

# Mini LoRaWAN Ambient Temperature and Humidity Sensor

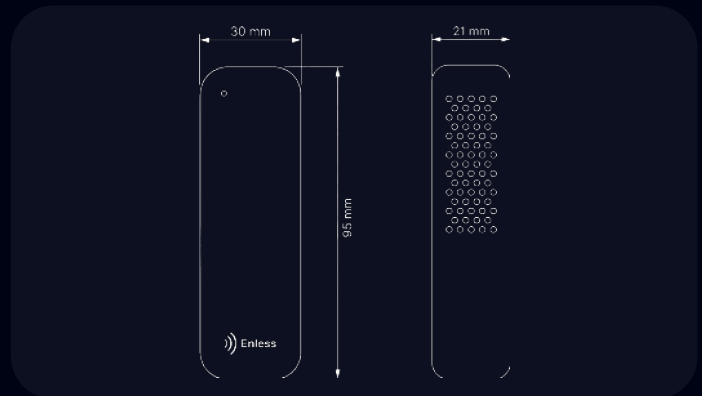
TX T&H MINI AMB 600-050



## Description

The Enless mini ambient temperature and humidity sensor is an ultra-compact and discreet sensor that accurately measures the comfort of occupants in your buildings. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your supervision system or building management system, without the need for cabling or heavy work.

## Dimensions



## Radio

Supported Protocols	LoRaWAN LoRa Easy (Enless proprietary protocol)
LoRaWAN Class	Class A
LoRaWAN Version	Version 1.0.4   RP002-1.0.3
Frequency	EU868 (868MHz)
Identifiers	LoRaWAN: DevEUI, AppEUI, AppKey LoRa Easy: LoRa ID
Transmission Power	25mW (14 dBm)
Encryption	AES128 in LoRaWAN mode

## Features

Enclosure Protection Index	IP40 Indoor use
Mounting	Screwed or glued (double-sided adhesive provided)
Operating Temperature	-20 / +55°C
Power Supply	Lithium Battery 3.6V 2/3AA (BAT 2/3AA 1000-034)
Battery Life	4 years for a transmission every 30 minutes (SF9) Up to 15 years of autonomy
Configuration	LoRaWAN: Downlink or via the MyEnless app LoRa Easy: From the receiver server

## Measurements

Temperature	Sensor measurement range: -40 / +125°C Sensor accuracy: +/- 0.2°C Sensor resolution: 0.1°C
Humidity	Sensor measurement range: 0 - 100% rH Sensor accuracy: +/- 2% rH Sensor resolution: 0.1% rH

## Certifications

