



“

HELLO

Everyone is looking forward to it

”

5G



Glog 5G

NEW PRODUCT LAUNCH

DIGITAL ASSISTANCE:

reducing costs, increasing efficiency, and reducing losses

Elitech Data Logger
Safety and Freshness can be Seen

2024
3 / 12

O PRODUCT PART

▶ PRODUCT INTRODUCTION

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SINGLE USE REAL TIME DATA LOGGER

Glog 5G adopts multi-source sensing technology (Standard Sensor: temperature(Built in), Illumination, shock, Location(LBS+GPS(optional))); Optional Sensor: humidity, pH value, CO2 value, -196 °C ultra-low external temperature sensor), mainly used in food cold chain, harvest management, cold chain logistics market, insulation box matching, and life science market. Based on the cold cloud platform and through the 4G Internet, it provides a digital solution of full process data visualization and lake tracing. Effectively prevent risks throughout the entire cold chain process, ensuring the safety and compliance of goods and the supply chain. Assist suppliers and operators in seamless integration and improve operational efficiency. Reduce unnecessary waste of goods and their impact on the environment, and build a global green future!





Real-time Cold Chain Monitoring Solution

APPLICATION MANAGEMENT



Device management



User management



Early warning management



Data visualization



Organizational management



Waybill management

DATA SUPPORT

HBASE

Temporal database

MySQL

Temporal database

Redis

Cache

Kafka

Message queue

HDFS

File system

Device type
Device parameters
Real-time monitoring

Alarm rules
Warning rules
Message templates

Equipment alarm
Equipment warning
Equipment map

Firmware upgrade
Data storage
Device sharing



Temperature /Humidity



Illumination



Shock



Location



PH value



CO₂ value



-196°C
Ultra-low external

MULTI-SOURCE SENSING



Air Freight



Sea Freight



Refrigerated Trucks



Refrigerated containers



Container

► THE THREE CORE VALUES OF THE SOLUTION



Safety and compliance

Transparent and traceable data throughout the entire process, preventing cold chain



Sustainable development of supply chain

Reduce unnecessary waste of goods and their impact on the environment and build a global green future



Sustainable development of supply chain

The integrity of data throughout the entire process of the Internet of Things helps



▶ PRODUCT SELLING POINTS

01 Multi-Source Sensing



Standard Sensor

Temperature Illumination Shock Location (LBS+GPS(optional))

Humidity PH value CO₂ value
Ultra-low external temperature sensor

Optional Sensor

02 Shadow Data

Equipment forgotten to turn on or mistakenly stopped, passively recording data to ensure data integrity



03 Mis-opening Design

It can be opened up to 3 times during the shelf life, Reduce the risk of misoperation

3 TIMES

04 Flight mode / Electronic Fence

Custom area auto enable



05 Report Export (PDF+CSV)

No computer software required to generate data reports



► MULTI-SOURCE SENSING (DIFFERENTIATION)

Standard Sensor



Temperature
(Internal)



Illumination



Shock



Location
(LBS+GPS(optional))



Optional Sensor

Humidity



PH Value



CO2 Value



-196°C
Ultra-low external
temperature sensor



▶ SHADOW DATA

Equipment forgotten to turn on or mistakenly stopped, passively recording data to ensure data integrity



▶ MIS-OPENING DESIGN

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3



*When you accidentally open
it, You have 3 opportunities
for fault tolerance*

*It can be opened up to 3 times
during the shelf life, Reduce the
risk of misoperation*

