



Winner of the AHR Expo Innovation Award in Building Automation: The O3 Sensor Hub 2.0



PIONEERING THE FUTURE OF HVACR TECHNOLOGY

CO-SPONSORS: AHR EXPO ASHRAE AIAA

[READ ABOUT THE AWARD WINNING O3 HERE](#)



SAFE, NO-TOUCH ENVIRONMENTS BY DESIGN

The O3 Creates a New Touchless World, With Less Risk of Contagion

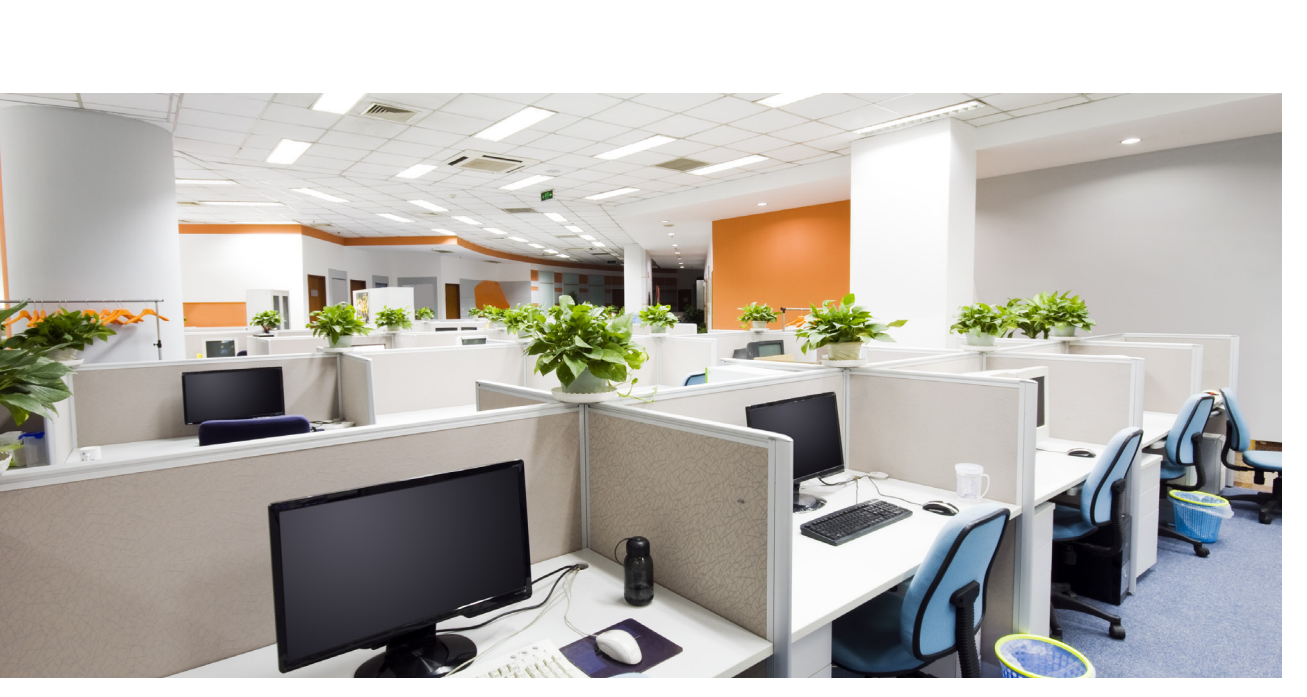
- Installed on your ceiling, controlled by an app, no touching needed
- Control your environment with your phone
- Control lighting, fresh air, temperature, and even AV screens



THE OCCUPANT EXPERIENCE

O3 Sensor Hub 2

EXPERIENCE THE BEST ROOM CONTROL ON THE MARKET



With advanced temperature sensing, the O3 provides a more comfortable environment for you and your staff. The O3 reacts to changes in temperature and people entering and leaving a space faster than any other sensor on the market.



YOU HAVE A BEAUTIFUL SPACE, STOP COVERING IT IN PLASTIC!

Sleek, smart, and efficient, the O3 is designed to complement a room, not distract from it. Installed on the ceiling, the O3 provides the best vantage point for better control and better detection, without cluttering your walls.



ENERGY SAVINGS



With seven different sensors onboard, the O3 utilizes Sensor Fusion to enhance occupancy detection and temperature reading. The O3 reacts fast when you leave the room—turning off lights, reducing heating and ventilation, saving you money.

