

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	868 MHz bidirectional
Protocol	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

DS EN 600-023-b