit	Up to 4 individually programmable temperature alarm limits
	Up to 9 light mutation markers
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Memory Space	Up to 33,000 points（temperature）
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Weight	30g
Dimensions	105*40*10mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

ZTAG-DU

Single-Use Temperature Data Logger

- This logger has an LCD display that allows you to view temperature data.
- It adopts food-grade composite bags and is completely waterproof. With one click, it can monitor and record the temperature data of fresh food, especially seafood, during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, etc.

Technical parameter

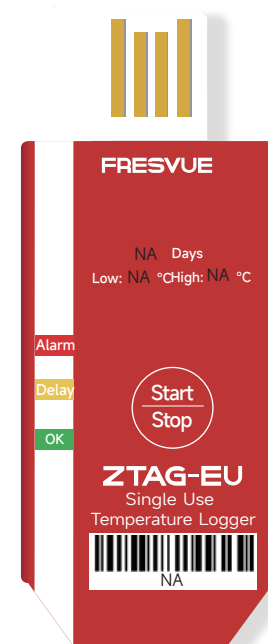|	
Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C@-10~40°C，±0.8°C@-30~-10°C&40~70°C
Resolution	0.1°C
Alarm Limit	Up to 2 individually programmable alarm limits（Alarm threshold and over-temperature trigger time can be customized according to customer needs）
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Memory Space	Up to 33,000 points@Single PDF/CSV report，25,000 Points @PDF&CSV report
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP67
Battery Type	3.0V CR2032
Connection	USB2.0
Weight	23g
Dimensions	85*34*7.5mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

ZTAG-EU

Single-Use Temperature Data Logger

- As a cost-effective recording tag, it uses a food-grade composite bag and is completely waterproof. After one-click activation, it can be placed in the target monitoring environment to monitor and record the temperature data of fresh food, medicine and other products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc.

Technical parameter

LED Indicator	Green（Recording，OK），Red（Alarm），Yellow（Start Delay）
Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C@-10~40°C，±0.8°C@-30~-10°C&40~70°C
Resolution	0.1°C
Alarm Limit	Up to 2 individually programmable alarm limits（Alarm threshold and over-temperature trigger time can be customized according to customer needs）
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Memory Space	Up to 33,000 points@Single PDF/CSV report，25,000 Points @PDF&CSV report
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Report Format	PDF/CSV/PDF&CSV(Optional, configured before leaving the factory)
IP Grade	IP67
Battery Type	3.0V CR2032
Connection	USB2.0
Weight	20g
Dimensions	70*33*7mm
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

FRESVUE

NA Days
Low: NA °C High: NA °C

Alarm
Delay
OK

Start
Stop

ZTAG-EU
Single Use
Temperature Logger

NA

ZTAGPRO-EU

Single-Use Temperature Data Logger

New Feature

- Beautiful and compact appearance
- Double buttons to better avoid misoperation
- High-strength plastic shell to avoid bumps and mis-touch during transportation
- Ultra-low power consumption to ensure the reliability of long-distance transportation monitoring

Technical Specifications

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Sensor Type	NTC
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C@-10~70°C，±0.8°C@-30~-10°C
Resolution	0.1°C
Memory Space	Up to 33,000 points
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Start Delay	0 minute -24 hours optional（Default 15 minutes）
Buttons	Two，Start and Stop
Start Mode	Manual start
Alarm Limit	Up to 4 individually programmable alarm limits
Report Format	PDF/CSV/PDF&CSV optional（Default PDF&CSV）
Configuration	Web
IP Grade	IP67
Battery Type	3.0V CR2032
Connection	USB2.0
Certification	CE，EN12830:2018，RoHS

ZLOG Series

Multiple Use Temperature&Humidity Data Logger

Online Configuration

No need to install software, you can configure recording parameters, compatible with all platforms

LED Indication

Regular self-check and dim light prompts allow, you to know the recording status even in the dark.

