



Compact Real-Time Data Logger

Some pharmaceutical shipments contain millions of doses of product on a single pallet that cannot be lost for any length of time. These are the types of shipments the Sendum™ PT300D was designed to monitor. This device is already integrated into the CSafe active container fleet to ensure you have virtual eyes on your CSafe RAP and RKN shipments at all times. And because this device is so compact, it also can be integrated into your parcel payload boxes ensuring that you know the location and condition of every shipment.



Key Features



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



Reusable device



Integrated with CSafe Connect



Integrated into CSafe RKN and CSafe RAP



Payload temperature tracking



Humidity percentage logging



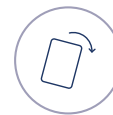
Light exposure tracking for door/parcel open events



Pressure monitoring



Shock incident logging



Tilt monitoring for possible damages



DATA CONNECTION
GPS, Cellular, Wi-Fi



BATTERY LIFE
21 days*



CONDITIONS MEASURED
Payload temp,
Humidity, Shock,
Light, Tilt and
Pressure

Technical Specifications

| | |
|---|--|
| DATA CONNECTION / COMMUNICATION TYPE | <ul style="list-style-type: none"> • CDMA 1XRTT 800 (BC0 / BC10) / 1900 (BC1) • CDMA EVDO 800 (BC0 / BC10) / 1900 (BC1) • GSM/GPRS/EDGE N/A 850 / 900 / 1800 / 1900 • UMTS/HSPA+ 800 (B6) / 850 (B5) / 900 (B8) / 1900 (B2) / 2100 (B1) • GPS 1575.42 MHz (L1) • GLONASS N/A 1602 MHz • Wi-Fi N/A 2.4G Hz 802.11bgn |
| 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"> • Temperature • Humidity • Shock events • Light events • Tilt • Pressure |
| MEASUREMENT RANGES | <ul style="list-style-type: none"> • Temperature: -20°C to +60°C • Humidity: 0% RH to 95% RH • Ambient Light: 0 to 20,000 Lux • Pressure: 260 to 1260 mbar absolute pressure range |
| MEASUREMENT ACCURACY | <ul style="list-style-type: none"> • Temperature: ±0.4°C (-10°C to +60°C); ±1°C (-20°C to -10°C) • Humidity: 0% to 80% RH ± 3%; 80% to 95% RH ± 5% |
| RESOLUTION | <ul style="list-style-type: none"> • Temperature: 0.01°C • Humidity: 1% RH • Shock: 1.0 mg • Tilt: 1° • Pressure: 1 Pa |
| MAX STORAGE CAPACITY | N/A |
| DATA SAMPLING INTERVAL | Programmable** |
| START OPTIONS | N/A |
| STOP OPTIONS | N/A |
| RECORDING DURATION* | 21 days - always on |
| BATTERY LIFE* | 21 days - always on |
| BATTERY TYPE | Lithium ion rechargeable battery |
| DIMENSIONS | 135 mm x 53 mm x14 mm |
| WEIGHT | ~100 g |
| ENVIRONMENTAL PROTECTION | - |
| CALIBRATION CERTIFICATE | Available from Sendum |
| CLEARED FOR USE ON AIRCRAFT | See complete list at sendum.com |

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

** Configured at 5 minutes when using the CSafe data network

Contact us at sales@csafeglobal.com

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