

AMBIENT SENSOR

HON-AS-0A0-W

Honeywell's Ambient Sensor is a completely wire-free, comprehensive sensor which can measure ambient light, ambient temperature and humidity levels. The sensor is designed to transmit this information to the Honeywell Gateway for monitoring. The compact and aesthetic design of the sensor ensures that it can be mounted anywhere – on a desktop or the wall.

The ambient Sensor is designed to work as a part of Honeywell's Lighting Management Solution and Honeywell's HVAC & Air Quality Monitoring Solution.



FEATURES

- Temperature Range: 0 -55°C
- Light Range: 0 – 10000 lux
- Humidity Range: 0-100% Rh
- Accuracy:
 - Temperature: $\pm 0.4^{\circ}\text{C}$
 - Humidity: $\pm 3\%\text{RH}$
 - Lux: $\pm 15\%$
- Wireless Protocol: ZigBee
- Powered by Coin-cell Battery

WIRELESS OPERATING PARAMETERS

- Operating Frequency: ISM 2.4-2.4835 GHz
- Protocol Supported: IEEE 802.15.4
- Transmit Power Output: 0dBm
- RF Data Rate: 250Kbps Max
- Receive Sensitivity: -90 dBm

TECHNICAL SPECIFICATIONS

PACKAGING INFORMATION

Product Dimensions	Height: 30mm, Diameter:25mm
Housing Material	ABS Plastic
Rating	IP 20

ENVIRONMENTAL PARAMETERS

Storage Temperature	-40°C to 85° C
Operating Temperature	0°C to 55° C

CERTIFICATIONS

CE Certified

For more information,
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