

Senlab[®] Temperature Sensor

Very long range and high precision temperature wireless sensor

The highly precise integrated probe with an indoor design make the Senlab[®] Temperature wireless sensors the optimal solution for indoor conditions, as it adapts to its environment and answers the 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 minimizing 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)
Sensibility -138dBm
Operates in license-free ISM 868MHz
25mW (+14dBm)
Bi-directional

Environment

Operating temperature range -20°C/+70°C
CE Certification (EN300-220)
Indoor
Dimension : L 53 x H 85 x P 25
Designed for wall

Main Features

Part number: TEM-LAB-21NS
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



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