



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



Real-time data tracking for online monitoring throughout the entire shipping journey on CSafe Connect



Reusable device



Shipment report download available from CSafe Connect



Long battery life



Multiple probe lengths available



Cryo and dry ice payload temperature tracking



Ambient temperature monitoring



Humidity percentage logging



Light exposure tracking for open events*



Tilt monitoring for possible damages



Location tracking

*Depends on the pack out for parcel open events conditions



DATA CONNECTION
Global LTE 4G/5G



BATTERY LIFE
Up to 120 days



CONDITIONS MEASURED
Payload temp,
Ambient temp, Tilt,
Humidity, Shock, Light,
and Location

Technical 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	<ul style="list-style-type: none"> • Payload temperature • Ambient temperature • Humidity • Shock events • Light events • Tilt events • Location
MEASUREMENT RANGES	<ul style="list-style-type: none"> • Device Temperature Sensor: -30°C to +70°C • Probe Temperature Sensor: -200°C to +100°C • Humidity: 5% RH to 95% RH • Shock: 1g to 8g • Light: 0 Lux to 52,000 Lux • Tilt: 0° to 180°
MEASUREMENT ACCURACY	<ul style="list-style-type: none"> • Temperature: ±0.5°C (-20°C to +40°C); ±1°C (others) • Humidity: ±3% (20%-80%RH); ±5% (others)
RESOLUTION	<ul style="list-style-type: none"> • Temperature: 0.1°C • Humidity: 1% RH
MEMORY CAPACITY	Max 50,000 readings (cyclic reading)
DATA LOGGING INTERVAL	1/2/5/10 Min. (programmable)
DATA REPORTING INTERVAL	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

*Varies based on conditions such as operating temperature, sampling interval, storage conditions

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