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Datasheet
ATRS0049

Clicky Comfort Sensor v4.2

 **LoRa Alliance Certified™**

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Document history

Version	Date	Comment	Author
1.0	14-02-2018	Initial release	RG
1.1	20-02-2018		RG
1.2	10-04-2018	Added LoRa Alliance certification	RG
1.3	22-01-2020	Update specs, version number	SdS

ATRS0049

Compact, LoRaWAN specification 1.0.2 compliant, Class A, 868MHz, battery powered, automatic room condition sensor unit with multiple sensors. Ideally suited to create 'Smart Meeting Rooms' and 'Smart buildings'.

The onboard sensors register:

- Temperature
- Humidity
- Light
- Sound
- CO₂
- Human presence (movement)
- Human interaction (using the pushbutton)
- Battery level



Specifications

Functionality	Multisensor LoRaWAN Class A device
Power supply	2x 3,6V Lithium, size AA batteries (not included)
Battery life	12+ months (typical; 100 x per day reporting)
Operating temperature	0 °C to +50 °C
Sensors	CO ₂ , Light, PIR, Relative Humidity, Temperature and sound
Antenna	Integrated 3,0 dB
Chipset	Semtech (SX1276) + STM (STM32L)
Processor	STM32L0, ARM Cortex-M0+
Water resistance	Indoor use only
Dimensions	(LxH) Ø44 mm x 13 mm
Weight	105 gr.
Certifications	CE, LoRa Alliance certified
Controls	Dashboard on International Clickey Cloud Portal (ICCP)
Portal Data storage	3 months rolling, CSV-file download and graphs

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