

Smart Room

Light & Presence Sensor

TX LIGHT PIR T&H 600-062



- Presence detection
- Day/night detection & Temp/Hum measurement
- Compatible with LoRaWAN & proprietary LoRa
- High capacity type C battery
- Up to 10 years of autonomy
- Very long radio range



Technical Specifications

Physical Characteristics

Protection rating	IP40
Mounting	Wall-mounted via screws or 3M (provided with the sensor)
Operating temperature	- 20 / + 55°C
Power supply	3.6V Lithium C-type battery - Replaceable battery USB power supply possible (USB-C)
Battery life	5 years for transmission every 15 minutes (SF9)
Detachment detection	Accelerometer

Radio

Supported protocols	LoRaWAN (Class A) and Enless proprietary LoRa
Frequency	EU868
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless proprietary LoRa = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless proprietary LoRa = No encryption
Transmission power	25mW (14 dBm)

Measurements

PIR

Detection zone 100° Horizontal, 100° Vertical

Detection distance 8m maximum

Brightness

Measurement type Day / Night

Temperature

Sensor measurement range -40 / + 125°C

Sensor accuracy +/- 0,2°C

Sensor resolution 0,1°C

Humidity

Sensor measurement range 0 - 100% rH

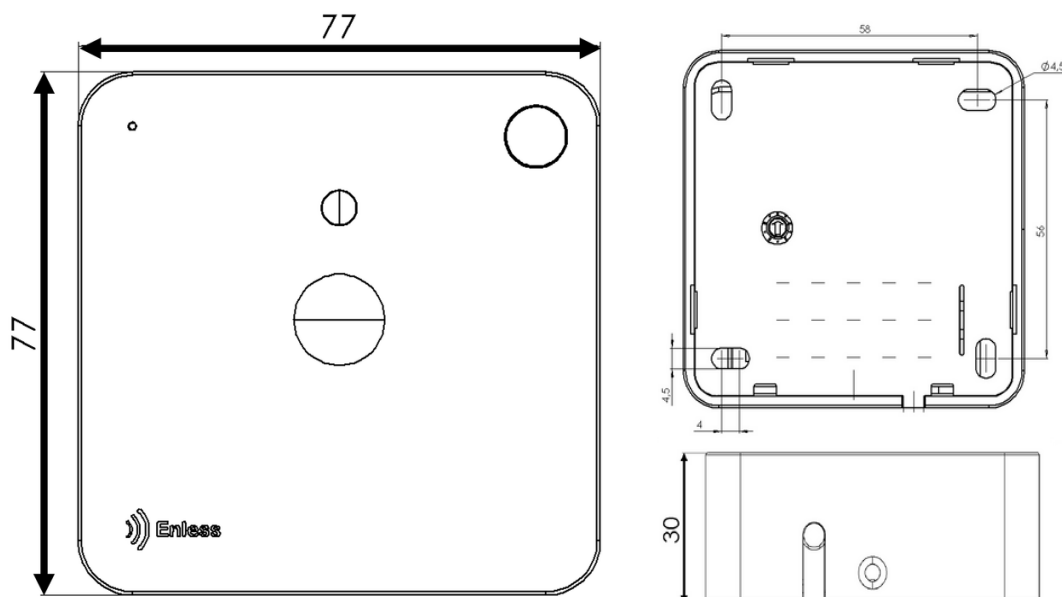
Sensor accuracy +/- 2% rH

Sensor resolution 0,1% rH

Certifications



Dimensions (mm)



V 2.0