SENSING LABS
Remote sensor-to-Human ●●●

Outdoor Sensor
Temperature monitoring
Context of extreme temperature

Ref: TEM-LAB-14NS

This Senlab-T is a smart LoRaWAN™ sensor equipped with a remote probe for contact in extreme temperature

The probe is:

✓ 1 meter cable length between the sensitive element and the radio module

✓ Waterproof

✓ Measures temperatures from –55°C to +125°C

Therefore, Senlab-T is capable of measuring the temperature in many difficult situations, whether in confined places or directly in contact with the object you wish to monitor.

LoRa WAN™

20 years *

15 km *

IP68
(Outdoor use)

Local or Public
Network compliant

Typical applications

Smart industry, pipe monitoring, machine preventive maintenance

HVAC control and monitoring

Cold storage monitoring

Legionella surveillance systems

Technical specifications	
Physical dimensions	56 x 102 x 35 mm
Weight	140 gr
Operating temperature	-20°C to +70°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, EN 60950-22

*Depending on the operating conditions