SENSING LABS
Remote sensor-to-Human ● ● ●

Radio transmitter for
Indoor Temperature and Humidity monitoring

Ref: THY-LAB-41NS

This Senlab Tº+H is a smart LoRaWAN™ sensor with a high precision temperature and humidity sensor, at ±0.4ºC accuracy and ±3% RH maximum (with 0 to 100% RH operating range).

The small form factor and discreet aesthetics of the Senlab T indoor version makes it well suited for an office or accommodation fitting.

Sensing Labs advanced sensors offer advanced functionalities such as:

✓ Datalogging (24 points / radio transmissions)

✓ High and Low temperature alarm notification

✓ "Over the air" reconfiguration

LoRaWAN™

10 years *
(replaceable battery)

15 km *

IP30
(Indoor use)

Local or Public
Network compliant

Typical applications

Office comfort, building management, storage traceability

Home comfort, smart building, temperature logging & telemetry

Technical specifications	
Physical dimensions	53 x 85 x 25 mm
Weight	75 gr
Operating temperature	0°C to +55°C
RF sensitivity	-137dBm
RF power	+14dBm (25mW)
Radio band	868 MHz
EMC Compliance	ETSI EN 301 489-1, ETSI EN 301 489-3, EN 61000-6-2
Radio Compliance	EN 300 220-1 V 2.4.1 (2012-05), EN 300 220-2 V 2.4.1 (2012-05)
Magnetic field exposure	EN 62479
Safety	IEC 60950-1

*Depending on the operating conditions

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