

# Ambient transmitter LoRa / LoRaWAN

TX VOC, temperature and humidity

**LoRa LoRaWAN™**



COMPACT DESIGN

EASY TO INSTALL

VERY LONG RANGE RADIO

REPLACEABLE BATTERY

FREESTANDING OR WALL MOUNTED

## 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
Type of sensors	Embedded VOC, temperature and humidity sensors
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
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
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	LoRa mode : 5 years with 5 min periodicity / LoRaWAN : 6 years with 15 min periodicity. Configurable periodicity
ID	DEV EUI in LoRaWAN mode ; LoRa ID in private mode
LED	3 LEDs
Certification	CE
Ordering code	TX VOC / T&H AMB 600-022

DS EN 600-022-b