

# Durability Meets Controlled Precision

**Hard-case protection with advanced temperature and humidity monitoring for sensitive temperature-controlled products.**

R-TEL 205/215 Data Loggers from RTE are engineered for demanding routes and high-value materials. Their durable design delivers accurate, audit-ready temperature monitoring plus protection against rough handling applications from production through final mile delivery.

Both models feature four programmable alarms, NIST-traceable calibration, and secure PDF/CSV reporting. R-TEL 215 adds relative humidity logging for products vulnerable to moisture shifts. Trusted across regulated cold-chain operations worldwide.





### FDA Compliant

Meets 21 CFR Part 11 compliance standard



### 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

$-30^{\circ}\text{C}$ — $70^{\circ}\text{C}$   
( $-22^{\circ}\text{F}$ — $158^{\circ}\text{F}$ )



### High Capacity

Up to 25,000 time-  
stamped data points



### RTEL 205

Single-Use USB  
Temperature Logger

- ✓ Check Min, Max, Avg Temp during transit
- ✓ View screen at any angle
- ✓ Hard-Case Format
- ✓ 4 Programmable Temp Alarms



### RTEL 215

Single-Use USB  
Temperature & RH  
Logger

- ✓ Adds Relative Humidity Monitoring
- ✓ 2 Temperature & 2 RH 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) @ $25^{\circ}\text{C}$ & 5 min logging interval                                                                                                                                           |
| Measurement Range      | $-30^{\circ}\text{C}$ ~ $70^{\circ}\text{C}$                                                                                                                                                                                            |
| Measurement Accuracy   | $\pm 0.5^{\circ}\text{C}$ @ $-10$ – $40^{\circ}\text{C}$ , $\pm 0.8^{\circ}\text{C}$ @ $-30$ ~ $-10^{\circ}\text{C}$ & $40$ – $70^{\circ}\text{C}$   $\pm 3\%\text{RH}$ @ $20$ – $80\%\text{RH}$ , $\pm 4\%\text{RH}$ @other (215 Only) |
| Resolution             | $0.1^{\circ}\text{C}$   $0.1\%\text{RH}$ (215 Only)                                                                                                                                                                                     |
| Alarm Limits           | 205 = 2 High / 2 Low Programmable ; 215 = 1 High / 1 Low plus RH H/L- Customize thresholds & delays                                                                                                                                     |
| Logging Interval       | 1 minute - 24 hours (Default 10 minutes)                                                                                                                                                                                                |
| Storage Capacity       | 205: up to 25,000 data points for single PDF or CSV report / <18,000 for combined report<br>215: up to 25,000 data points for single PDF or CSV report / <18,000 for combined report                                                    |
| Report Format          | PDF / CSV / Combined PDF&CSV (Optional Configuration)                                                                                                                                                                                   |
| Start Delay            | 0 minutes - 24 hours (Default 15 minutes)                                                                                                                                                                                               |
| Start Mode             | Manual Start                                                                                                                                                                                                                            |
| IP Rating              | IP65                                                                                                                                                                                                                                    |
| Battery Type           | 3.0V CR2450                                                                                                                                                                                                                             |
| Connection             | USB2.0                                                                                                                                                                                                                                  |
| Dimensions             | 105x40x10mm                                                                                                                                                                                                                             |
| Weight                 | 30g                                                                                                                                                                                                                                     |
| Product Certifications | CE, EN12830:2018, RTCA/DO-160G (Aviation Safety Directive), RoHS                                                                                                                                                                        |



### Rugged Design

Durable IP65-rated  
protective case