Oak Series
Indoor Climate Intelligence

Model: OakSenses
Wall Sensors

OakSense is the Setpoint brand of wireless climate node sensors.

These devices can be installed in any combination, to create custom coverage for every room layout. Small, modern and aesthetic, they carry out essential data flow for a fully automated climate experience.

✔ **High end precision**
✔ **Wireless and Long lasting**
✔ **Quick proximity pairing for easy installation**

OakSense Temperature / Humidity
Installation in strategic locations gives an accurate reading of external temperature and humidity, providing essential data for smart climate control.

OakSense Window/Door
Detects opened/closed windows and doors in controlled zones, allowing instant system adaptations, to preserve climate comfort while saving energy.

OakSense PIR
Provides precise Infra-Red motion detection in controlled zones and leads the climate intelligence platform to operate according to users' routine, contributing to long term system learning.

	OakSense Window/Door	OakSense Temperature/ Humidity	OakSense PIR
Body Dimensions	2.64' x 0.79' x 0.90' 67mm x 20mm x 23mm	2.64' x 0.79' x 0.90' 67mm x 20mm x 23mm	3.35' diameter x 0.79' 85mm diameter x 20mm
Total Weight	1.45 oz 41g	0.56 oz 16g	1.94 oz 55g
Wireless Range	Up to 100 ft (30M) through walls	Up to 100 ft (30M) through walls	Up to 100 ft (30M) through walls
Operating Voltage	2xAAAA (4A) battery	2xAAAA (4A) battery	4xAAA (3A) battery
Operating Time (Lab Tested)	4 years	3 years	3 years
Operating Temperature	-32ºF~158ºF -0℃~70℃ Extended ranges available upon request	-32ºF~158ºF -0℃~70℃ Extended ranges available upon request	-32ºF~158ºF -0℃~70℃ Extended ranges available upon request
Integral Temperature Sensor	NA	Range: beyond operation range Accuracy: 0.4°F 0.2°C	NA
Integral Humidity Sensor	NA	Range: 0-100% Accuracy: 2%	NA
Integral Occupancy Sensor	NA	NA	Beam width: 97° (H) x 106° (V) 23 feet (7m) movement detection range.
Additional Wired Sensors	NA	Temp. range: -67~+257°F -55~+125°C Accuracy: 0.9°F (14~+185°F range) 0.5°C (-10~+85°C range)	NA
Operating Frequency	2.4GHz	2.4GHz	2.4GHz
RF Transmission Power	19dBm	19dBm	19dBm
Certification	FCC ID: 2ALPH-E18	FCC ID: 2ALPH-E18	FCC ID: 2ALPH-E18