Real-time 4G/5G data logger for the most extreme temperatures

While every pharmaceutical shipment is important, some are more pivotal than others. The TracSafe RLT data logger and tracking device is designed to ensure that you know exactly where your shipment is and the condition during the entire shipment journey. The device links directly to CSafe Connect where you can view real-time location and condition information 24/7 and receive alerts should any measure move outside your specified parameters. Having this information at your fingertips allows you to intervene if needed to ensure a payload arrives in perfect condition for patients.

Key Features

Reusable device	Shipment report download available from CSafe Connect
Long battery life	Multiple probe lengths available
Cryo and dry ice payload temperature tracking	Real-time data tracking for online monitoring throughout the entire shipping journey on CSafe Connect
Humidity percentage logging and ambient temperature monitoring	Light exposure tracking for open events*
Tilt monitoring for possible damages	Location tracking

*Depends on the pack out for parcel open events conditions

Technincal Specifications

Data connection / Communication type	Global LTE 4G/5G, fallback 2G network
Real-time device	Yes (transmits in real-time when not in flight)
CSafe Connect data access	Yes
Mobile app data access	No
Reusable	Yes
Data tracked	Payload temperature Ambient temperature Humidity Shock events Light events Tilt events Location
Measurement ranges	Device Temperature Sensor: -30ºC to +70ºC Probe Temperature Sensor: -200ºC to +100ºC Humidity: 5% RH to 95% RH Shock: 1g to 8g Light: 0 Lux to 52,000 Lux Tilt: 0º to 180º
Measurement accuracy	Temperature: ±0.5ºC (-20ºC to +40ºC); ±1ºC (others) Humidity: ±3% (20%-80%RH); ±5% (others)
Resolution	Temperature: 0.1ºC Humidity: 1% RH
Memory capacity	Max 50,000 readings (cyclic reading)
Data logging interval	1/2/5/10 Min. (programmable)
Data reporting internal	10/20/30/60/120 Min. (programmable)
Start options	Press Button
Stop options	Press Button
Battery life	Up to 120 days on 1 charge
Battery type	Lithium polymer rechargeable battery
Dimensions	114 mm x 76.0 mm x 27 mm
Weight	200 g
Environmental protection	IP65
Calibration certificate	Calibrated for 1 year; certification available upon request

Data connection
Global LTE 4G/5G

Battery life
Up to 120 days

Conditions measured
Payload temp, ambient temp, tilt, humidity, shock, light, and location

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