

Precision You Can Trust, Cycle After Cycle

A multi-use data logger built for accurate, compliant monitoring across regulated, temperature-controlled workflows

R-TEL Multi-Use Temperature Data Loggers deliver accurate, repeatable monitoring across temperature-sensitive cold-chains. Each device captures precise temperature data through manufacturing, packaging, controlled storage, and distribution.

Reset and redeploy after each cycle for seamless use in linear or closed-loop workflows, with secure PDF/CSV reporting that supports audit readiness and documentation requirements.

R-TEL 305 monitors temperature with six programmable alarms. R-TEL 315 adds relative humidity tracking—critical for commodities sensitive to moisture swings. Supports regulated manufacturing facilities, producers, distributors, and temperature-controlled supply networks.





Rugged Design

Durable IP65-rated protective case



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



User 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



RTEL 305

Multi-Use USB
Temperature Logger

- ✓ Check Min, Max, Avg Temp during transit
- ✓ View screen at any angle
- ✓ 6 User Programmable Temperature Alarms



RTEL 315

Multi-Use USB Temperature
& Humidity Logger

- ✓ Adds Relative Humidity Monitoring
- ✓ 2 Temperature & 2 RH User Programmable Alarms

Notification Type	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
Measurement Range	-30°C ~ 70°C (315: 0-100%RH)
Measurement Accuracy	$\pm 0.5^{\circ}\text{C}$ @ -10 – 40°C , $\pm 0.8^{\circ}\text{C}$ @ -30 ~ -10°C & 40 – 70°C $\pm 3\%\text{RH}$ @ 20 – $80\%\text{RH}$, $\pm 4\%\text{RH}$ @other (315 Only)
Resolution	0.1°C $0.1\%\text{RH}$ (315 Only)
Alarm Limits	305 = 3 High / 3 Low Programmable ; 315 = 1 High / 1 Low plus RH H/L- Customize thresholds & delays
Logging Interval	1 minute - 24 hours (Default 10 minutes)
Storage Capacity	up to 33,000 data points for single PDF or CSV report / <25,000 for combined report
Report Format	PDF / CSV / Combined PDF&CSV (Optional Configuration)
Start Delay	0 minutes - 24 hours (Default 15 minutes)
Start Mode	Manual/Auto Start
IP Rating	IP65
Battery Type	3.0V CR2450
Connection	USB2.0
Dimensions	102.5x40x13.5mm
Weight	35.6g
Product Certifications	CE, EN12830:2018, RoHS



FDA Compliant
Meets 21 CFR Part 11
compliance standard