Healthy Home (IAQ) Sensor

Features

- EU, US, and Asia frequency supported
- LoRaWAN 1.0.3
- Integrated IAQ sensor (Bosch BME680)
- IP40 equivalent
- 0 to 50°C operation temperature range

The Tabs Healthy Home sensor utilizes LoRaWAN connectivity to communicate the Temperature, Relative Humidity and Volatile Organic Compound levels of the surrounding environment. The intended use is to place the sensor within a room to determine if the air quality, temperature, and humidity are ideal.

Specification	
Frequency	868MHz & 915MHz
RF TX power	US: +19dBm EU: +17dBm
Antenna Gain	-2dBi Peak, -5dBi Avg
RF Sensitivity	-135dBm
Battery Type	3.6V ½ AA Li-SOCl2, 1200mAh
Battery Lifetime*	Up to 16 months
Average Current	135mA maximum/ 100uA minimum
Protocol	LoRaWAN 1.0.3
Operation Temperature	0 to 50°C
Environmental Rating	IP40 equivalent
Dimensions	50mm x 20mm x 50mm
Weight	30g without battery 40g with battery
Sensor	Temperature & Relative Humidity, Indoor Air Quality
Type Approval	CE/FCC/IC

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SKU Detail			
SKU	Country	Channels	Frequency Band (MHz)
TBHV110-868	Europe	8	EU868 (862~870)
TBHV110-915	USA	16	US915 (902~928)
* Samples are also available for IN865, AS923, AU915, KR920.			

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