

RTEL

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	RTEL 201
Notification Type	LED - Green (recording, normal), Red (alarm), Yellow (Start Delay)	LCD Display - Recording, OK/Alarm, Start Delay, Avg/Max/Min Temperatures
Battery Life	up to 2 years (1yr storage / 1yr in-use life) @ 25°C & 5 min logging interval	Shelf life = 2 years, 180 days @ 25°C and 5 min 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	± 0.5°C @-10~40°C, ± 0.8°C @-30 ~-10°C & 40~70°C
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

R*TEL 205

Single-use
Temperature Data
Logger

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



R*TEL 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