



Technical Specifications AW1/ AW2/ AW3



Model differences:

Aware A1 (A1.b) – powered by separate power supply CUI Inc SM16B;

Aware A2 – powered by 4x AA batteries;

Aware A3 (A2.b) – powered by Tracy® LED iBond system.

Aware A1/A2/A3 is IoT device with incorporated sensors that send out pre-configured notifications, and managed by a platform that allows device monitoring and analysis for indoor climate measurements. The device is provisioned with Sigfox connectivity.

The device is intended only for indoor use – in private houses, including basements, schools, offices and building complexes, etc. The device is equipped with onboard temperature, humidity, air quality, PIR motion, sound, spectral light sensors within the device. And sleep mode is calculated based upon sensor inputs.



Installation and use

The Device is only for indoor use, and intended to be mounted in heights up to 2 m by means of screws.

The IoT device is provisioned with Sigfox and is activated when powered.

Technical design

- Indoor Climate (IC) Sensor with Display
- Vector Icon Display with Measurements, IC Symbols, and IC Thresholds'
- Mounted by Screws
- Weight – 100g (Without Batteries)
- The devices may be connected to an App. platform to manage, additional Devices, IC data and correlations.

Dimensions

Aware A1 – 16x4x2 cm (HxWxL)

Aware A2 – 16x4x3 cm (HxWxL)

Aware A3 – 16x4x2 cm (HxWxL)

PSU version dimensions - 15.3x4x2.3 cm

Power and Working voltage

Aware A1 – 9V DC

Aware A2 – 3V DC (4x NiMH, Lithium or Alkaline AA batteries)

Aware A3 – 12V DC

Technical data

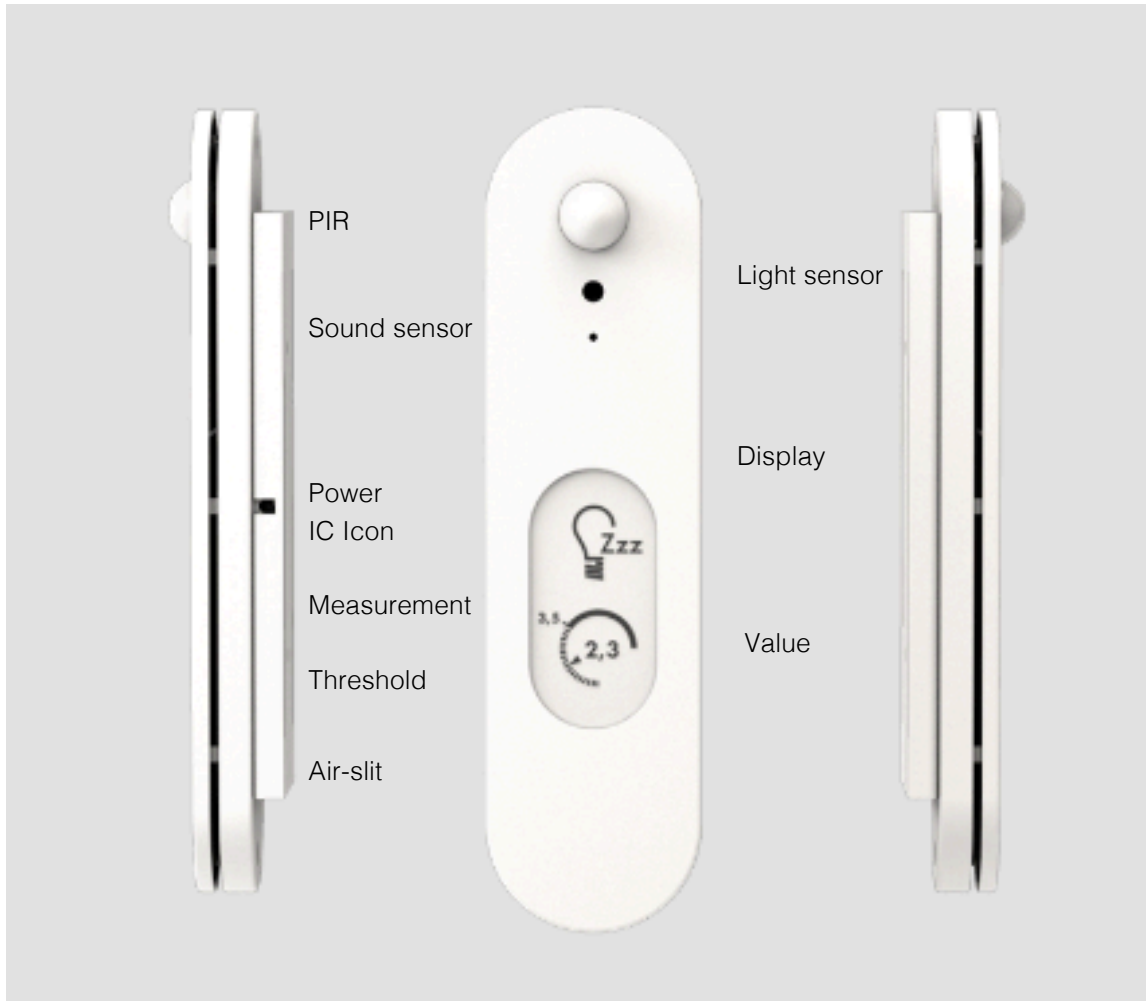
Parameter	Value
Maximum operating temperature	
	Aware A1: 40 °C
	Aware A2/ A3: 50 °C
Network / Zone	Sigfox / European zone RC1. (Class 0u)
Maximum mounting height	2 m
Operating Frequency	868.130 Mhz (862.000-876.000MHz)
Antenna Type / Gain	Internal ceramic antenna/ 0.30dBi
Output Power	12dBm

Device Lifetime

5 years limited warranty



For further technical information on specific sensors within the device please get in touch.



- Do not obstruct the air-slit on the sides of the device.

There is a risk of fire if the product is used with a different power cable to that supplied.

- Only use the product (AW1/ AW3) with the original power cable or Tracy.

