TracSafePRO

Cost-effective, Single-Use Shipment Data Logger

TracSafe PRO is a simple and cost-effective solution for logging temperature stability during transit. This lightweight device begins logging data with the push of a button and then goes directly into your payload box. Once the payload is unpacked, simply press the button again to stop tracking and download the data via the USB. The exceptional battery life of up to 120 days while recording ensures that not a single moment is missed throughout the shipment journey.



Key Features

- Logs temperature
- Lightweight design
- USB device
- Cost-effective single-use device
- Light sensor tracks parcel open

TracSafePRO

Technical Specifications

Data connection / Communication type	USB
Real-time device	No
CSafe Connect data access	No
Mobile app data access	No
Reusable	No
Data tracked	Payload temperature Light
Measurement ranges	Payload temp: -30°C to +70°C
Measurement accuracy	Payload temp: ±0.5°C (-20°C ~ 40°C); ±1°C (others)
Resolution	Payload temp: 0.1°C
Max storage capacity	16,000 data points
Data sampling interval	12 minutes (programmable)
Start options	Button or CSafe PC software
Stop options	Button, CSafe PC software, or stop when memory is full
Recording duration	Up to 120 days
Battery life*	2-year shelf life
Battery type	CR2450 button cell
Dimensions	97 mm x 53 mm x 8 mm
Weight	65 g
Environmental protection	IP67
Calibration certificate	Calibrated for 2 years; certification available when device report downloaded
Certifications	FCC, CE, RTCA/DO-160G, WEEE, IC, and EN12830



Data connection
USB



Battery life
120 days recording*
2-year shelf life*



Conditions measured
Payload temp and light

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

Contact us at: sales@csafeglobal.com

CSafe has a global network of service centers, stations, supply points and team members to provide support and solutions where and when you need them. CSafe and the logo designs presented in this material are trademarks or registered trademarks of CSafe. ©2026 CSafe

csafeglobal.com

DS-TCS-PRO-10-26