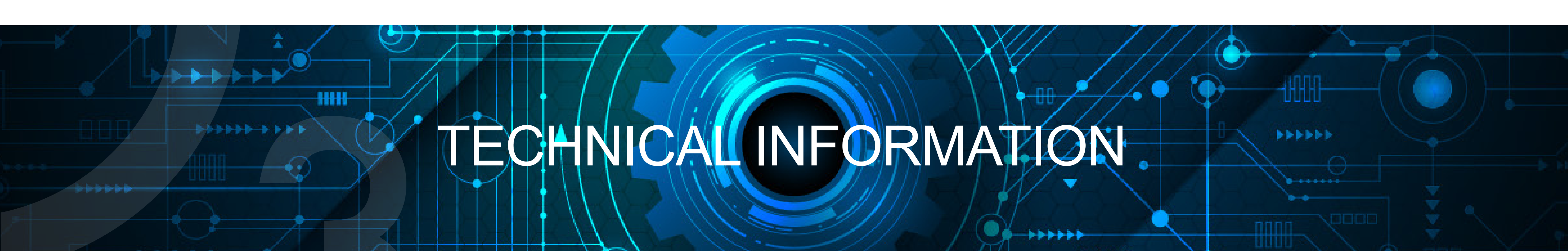


OUT OF THE BOX

THE O3 CAN BE CONFIGURED OUT OF THE BOX WITH JUST A SMARTPHONE.

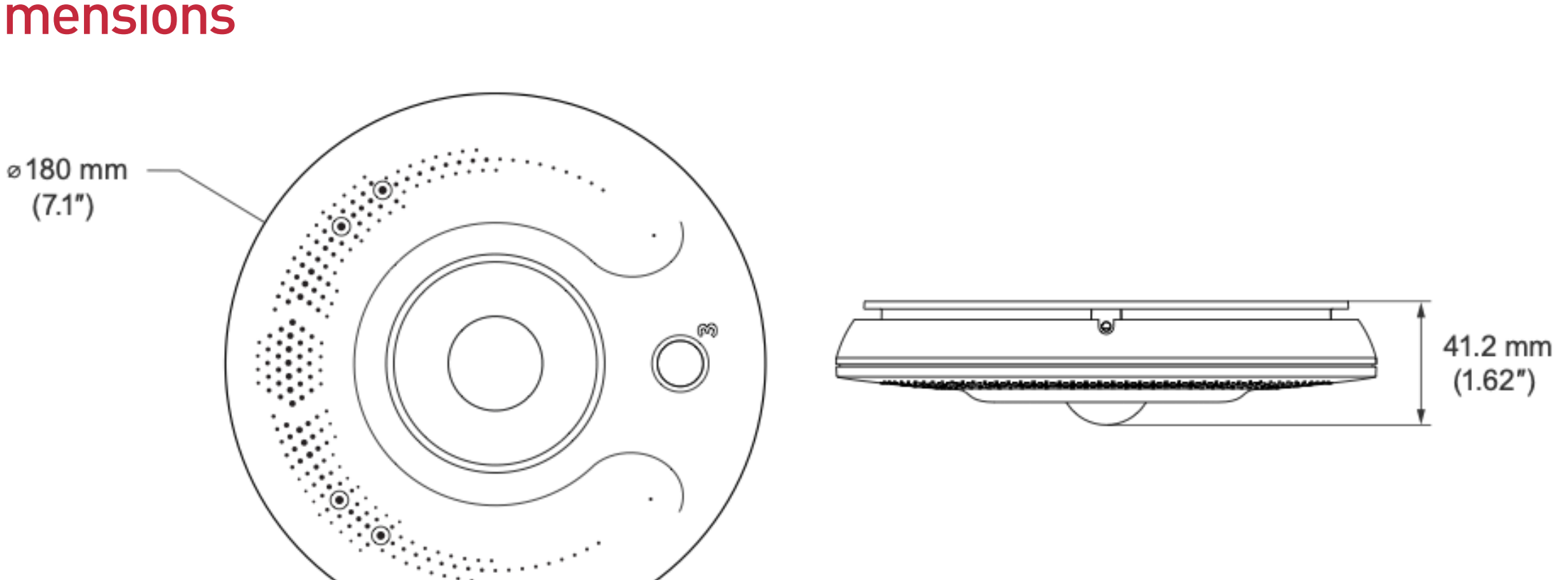


Cloud configuration allows you to set up devices ahead of time and quickly downloading and then quickly download configurations on site via the app.



