

AMBIENT SENSOR

Ambient sensor is a completely wire-free sensor which can measure ambient temperature. The sensor transmits this information over a secure wireless connection to the Gateway for monitoring and actuation. The compact and aesthetic design of the sensor ensures that it can be mounted unobtrusively on a desktop.

The ambient sensor is designed to work as a part of Honeywell Zone Based Smart Cooling Solution. Parameters of the ambient sensor such as data transmission interval and Gateway mapping are configurable via an app at the time of commissioning



FEATURES

- Ambient Temperature measurement
- Desktop mountable
- Coin-cell battery (CR2477N)

FUNCTIONAL SPECIFICATIONS	
Temperature range	0°C to 50°C <ul style="list-style-type: none">Accuracy: ±0.4 °C (max)
Humidity range	0–80% RH lux <ul style="list-style-type: none">Accuracy: ±4% RH (max)
Data transmission interval	5 min

WIRELESS OPERATING PARAMETERS	
Operating Frequency	ISM 2.4 – 2.4835GHz
RF Data Rate	250Kbps Max
Wireless range	50ft (LOS) (Wireless Analog Controller)
Encryption	AES 128-bit
Network status indication	via software

POWER	
Operating Voltage	3V DC
Operating Current	180 *A nominal
Battery	CR2477N Battery (950 mAh)
Battery Life	2 years*
Low battery indication	via software

* For a polling rate of 5 mins

PACKAGING INFORMATION

Product Dimensions	Cylindrical, Height: 26.20mm, Diameter:36.97mm
Product weight (approx)	20g (inclusive of battery)
Housing material	ABS plastic
Rating	IP 20
Colour	Black, White
Product code	HON-AS-OA0-W-PC, HON-AS-OA0-B-PC
Package contents	Sensor, battery, mounting screw

ENVIRONMENTAL PARAMETERS

Operating temperature	0°C to 50° C
Storage temperature	-20°C to +70°C

CERTIFICATION & COMPLIANCE

- CE certified
- WPC certified
- RoHS compliant

For more information,

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Ambient Sensor | 01 | 10/22
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