TIEMES



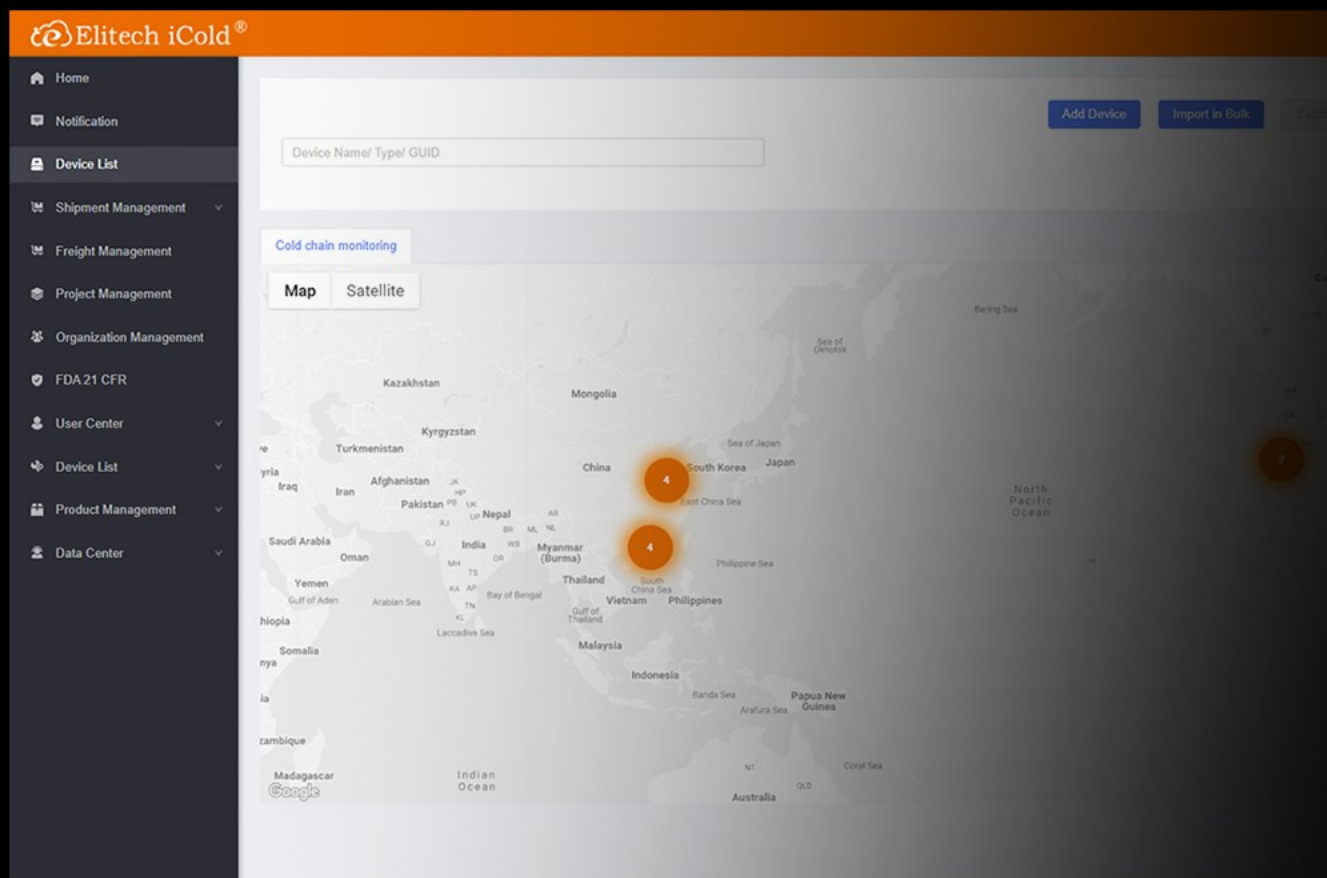
FLIGHT MODE/ELECTRONIC FENCE



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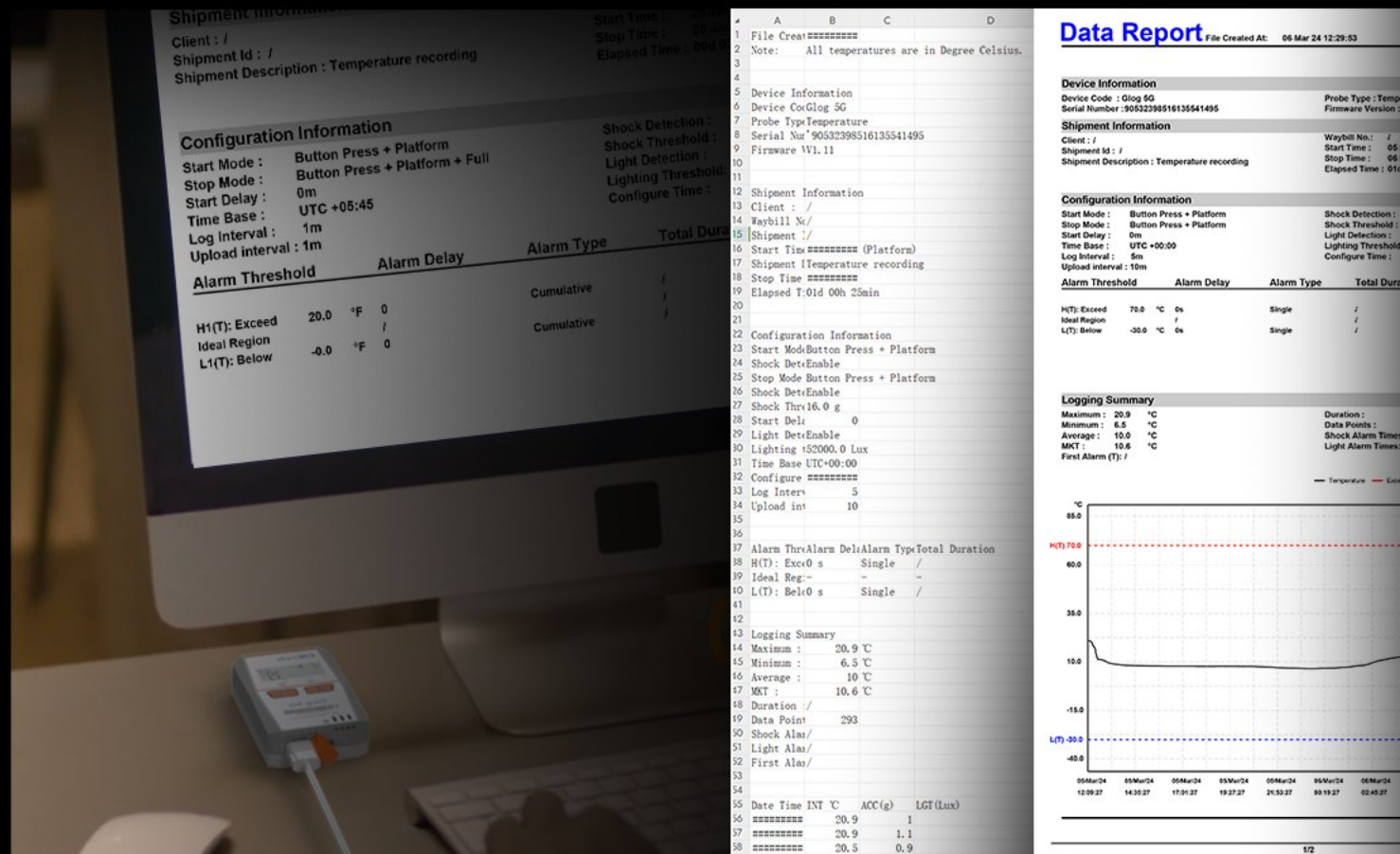
Custom area auto enable

1. Manual activation 2. Timed activation 3. Electronic fence



REPORT EXPORT (PDF+CSV)

No computer software required to generate data reports



▶ PRODUCT SELECTION TABLE

Model	Glog 5G T Accepted	Glog 5G TH Accepted	Glog 5G TLE Accepted	Glog 5G TE Not Accepted	Glog 5G THE Not Accepted
Sensor type	Internal temperature Illumination+Shock +Location	Internal temperature and humidity+Illumination +Shock+Location	Internal temperature+external ultra-low temperature+ Illumination+Shock+Location	Internal temperature+ external temperature+ Illumination+Shock+ Location	Internal temperature+external temperature and humidity Illumination+Shock+Location
