

# Ambient transmitter LoRa / LoRaWAN

TX CO2, VOC, temperature and humidity

**LoRa LoRaWAN™**



COMPACT DESIGN

EASY TO INSTALL

VERY LONG RANGE RADIO

REPLACEABLE BATTERY

UP TO 10 YEARS BATTERY LIFE

FREESTANDING OR WALL MOUNTED

## SPECIFICATIONS

Enclosure and IP rating	ABS IP 40
Dimensions (l x w x h)	105 x 95 x 38 mm
Mounting	Wall
Radio antenna	Embedded
Types of sensors	Embedded CO2, VOC, temperature and humidity sensors
CO2 range	0 - 5 000 ppm
VOC range	0 - 60 000 ppb (1 ppb = 4.5 µg/m3)
Sensor temperature range	- 40 / + 125 °C
Temperature sensor accuracy	+/- 0,2°C
Humidity sensor resolution	+/- 2% rH
CO2 sensor accuracy	+/- 100 ppm
TX working temperature	- 20 / + 55°C
Power supply	Replaceable 3.6 V D size Lithium battery - Low battery alert
Radio frequency band Protocol	868 MHz bidirectional LoRa – LoRaWAN
Output power	25mW (14 dBm)
Configuration / Installation	Via radio - LoRa mode : Embedded IP server - Mode change via jumper (provided)
Datalogging	Option
Battery autonomy / Periodicity	3.5 years battery life for a periodicity every 15 minutes / Configurable periodicity
ID	DEV EUI in LoRaWAN mode ; LoRa ID in private mode
LED	3 LEDs
Certification	CE
Ordering code	TX CO2 / VOC / T&H AMB 600-023

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