



## Trek Pro Product Spec Sheet

The Parsyl Trek Pro is a wireless data logger that monitors temperature, humidity, impact, light, and location. Its small size and long battery life make it an ideal way to get visibility into what's happening to sensitive products from origin to destination, both in transit and storage.

### Highlights

- ✓ Wirelessly monitors temperature, location, humidity, impact, and light
- ✓ Fast data offload using latest in wireless technology
- ✓ Lasts up to 3 years on a single battery
- ✓ Rugged, water-resistant design
- ✓ Configurable alarms
- ✓ PQS Prequalified by the WHO

### SENSORS

	Range	Accuracy	Resolution	Calibration
<b>Temperature</b>	-30°C to 70°C	±0.1°C to ±0.2°C	0.01°C	ISO/IEC 17025 certified, NIST
<b>Humidity</b>	0 to 100% RH	31.5% RH to 32.0% RH	0.01% RH	ISO/IEC 17025 certified, NIST
<b>Impact</b>	3200g	n/a	0.1g (amplitude) 0.3ms (duration)	n/a
<b>GPS</b>	GPS and GLONASS	2.5 m	n/a	n/a

### DATA LOGGING

**Sampling** Temperature and humidity sampling intervals are configurable (default is 10 minutes). Impact and light logging is event-based.

**Capacity** 300,000+ temperature, humidity, and light records; up to 1,000 high resolution impact events.

**Data upload** Automatic (no touch) wireless upload via mobile phone using Parsyl mobile application.

### WIRELESS CONNECTIVITY

**Auto-discovery** The Parsyl mobile app automatically detects and connects to any Trek device associated to the same account.

**Radio Frequency** Bluetooth Low Energy 5.0 (2.4 GHz) (Class 2)

### ENCLOSURE

**Dimensions** 2.01x3.81x9.98 cm

**Weight** 65g (2.29oz)

**Battery** Up to 3 year battery life. Non-replaceable and non-rechargeable battery, with free device replacement when battery runs out.

**Ingress Protection** IP65-rated. Designed for splash, spray and dust. Not intended for prolonged submersion in water.

**Status Indicators** Bright LED lights and audible alarms indicate status of device and monitoring.

### SOFTWARE

**Mobile Application** Indicates which sensors had alarms and how long the device spent outside of designated environmental conditions. (Currently Android only)

**Reporting** Data from Parsyl devices is automatically uploaded to the Parsyl data platform, where it is automatically aggregated and analyzed for trends and insights.



## Trek Tab Product Sheet

The Trek Tab is a single-use wireless data logger that monitors temperature in an ultra low profile. The Tab is low cost and designed for comprehensive visibility into what's happening to sensitive products from origin to destination.

### Highlights

- ✓ Wirelessly monitors temperature
- ✓ Fast data offload using Bluetooth 5
- ✓ Up to 100 days monitoring
- ✓ Water-resistant
- ✓ Configurable LED alarms
- ✓ PQS Prequalified by the WHO

#### SENSORS

	Range	Accuracy	Calibration
Temperature	-30°C to 70°C	±0.3°C to ±0.4°C	NIST Traceable, ISO/IEC 17025 certified

#### DATA LOGGING

**Sampling** Temperature sampling intervals are configurable (default is 10 minutes).

**Capacity** >14000 samples (enough for 100 days at 10 minute intervals).

**Data upload** No touch wireless upload via mobile phone using Parsyl mobile application or automatic upload via Parsyl Gateway.

#### WIRELESS CONNECTIVITY

**Auto-discovery** The Parsyl mobile app or gateway automatically detects and connects to any Trek device associated to the same account.

**Wireless Communication** Bluetooth 5 (2.4 GHz) (Class 2)

#### ENCLOSURE

**Dimensions** 51mm x 26mm x 5.3mm

**Weight** 9g

**Battery** 100 days at 0°C.

**Ingress Protection** Water-resistant.

**Status Indicators** LED lights indicate status of device and monitoring.

#### SOFTWARE

**Mobile Application** Indicates alarms and how long the device spent outside of designated environmental conditions, allows for shipping profile configuration. (Currently Android only)

**Reporting** Data from Parsyl devices is automatically uploaded to the Parsyl data platform, where it is automatically aggregated and analyzed for trends and insights.