Measuring range	-30°C ~ 70°C	-30°C~ 70°C	Internal: -200°C~150°C External: -30°C~70°C	Internal: -40°C~85°C External: -30°C~70°C	Internal: -40°C~85°C External: -30°C~70°C
Temperature accuracy	±0.5°C	±0.5°C	±0.5°C(-40~85°C) ±1°C(-100~150°C) ±2°C(other)	±0.5°C	±0.5°C
Moisture measurement range	/	0%RH~100%RH	/	/	0%RH~100%RH
Humidity accuracy	/	±5%RH	/	/	±5%RH

PRODUCT DEFAULT PARAMETER TABLE

Parameter Items	Default Value
Record interval	5 minutes
Upload interval	60 minutes
Temperature upper and lower limits	Internal: -30 °C~70 °C; External: -40 °C~85 °C; Ultra low temperature: -200 °C~150 °C
Upper and lower limits of humidity	0% RH~100% RH
Upper and lower limits of illumination	Enable/0~52000Lux
Acceleration upper and lower limits	Enable/16g
time zone	0 time zone
Report language	English
On screen time	15S
Flight mode activation method	Key switch
Opening method	Button+platform enable
Stop method	Platform+Full Stop
Temperature unit	°C
Heartbeat cycle	60 minutes
Alarm delay	0
Alarm type	Monotypic