Smart Analyzing

By analyzing the best storage temperature, humidity and storage time of various foods, you can obtain the best recording parameters just by selecting the category.

Non-Drive Report

Automatically generate comprehensive and authoritative report that can clearly trace cold chain transportation and food preservation conditions.

Complies with EN12830

Complies with EN12830:2018 (for the transport, storage and distribution of refrigerated, frozen, deep -frozen and quick-frozen food or other goods)

Ultra-wide-angle Display

Use HTN LCD screen, you can clearly view recorded information.

ZLOGPRO-30TH

Multi-Use Temperature&Humidity Data Logger

New Feature

- Built-in Sensirion 4th Gen. digital sensor with fast response time
- Independent sensing cavity with dual-side airflow, optimized for rapid and precise temperature and humidity response
- Equipped with e-PTFE membrane for waterproof protection and fast vapor transmission
- Supports Manager Desktop, easy data comparative analysis
- Supports mark events

Technical Specifications

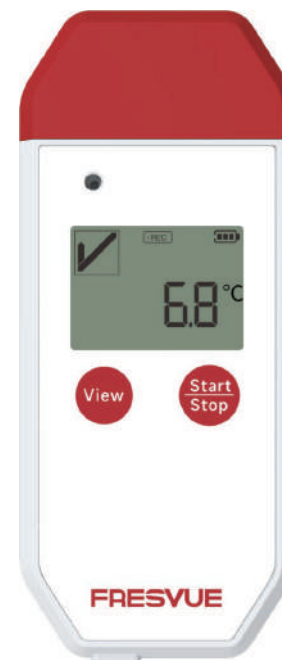|	
Battery life	Up to 2 years(1 year storage / 1 year useful life)@25℃,5 minutes logging interval
Sensor Type	Sensirion Digital Sensor
Operation Temperature	-30℃~70℃ （0-100%RH）
Measurement Accuracy	±0.5℃@-10~70℃, ±0.8℃@-30~-10℃ (±3%RH@20-80%RH,±4%RH@other）
Resolution	0.1℃ （0.1%RH）
Memory Space	Up to 33,000 points
Logging Interval	1 minute -24 hours optional（Default 5 minutes）
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
Alarm Limit	Up to 4 individually programmable alarm limits
Report Format	PDF/CSV/PDF&CSV optional（Default PDF&CSV）
Configuration	Web & Desktop Software
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Certification	CE，EN12830:2018，RoHS

ZLOGPRO-30XT

Multi-Use High Accuracy Temperature Data Logger

New Feature

- Built-in TI High accuracy digital sensor, NIST traceable
- Independent sensing cavity, optimized for rapid and precise thermal response
- Supports Manager Desktop, easy data comparative analysis
- Supports marker events

Technical Specifications

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Sensor Type	TI High Accuracy Sensor（NIST Traceable)
Operation Temperature	-30°C~70°C （0-100%RH)
Measurement Accuracy	±0.3°C@-30~70°C
Resolution	0.1°C （0.1%RH)
Memory Space	Up to 33,000 points
Logging Interval	1 minute -24 hours optional（Default 5 minutes)
Start Delay	0 minute -24 hours optional（Default 10 minutes)
Start Mode	Manual start
Alarm Limit	Up to 6 individually programmable alarm limits
Report Format	PDF/CSV/PDF&CSV optional（Default PDF&CSV)
Configuration	Web & Desktop Software
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Certification	CE，EN12830:2018，RoHS

