

Ambient transmitter LoRa / LoRaWAN

TX temperature and humidity



COMPACT DESIGN

EASY TO INSTALL

VERY LONG RANGE RADIO

REPLACEABLE BATTERY

FREESTANDING OR WALL MOUNTED

VERY HIGH BATTERY LIFE > 20 YEARS

SPECIFICATIONS

Enclosure and IP rating	ABS IP 40
Dimensions (l x w x h)	99 x 85 x 32 mm
Mounting	Wall
Radio antenna	Embedded
Types of sensors	Embedded temperature and humidity sensors
Sensor temperature range	- 40 / + 125 °C
Temperature sensor accuracy	+/- 0,2°C
Humidity sensor resolution	+ / - 2% rH
TX working temperature	- 20 / + 55°C
Power supply	Replaceable 3.6 V C size Lithium battery - Low battery alert
Radio frequency band	868 MHz bidirectional
Radio protocol	LoRa proprietary – LoRaWAN (mode change via jumper)
Output power	25mW (14 dBm)
Configuration	LoRa proprietary: configuration from the receiver's IP server LoRaWAN: setup via downlink
Battery autonomy	LoRa proprietary: 5 years with 5mn periodicity LoRaWAN: 10 years with 15mn periodicity (in SF9) Configurable periodicity
Encryption	LoRa proprietary: no encryption LoRaWAN: AES128
Addressing	LoRa proprietary: LoRa ID LoRaWAN: DEVEUI, APPEUI, APPKEY keys (OTAA)
LED	3 LED's
Certification	CE
Product reference	TX T&H AMB 600-021

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