



200, 201

Single-Use Temperature
Data Loggers

Freshness Delivered. Safety Logged.

**Simple, precise, and economical confidence in every
crate, cooler, and case.**

Perishable goods like dairy, meat, and produce demand strict temperature control. Across every mile and minute, RTEL 200/201 Temperature Data Loggers from RTE safeguard your cargo, your customers, and your reputation—tracking temperature and excursions from farm to shelf. Monitor and record critical temperature details throughout transit.

Choose the model with or without a display. Get time-stamped readings and share secure PDF and/or CSV reports. Trusted by grocery food safety teams.



Simple to Use

One-touch start/stop
USB / Plug n' Play



Programmable

Customize alarm & start
delay settings



High Capacity

Up to 33,000 time-
stamped data points



Wide Temp Range

-30°C—70°C
(-22°F—158°F)



Waterproof

Shielded within a food-
grade composite bag



3-Point NIST

Traceable calibration
ensures accuracy

For over 40 years, RTE has pioneered temperature monitoring in refrigerated transport—including RTEL, the industry's first digital data logger for perishable shipments, launched in 1994.

RTE

Technical Specifications



RTEL 200

Single-Use
Temperature Logger

- ✓ Cost-effective
- ✓ Easy to use
- ✓ Reliable



RTEL 201

Single-Use
Temperature Logger
with LCD Display

- ✓ Check Min, Max, Avg Temp during transit
- ✓ View screen at any angle
- ✓ Perfect for multi-stop logistics

RTEL 200

Notification Type

LED - Green (recording, normal), Red (alarm),
Yellow (Start Delay)

Battery Life

up to 2 years (1yr storage / 1yr in-use life) @ 25°C & 5

Shelf life = 2 years, 180 days @ 25°C and 5 min

min logging interval

logging interval

Measurement Range

-30 °C ~ 70 °C

-30 °C ~ 70 °C

Measurement Accuracy

± 0.5°C @-10~40°C, ± 0.8°C @-30 ~-10°C & 40~70°C

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Resolution

0.1°C

0.1°C

Alarm Limits

One High / One Low (customizable alarm delays)

One High / One Low (customizable alarm delays)

Logging Interval

1 minute - 24 hours

1 minute - 24 hours

Start Delay

0 minutes - 24 hours

0 minutes - 24 hours

Start Mode

Manual Start

Manual Start

IP Rating

IP67

IP67

Battery Type

3.0V CR2032

3.0V CR2450

Connection

USB2.0

USB2.0

Dimensions

70x33x7mm

85x34x7.5mm

Weight

20g

23g

Product Certifications

CE, EN12830:2018, RTCA/DO-160G (Aviation Safety Directive), RoHS, Original Factory Validation 3-point

Calibration (AQL 0.25) GB/T 35145-2017

Other Solutions

RTEL 205

Single-use
Temperature Data
Logger

Durable hard-case
design with temperature
monitoring and four
alarm setpoints.



RTEL 215

Single-use
Temperature-Humidity
Data Logger

Durable hard-case
design with temperature
& RH monitoring and
four alarm setpoints.



**Request a sample
logger today.**

Because compliance starts with
confidence.

RTE