▶ PRODUCT SELECTION TABLE

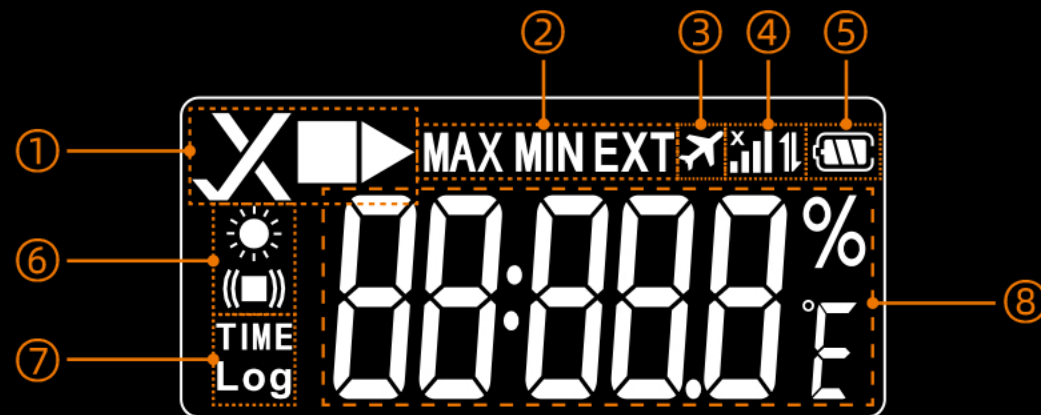
Parameter		Parameter	
Acceleration measurement range	0g-16g	Display screen	Broken code display screen
Light intensity Range	0-52000Lux	Indicator light	Red green, red blue LED indicator lights
Resolving power	0.1 °C / 0.1% RH/0.1g/1Lux	Keys	Double button
Record interval	1 minute to 24 hours; Default: 5 minutes	Record opening method	Keys, platform, timing
Upload interval	5min~24h; Default: 60 minutes	Record stop method	Button, platform, full memory
Storage capacity	32000 records	Repeated start	3 times (within shelf life)
Shadow data	Front+Rear	Flight mode	Button, timing, electronic fence
Alarm mode	Over limit, low battery	Waterproof level	IP65 (built-in)
Alarm method	Screen display+LED	OTA upgrade	Software/Platform (Batch Upgrade)
transmission mode	4G+2G	Work environment	-30 °C~70 °C, 0% RH~100% RH (non condensing)
Positioning method	LBS+GPS (optional)	Storage environment	15-30 °C, 20-75% RH
Battery type	Disposable lithium manganese battery 3.0V, 4800mAh	Dimension	103 x 61.3 x 30 (mm)
Battery life	Record interval: 5min Upload interval: 60min		
	>15 °C: 150d 0 °C~15 °C: 120d -15 °C~0 °C: 100d -30 °C~-15 °C: 90d		

▶ PRODUCT FUNCTION INTERFACE



Product Appearance

- | | | |
|-----------------------|---------------------|--------------------------|
| ① Back hanging hole | ⑤ Serial number | ⑨ Activate/airplane mode |
| ② LCD display screen | ⑥ Light sensor | ⑩ External sensor |
| ③ LED indicator light | ⑦ Data transmission | |
| ④ Start/stop button | ⑧ Internal sensor | |



LCD Main Screen

- | | | |
|-----------------------|--------------------------|------------------------------|
| ① Working mode | ④ Connection Status | ⑦ Recording time/records |
| ② Function indication | ⑤ Battery status | ⑧ Temperature/humidity value |
| ③ Airplane mode | ⑥ Light/shock indication | |

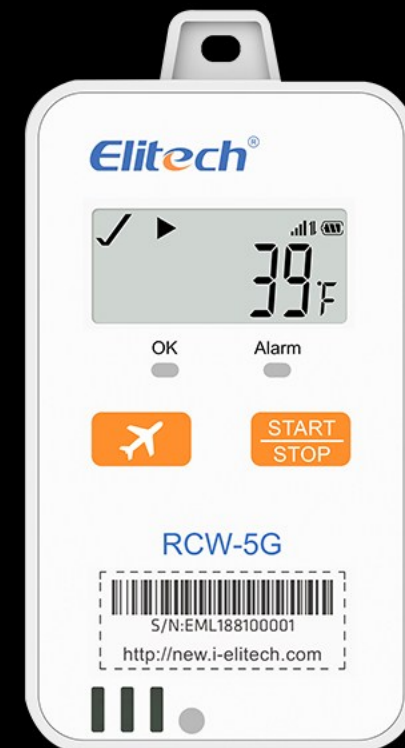
▶ PRODUCT DESIGN



LOGET SERIES



TLOG SERIES



RCW-360 SERIES

▶ PRODUCT CERTIFICATION



UN38.3 Completed

FC To be mailed

DO-160 Certification in progress / expected to be completed by March 20th

CE Certification in progress / expected to be completed by March 30th



Certification in progress / expected to be completed by March 30th