Connected
AirWits Sigfox

Low cost, energy efficient temperature and humidity monitoring device for challenging indoor environments

This battery powered, wireless device remotely monitors temperature and humidity in any building or facility. Simple installation, many integration options and a battery life of up to 15 years makes this maintenance free device ideal for deployments at scale across multiple properties and regions. The device supports Sigfox 0G connectivity and comes with a 5-year warranty.

Temperature (-40 ... 60C)

Humidity (-40 ... 95%)

- Up to 15 years battery life

- Enhanced battery management maximizes the use of battery capacity – no wasted energy

- Maintenance free (set up and forget)

- Remote configuration, updates and management

- Multi-zone communication with data sent every 30-min (configurable)

- Six times faster data transmission enables even 5 times longer battery life than before

- Simple, disruption free installation (no expert skills needed)

- Easy data access through APIs and optional dashboard

ConnectedInventions

Engineered in Finland.

5 YEARS WARRANTY

Technical Data

Device:	AirWits is a wireless IoT temperature and humidity metering device.
Size:	80x80x27mm
Enclosure Material:	ABS plastic white
IP Rating:	IP20
Batteries:	3x AA 3.6V Lithium, 8100 mAh with supercapacitor 45V/mAh
Battery Life:	Up to 15 years depending on use case
Working Conditions:	Temperature -40 … 60 °C
Measuring Range:	Temperature -40 … 60 °C, Humidity 0 … 100 %
Accuracy:	Temperature ±2ºC (-40ºC to +60ºC), Humidity ±2% between 10 … 90%
Connectivity:	Sigfox 868MHz (RC1), 902MHz (RC2), 920MHz (RC4)
Antenna:	Internal 3dBi Helical antenna
Certifications:	CE, FCC, Sigfox
Warranty:	Five-year manufacturer's warranty

sigfox

ConnectedInventions