

# TrackSense® Pro Basic L Wireless Data Logger

## Rigid and SmartFlex Temperature Sensor

### Key Features & Benefits

- ✓ Unique [interchangeable sensor option](#)
- ✓ Real-time data option with [Sky module](#)
- ✓ Works in conjunction with the [ValSuite®](#) validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Temperature range of **-30 to +85 °C**
- ✓ Industry leading accuracy of **± 0.05 °C**
- ✓ Extended battery capacity
- ✓ Covers various applications within [pharmaceutical](#), [food](#) and [medical](#) industries



### TrackSense® Pro Basic L Data Loggers

The wireless [TrackSense® Pro Basic L data loggers](#) are made of a high resistant stainless steel with cutting edge technology that allows for immensely accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro data loggers are configured with [interchangeable sensors](#) able to measure temperature, vacuum, relative humidity, pressure, conductivity and CO<sub>2</sub>.

Ellab's data loggers are easily activated and read by the [Multi reader station](#). When combined with the [Sky module](#), data loggers can provide real time data via wireless communication. Utilizing the numerous functions of the FDA 21 CFR, Part 11 compliant [ValSuite™ software](#), data is easily analyzed and distributed through various report options

Interested in this product? [Contact sales today](#)

## Technical Specifications

|   |   |
|---|---|
| <b>Sensor with this logger configuration:</b> | <b>Rigid and SmartFlex Temperature Sensor</b> |
| Temperature Measuring Range:                  | -30 to +85 °C                                 |
| Measuring Principle:                          | Electrical Resistance                         |
| Sensor Element:                               | Pt1000  |
| Diameter:                                     | 2 mm / 1.8 mm                                 |
| Length:                                       | From 100 mm - 1000 mm                         |
| Position of Measuring Point from Tip:         | 3 mm  |
| Accuracy:                                     |   |
| -30 to -25°C:                                 | ± 0.1 / ± 0.1 °C                              |
| -25 to -85°C:                                 | ± 0.05 / ± 0.1 °C                             |
| Sensor Response Time:                         |   |
| T-63%:  | 0.8 / 2.2 Seconds                             |
| T-90%:  | 1.7 / 4.3 Seconds                             |
| <b>Logger with this sensor configuration:</b> | <b>Pro Basic L 3G</b>                         |
| Operating Temperature:                        | -30 to +85 °C                                 |
| Operating Pressure:                           | 0.001 mBar to 4 Bar ABS                       |
| House Material:                               | 316L Stainless Steel                          |
| Diameter:                                     | 25 mm   |
| Length:                                       | 68.8 mm                                       |
| Weight with Battery:                          | 80 Grams                                      |
| Memory Capacity:                              | 120,000 Data Points / 60,000 Samples          |
| Minimum Sample Rate:                          | 1 Second                                      |
| Maximum Sample Rate:                          | 24 Hours                                      |
| Maximum Start Delay:                          | 14 Days                                       |
| Intrinsically Safe:                           | Not ATEX approved                             |
| Time Accuracy:                                | ± 5 Seconds Per 24 Hours                      |
| Battery:                                      | <a href="#">TS Frigo 85L Battery</a>          |