ZLOG-T

Multi-Use Temperature Data Logger

- This product is a multi-use, configurable, and battery-replaceable temperature data logger.
- This logger has an LCD Screen that allows you to view temperature data. It is mainly used to monitor and record the temperature data of food, fresh produce, medicine, and other products during storage and transportation.
- It is widely used in aspects of warehousing and logistics cold chains, such as refrigerated containers, refrigerated trucks, refrigerated bags, cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25℃,5 minutes logging interval
Operation Temperature	-30℃~70℃
Measurement Accuracy	±0.5℃@-10~40℃，±0.8℃@-30~-10℃&40~70℃
Resolution	0.1℃
Alarm Limit	Up to 6 individually programmable alarm limits
Memory Space	Up to 33,000 points@Single PDF/CSV report，25,000 Points @PDF&CSV report
Logging Interval	1 minute -24 hours optional，Default 5 minutes
Start Delay	0 minute -24 hours optional，Default 10 minutes
Start Mode	Manual/Auto start
Report Format	PDF/CSV/PDF&CSV(optional)
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Dimensions	102.5*40*13.5mm
Weight	35.6g
Certification	CE，EN12830:2018，RoHS，

ZLOG-TH

Multi-Use Temperature&Humidity Data Logger

- This product is a multi-use, configurable, battery-replaceable temperature & humidity data logger
- This Logger has an LCD display that can view temperature and humidity data. It is mainly used to monitor and record the temperature and humidity data of vegetables, fruits, meat and other fresh products during storage and transportation.
- It is widely used in aspects of warehousing and logistics cold chains, such as refrigerated containers, refrigerated trucks, refrigerated bags, cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 2 years(1 year storage/1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-30°C~+70°C　(0-100%RH)
Measurement Accuracy	±0.5°C　　　(±3%RH@20-80%RH,±4%RH@other）
Resolution	0.1°C　　　(0.1%RH)
Alarm Limit	Up to 6 individually programmable alarm limits
Memory Space	Up to 25,000 points@Single PDF/CSV report，18,000 Points @PDF&CSV report
Logging Interval	1 minute -24 hours optional，Default 5 minutes
Start Delay	0 minute -24 hours optional，Default 10 minutes
Start Mode	Manual/Auto start
Report Format	PDF/CSV/PDF&CSV(optional)
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Dimensions	102.5*40*13.5mm
Weight	35.6g
Certification	CE，EN12830:2018，RoHS

ZLOGPro-50T

Multi-Use Temperature Data Logger

- This product is a multi-use, configurable, battery-replaceable temperature logger with an external probe, with a temperature range of -50~+70°C;
- This recorder has an LCD display that can view temperature data, making it an ideal choice for temperature monitoring solutions for ultra-low temperature transportation and those that require frequent temperature recording.
- It is mainly used to monitor and record the temperature data of food, fresh food, medicine and other products that require dry ice storage during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, and cold storage, laboratories, etc.

Technical parameter

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25°C，5 minutes logging interval
Operation Temperature	-50°C~70°C(Probe only)
Measurement Accuracy	±1°C@-50~-10°C&40~70°C，±0.5°C@-10~40°C
Resolution	0.1°C
Alarm Limit	Up to 6 individually programmable alarm limits
Memory Space	Up to 33,000 points@Single PDF/CSV report，25,000 Points @PDF&CSV report
Logging Interval	1 minute -24 hours optional，Default 5 minutes
Start Delay	0 minute -24 hours optional，Default 10 minutes
Start Mode	Manual/Auto start
IP Grade	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Dimensions	109.5*40*13.5mm
Weight	41.4g
Certification	CE，EN12830:2018，RoHS

ZTAG Series

Single-Use Temperature Indicator

Simple and easy to use

The parameters are pre-configured at the factory. You only

need to start it with one click and then place it in the target environment to monitor the temperature of the environment, which is convenient and efficient.

Long Battery-Life

Using ultra-low power consumption chip, up to 2 years of standby time

Low Cost

The extremely efficient design realizes temperature monitoring with

ultra-high cost performance and minimizes cold chain costs.

Air Freight Compliance

Complies with RTCA/DO-160G environmental conditions and test procedures for airborne equipment, qualified for air shipment in active status.

