



The proof you need
starts here.

A simple, precise, and economical solution for temperature-sensitive cold-chain viability across industries.

R-TEL 200/201 Temperature Data Loggers from RTE deliver cost-effective peace of mind for every temperature-sensitive shipment. Monitor and record temperature across the entire journey—from production to the final mile.

Capture time-stamped readings and **generate tamper-proof PDF/CSV reports**. Trusted across food, pharma, industrial, and specialty cold-chain networks for high-value, temperature-sensitive products.





Simple to Use

Confident activation
Large, tactile start/stop
USB / Plug n' Play



3-Point NIST

Traceable calibration
ensures $\pm 0.5^{\circ}\text{C}$
accuracy



Programmable

Customize alarm &
start delay settings



Wide Temp Range

-30°C — 70°C
(-22°F — 158°F)



High Capacity

Up to 33,000 time-
stamped data points



Waterproof

Shielded within a food-
grade composite bag



R-TEL 200

Single-Use USB
Temperature Logger

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



R-TEL 201

Single-Use USB
Temperature Logger
with LCD Display

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

	LED - Green (recording, normal), Red (alarm), Yellow (Start Delay)	LCD Display - Recording, OK/Alarm, Start Delay, Avg/Max/Min Temperatures
Notification Type		
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	$\pm 0.5^{\circ}\text{C}$ @ -10 ~ 40°C , $\pm 0.8^{\circ}\text{C}$ @ -30 ~ -10°C & 40 ~ 70°C	$\pm 0.5^{\circ}\text{C}$ @ -10 ~ 40°C , $\pm 0.8^{\circ}\text{C}$ @ -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)
Report Format	PDF Only	PDF or CSV
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 CR2032
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	

