

# Comfort and Indoor Air Quality

## Ambient Temperature and Humidity Sensor

TX T&H AMB 600-121



- ✓ Ambient temperature & humidity
- ✓ LoRaWAN & Enless LoRa mode
- ✓ High-capacity Type C battery
- ✓ Up to 15 years of autonomy
- ✓ Very long radio range

### Technical Specifications

#### Physical Characteristics

Protection rating	NEMA 1 / IP40
Application	Use in an indoor environment
Mounting	Wall-mounted
Operating temperature	-20 / +55°C
Operating relative humidity	20-80% (non-condensing)
Operating altitude	< 2000m
Operating pollution degree	3
Power supply	3.6V Lithium Type C battery - Replaceable battery
Battery life	10 years for a transmission every 5 minutes (SF9)

#### Radio

Supported protocols	LoRaWAN (Class A) and Enless LoRa mode
Frequency	US915
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless LoRa mode = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless LoRa mode = No encryption
Transmission power	25mW (14 dBm)

## 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

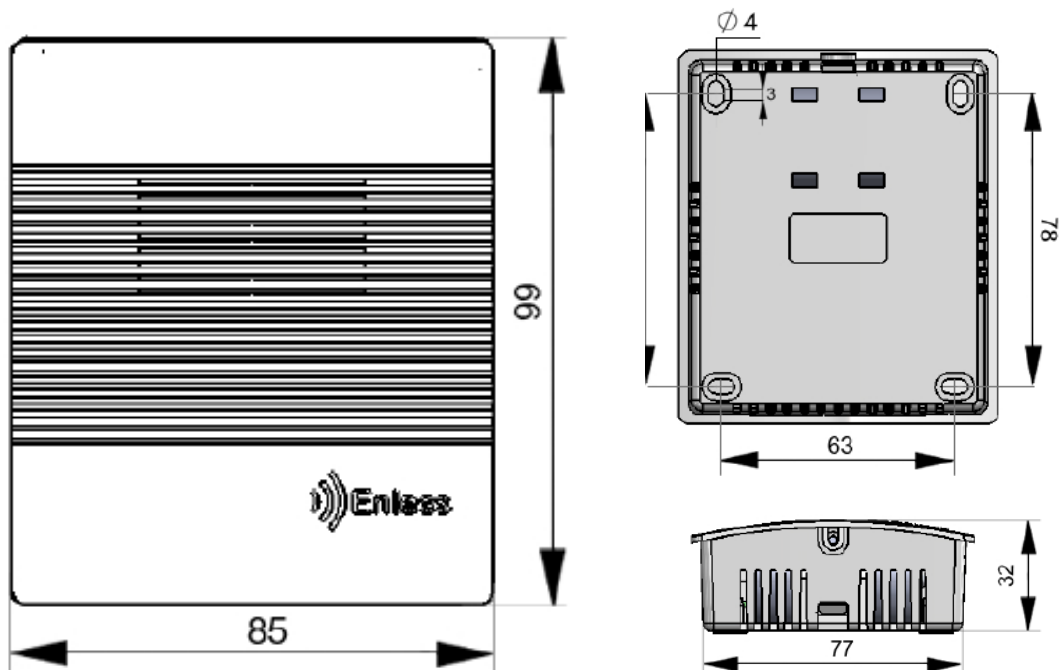
## Certifications



Innovation, Science and  
Economic Development Canada



## Dimensions (mm)



DTM86-a