


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 (600bps) 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



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 $\pm 0.2^{\circ}\text{C}$ (-40°C to +60°C), Humidity $\pm 2\%$ between 10 ... 90%

Connectivity: Sigfox 868MHz (RC1), 902MHz (RC2), 920MHz (RC4). 100/600bps.

Antenna: Internal 3dBi Helical antenna

Certifications: CE, FCC, Sigfox

Warranty: Five-year manufacturer's warranty

