

Senlab[®] Temperature Sensor

Very long range and high precision temperature wireless sensor

The highly precise integrated probe combined with a ruggedized and IP 68+ design make the Senlab[®] Temperature wireless sensors the optimal solution for outdoor and harsh environment temperature reading applications like Smart Building, Telemetry and environmental monitoring.

It benefits from adjustable working profiles allowing alarm setpoint setting (thresholds overrun,...).

Senlab[®] sensors embed LoRa[™] long range spread spectrum disruptive technology, providing significantly longer range than conventional modulation techniques as well as high interference immunity whilst minimising current consumption.

Senlab[®] sensors natively support bidirectional communications and are compliant with private network (customer managed gateway) as well as LPWA network.



Radio

Range up to 15km (Line-of-sight)
Sensitivity -138dBm
Operates in license-free ISM 868MHz
25mW (+14dBm)
Bi-directional

Environment

Operating temperature range -20°C/+70°C
CE Certification (EN300-220)
IP 68+ (fully resin potted)
Dimension : L 55 x H 117 x P 30
Weight : 140 g
Designed for wall or pipe fixing

Main Features

Part number: TEM-LAB-13NS
0,1°C accuracy
Ready to use product (plug and play)
Configuration available via local application or via LPWA network
Event notification (threshold overrun...)

Alimentation

Lithium battery AA 3.6V
Battery level notification
Up to 15 years life duration



www.sensing-labs.com
contact@sensing-labs.com

SENSING LABS SAS
Cap Oméga
CS 39521
34960 - Montpellier Cedex 2
FRANCE

