

### Data Report

**File Information**

File Created Date: 09/03/19 11:34:27  
 Note: All Times shown are based on the UTC-05:00 standard (GMT-05:00 EDT/EST)

**Device Information**

Device Type:	Tempnote lite	Firmware Version:	2.11
ID:	TN1907002668	Start Delay:	30 min
Description:	Temp Recorded	Log Interval:	10 min

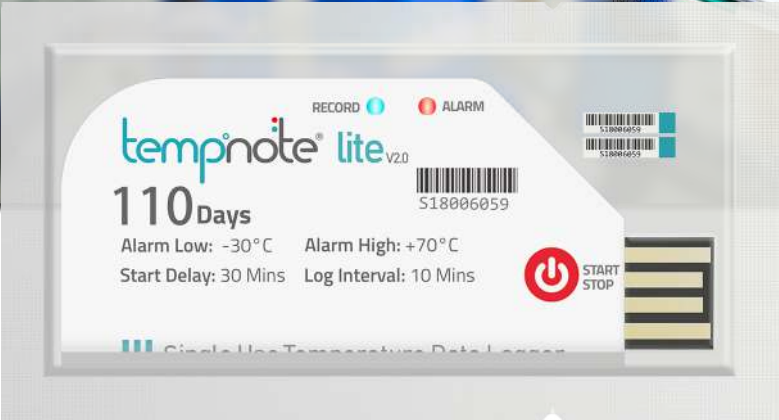
**Logging Summary**

First Point:	08/28/19 06:45:04	Max:	25.73°C
Stop Time:	09/03/19 11:25:03	Min:	-25.27°C
Number of Points:	893	Avg:	25.37°C
Trip Length:	063.04148km	Average:	-30.0°C
Stop Mode:	Manual Stop	Start Mode:	Button start

**Alarm Condition**

First Point Time	Time of Violations	No. of Violations	Status	
Over: 70.0	09/03/19 06:00:00	000:00h:00m:00s	0	OK
Below: -30.0	09/03/19 07:00:00	000:00h:00m:00s	0	OK

### Tempnote



# TEMPERATURE MONITORING | IN TRANSIT

## Tempnote® lite VER 2.0

Single Use PDF Temperature Data Logger

**Auto Generated PDF and CSV Report**  
 Automatically Generated PDF and CSV report  
 No software required to access file

**Integrated USB Port**  
 Integrated USB to download data report without additional interface or cable

**Calibration Certificate**  
 Calibration Certificate included for proven accuracy and to comply with regulations

**Slim and Compact Design**  
 Compact and slim design to include in the product box without utilising extra space

**EN 12830 Compliant**  
 Compliant with European standards to meet the demands of the transportation industries

**IP67 Protection Rating**  
 Waterproof casing ensures continuous logging even in complex environment

**EK-176**

Approved Data Logger by Emirates Sky Cargo Team



Digital Temperature Sensor from Texas Instruments- USA



EN12830 certification by Ente Certificazione Macchine, Italy



Pharma



Fruits



Fish



Cosmetics



Chemicals

# Single Use Temperature Data Logger for Cold Chain Monitoring on the **move...**

Tempnote® lite V2.0 Data Loggers are extremely engineered for Reliable Cold Chain Monitoring during transit. Tempnote® lite V2.0 is integrated with USB and auto generates secured PDF + CSV report without requiring additional hardware / software. Tempnote® lite V2.0 offers 0.2°C accuracy to meet stringent quality standards of regulatory bodies.

## Technical Specifications

Type	Single Use / Disposable	Protection Class	IP67 / NEMA 6
Measurement Range	-30°C to +70°C	Dimension	67 mm x 28 mm x 5.5 mm
Accuracy	± 0.2 °C (-30°C to +70°C)	Weight	Approx 15 Gms
Resolution	0.1°C	Certifications	EN12830, CE, RTCA DO-160
Memory Capacity	16,000 Readings	Validation Certificate	Softcopy in Device Memory
Battery	3V Lithium CR2450 Button	Report	Self Generated PDF + CSV
Recording Interval	10 minutes (Customizable)	Alarm Range	High & Low Alarm
Recording Duration	110 Days (Customizable)	Connectivity	USB 2.0

**Data Report**

File Information  
 File Created Date: 09/03/19 11:34:26  
 Note: All Times shown are based on UTC+0:00 and 24-Hour clock [MM/DD/YYYY HH:MM:SS]

Device Information  
 Device Type: Tempnote lite  
 ID: TN1907002688  
 Start Delay: 30 min  
 Description: Temp Recorded  
 Firmware Version: 2.11  
 Log Interval: 10 min

Logging Summary  
 First Point: 08/28/19 06:45:04  
 Stop Time: 09/03/19 11:25:04  
 Number of Points: 893  
 Trip Length: 09d 04h 40m 00s  
 Stop Mode: Manual Stop  
 Max: 35.7°C  
 Min: -23.2°C  
 MKT: 28.3°C  
 Average: 20.0°C  
 Start Mode: Button start

Alarm Condition

Alarm Condition	First Point Time	Time of Violations	No. of Violations	Status
Over 70.0	00:00:00 00:00:00	00d 00h 00m 00s	0	OK
Below -30.0	00:00:00 00:00:00	00d 00h 00m 00s	0	OK

Graph: Temperature [°C] vs Date/Time. Shows a fluctuating temperature line with a red dashed line at 70.0°C and a blue dashed line at -30.0°C.

## Application

Sea Freight & Air Freight



Distribution & Last Mile Delivery



Storage & Freezer Monitoring



Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery | Hydraulics | Vacuum Industry  
 Green House | Server Room | Confined Space | Cold Storage

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