



Introduction

ESMT offers high performance and cost effective wireless temperature monitoring solution. Target temperature monitoring application in logistic and cold chain delivery. There are 3 different devices applicable for diverse cases.

Trigo

TriGo is designed as an cost effective parcel tracking device. It targets delivery acknowledgement application.

SenLog

SenLog is a cost effective high performance temperature tracking solution. It real-time monitors temperature in ambient and product during transportation.

SenLog Pro

SenLog Pro is an advance device of SenLog. It designed for monitoring temperature real-time in cold chain cases.

Applications

Parcel tracking
Fresh food, vegetable and fruit monitoring
Agriculture and aquaculture logistics
Vaccines or pharmaceutical products
Warehouse temperature monitoring

Features

- Sigfox Region: RC1/2/3/4/5/6/7¹
- Uplink Class 0u (all zone)
- PCB antenna
- Temperature Sensor: $\pm 0.5^{\circ}\text{C}/\pm 1^{\circ}\text{C}$ (Senlog Pro)
 $\pm 1^{\circ}\text{C}/\pm 1^{\circ}\text{C}$ (Senlog)
 $\pm 3^{\circ}\text{C}/\pm 1^{\circ}\text{C}$ (TriGo)
- 9000 Data Log Entries
- Green / Red Color LED Indicator
- Data Log Dumping by
Senlog Pro : Micro USB support
Senlog : Micro USB support
TriGo (N/A)
- Battery Power: 2 x AAA 1.5V carbon zinc
- Battery Life: Up to 20days²at 25°C
- Battery Detector
- Alarm setting
- IP Level: IP64
- Enclosure Material: ABS
- Operating Temperature: $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$ ³
- Dimension: 75 x 37 x 17 (unit: mm)
- Weight: ~40g
- Certification (Pre-test):
Sigfox compliant
FCC Part 15.247 / 15.109
ETSI EN 300 220 / 550 032
EN12830:2018

¹. Downlink and Monarch not supported.

². Depends on frequency of transmission, operating temperature and quality of the battery.

³. Depends on battery limitation.