

### Data Report

| File Information  |                    |                   |        |
|---|--------------------|-------------------|--------|
| File Created Date   | 09/03/19 11:34:27  |                   |        |
| Note: All Times shown are based on the device's local time (GMT+05:30:00) (IST) |                    |                   |        |
| Device Information  |                    |                   |        |
| Device Type   | Tempnote lite      |                   |        |
| ID  | TN1907002668       |                   |        |
| Start Delay   | 30 min             |                   |        |
| Description   | Temp Recorded      |                   |        |
| Firmware Version: 2.11  |                    |                   |        |
| Log Interval: 10 mins   |                    |                   |        |
| Logging Summary   |                    |                   |        |
| First Point   | 08/28/19 06:45:04  |                   |        |
| Stop Time   | 09/03/19 11:25:03  |                   |        |
| Number of Points  | 893                |                   |        |
| Trip Length   | 063.041408 km      |                   |        |
| Stop Mode   | Manual Stop        |                   |        |
| Max   | 25.73°C            |                   |        |
| Min   | -23.27°C           |                   |        |
| Avg   | 25.37°C            |                   |        |
| Average   | -20.01°C           |                   |        |
| Start Mode  | Button start       |                   |        |
| Alarm Condition   |                    |                   |        |
| First Point Time  | Time of Violations | No. of Violations | Status |
| Over: 70.0  | 08/30/19 00:00:00  | 008.00h.00m.00s   | OK     |
| Below: -30.0  | 09/03/19 07:00:00  | 00h.00m.00s       | OK     |



# TEMPERATURE MONITORING | IN TRANSIT

## Tempnote® lite VER2.0 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



# 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                   |

**Tempnote®**  
ID: TN1907002688

**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  
Firmware Version: 2.11  
Start Delay: 30 min  
Description: Temp Recorded  
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  
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 between approximately -20°C and 35°C over a period of 5 days. A red dashed line is at 70.0°C and a blue dashed line is at -30.0°C.

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## Application

Sea Freight & Air Freight



Distribution & Last Mile Delivery



Storage & Freezer Monitoring



Download Calibration Certificate



- 01 Visit [www.tempnote.com](http://www.tempnote.com) and enter device ID
- 02 PDF copy of certificate will be available to download