ZTAG-E

Single-Use Temperature Indicator

- This product is a disposable temperature indicator with an extremely simple design and high cost performance. It also uses a food-grade composite bag and is completely waterproof.
- After breaking off the starter strip and starting it, place it in the target monitoring environment to monitor the temperature conditions of fresh food, medicine and other products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc

Technical parameter

LED Indicator	Green（Recording，OK），Red（Alarm）
Battery life	Up to 3 years (1 year storage/2 year useful life)@25°C
Operation Temperature	-30°C~70°C
Measurement Accuracy	±0.5°C@-10~40°C，±0.8°C@-30~-10°C&40~°C70
Monitor Interval	1 minute -24 hours optional（Factory configurable）Default 5 minutes
Alarm Limit	Up to 2 individually programmable alarm limits（The default is 2-8°C, the delay alarm threshold and delay alarm time can be customized）
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Break off the starter strip to start
IP Grade	IP67
Battery Type	3.0V CR2032
Packing	Food grade composite bag
Dimensions	50*26*5mm
Weight	5.7g
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS

Break it open to start

High
Ok
Low

FRESVUE

ZTAG-E
Single USE
NA Days
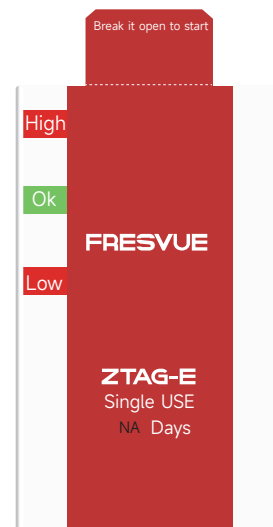
ZTAG-D

Single-Use Temperature Indicator

- This product has an LCD display that can view current monitoring data in real time.
- It adopts food-grade composite bags and is completely waterproof. After one-click activation, it can be placed in the target monitoring environment to monitor the temperature conditions of fresh food, medicine and other products during storage and transportation.
- It is widely used in all aspects of warehousing and logistics cold chain, such as refrigerated containers, refrigerated trucks, refrigerated packages, cold storage, laboratories, etc

Technical parameter

Battery life	Up to 2 years(1 year storage / 1 year useful life)@25℃，5 minutes monitor interval
Operation Temperature	-30℃~70℃
Measurement Accuracy	±0.5°C@-10~40℃，±0.8°C@-30~-10℃&40~°C70
Resolution	0.1℃
Alarm Limit	Up to 4 individually programmable alarm limits（Alarm threshold and over-temperature trigger time can be customized according to customer needs）
Monitor Interval	10 seconds -24 hours optional（Default 1 minutes）
Start Delay	0 minute -24 hours optional（Default 10 minutes）
Start Mode	Manual start
IP Grade	IP67
Battery Type	3.0V CR2032
Packing	Food grade composite bag
Dimensions	62*36*8mmmm
Weight	13.5g
Certification	CE，EN12830:2018，RTCA/DO-160G，RoHS
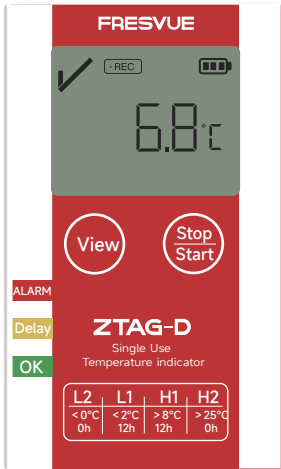
ZM-BR

Digital Brix Meter

- Large display provides clear readings at a glance, making it convenient, fast, and accurate.
- Accurate measurements with high-precision sensors.
- Durable, the sample chamber is made of alloy and features a precision glass bottom. A light-shielding cover can be installed when not in use.
- Automatic environmental compensation eliminates measurement errors based on ambient temperature changes.

Technical parameter

Measuring range	0.0-55%Brix
Graduation	0.1Brix/0.1C
Accuracy	±0.2Brix/1°C
Temperature compensation	10-80°C
Using environment	10-40°C
Sample size	>0.2ml (3-5) drops
Measurement time	≈3S
Power supply	Rechargeable lithium battery
Accessories	Data cable, dropper

Converging Sensing, Connecting The Cold Chain