Enless Wireless
Smart Building Radio Sensors

Temperature Measurement
Rugged Temperature Sensor

TX TEMP INS 600-131

- Temperature measurement
- Indoor/outdoor environments
- LoRaWAN & Enless LoRa mode
- High-capacity D-type battery
- Up to 20 years of autonomy
- Very long radio range

Technical Specifications

Physical Characteristics	
Protection rating	NEMA 4 / IP65
Mounting	Wall / Clamp / DIN rail
Operating temperature	-20 / +55°C
Operating relative humidity	10% - 90% (non-condensing)
Operating altitude	< 2000m
Operating pollution degree	3
Power supply	3.6V Lithium D-type 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

Certifications

CE   FC   🍁 Innovation, Science and Economic Development Canada   LoRaWAN CERTIFIED

Dimensions (mm)

78.4

79

118

43.3

DTM88-a

Enless Wireless
Smart Building Radio Sensors
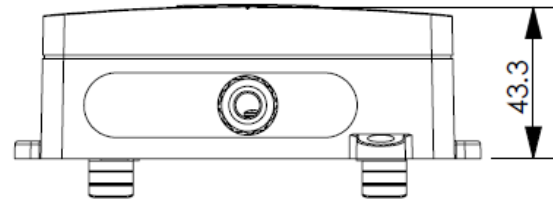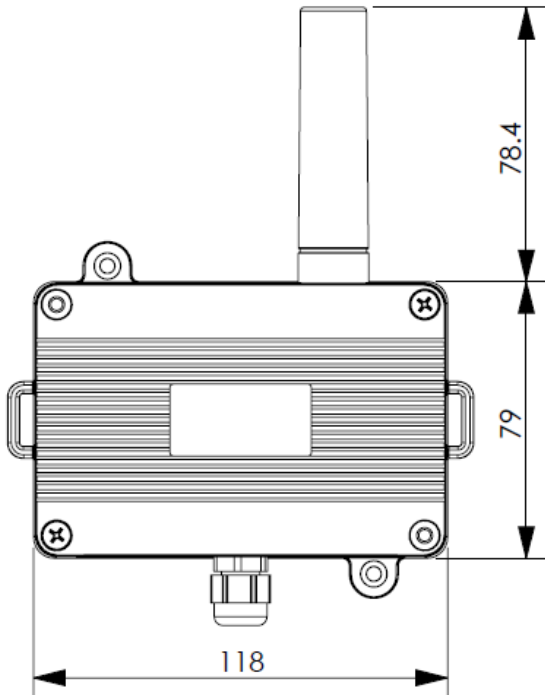
📞 +33 (0)5 56 35 97 47

✉ contact@enless.fr

📍 6 Bis Rue du Temple, 33000 Bordeaux, France

🌐 www.enless-wireless.com