TECHNICAL INFORMATION

Dimensions



Ordering

O3 -HUB2	Sensor hub (temperature, humidity, light motion), Bluetooth, LED ring, microphone and speaker, with mounting plate
O3 -HUB2-2xP	Sensor hub (temperature, humidity, light motion), Bluetooth, LED ring, microphone and speaker, 2 universal I/O, input (0-10V, 0-5V, 10 kΩ) or output (20 mA source, 10 mA sink), with mounting plate

Specifications (Continued)

Audio Output
1.5 W mono speaker for tones and audio output

Connectors
Removable screw-type terminal connectors

Wiring Class
Class 2 / SELV

Power
24 VDC (20-28 VDC), 2 W typical, 9 W max (per 2xP) or 10 W max (2xP), Class 2

Technology
Arm® Cortex-A7 MPU + Cortex-M4 MCU
512 KiB SRAM
4 GiB eMMC flash memory
Real-time clock (RTC)
Supercapacitor power backup for RTC

Communication Ports
Dual Ethernet (10/100Base-T)

Interfaces and Protocols
BACnet (BACnet/IP, BACnet/Ethernet)
MQTT (MQTT over BACnet/Ethernet)
RS-485

Ambient Rating
0°C to 40°C (32°F to 104°F)
10% to 90% RH (non-condensing)

Dimensions
180 x 41.5 mm (7.1 x 1.6 in.)

Weight
350 g (12.3 oz)

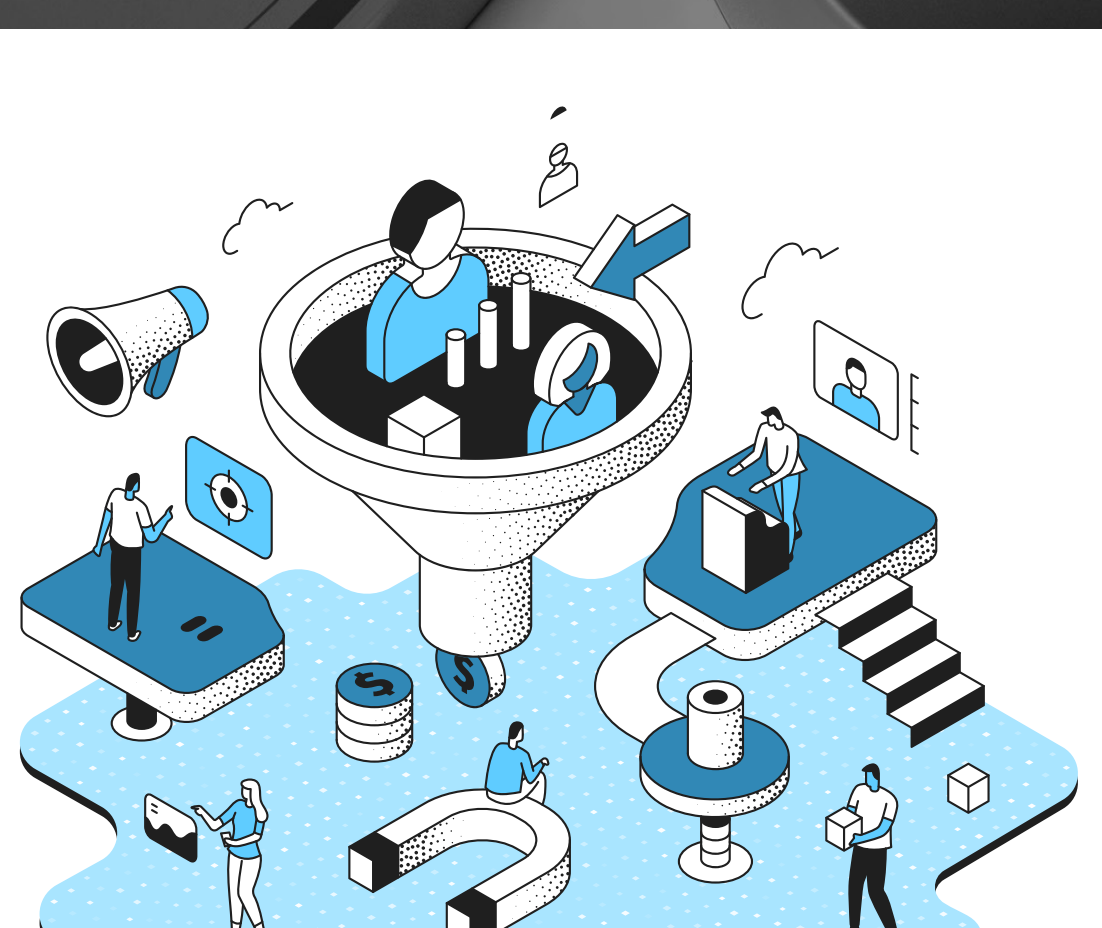
Compliance
CE
FCC
NCC (in progress)

Listing
UL Listed
UL 916 Listed

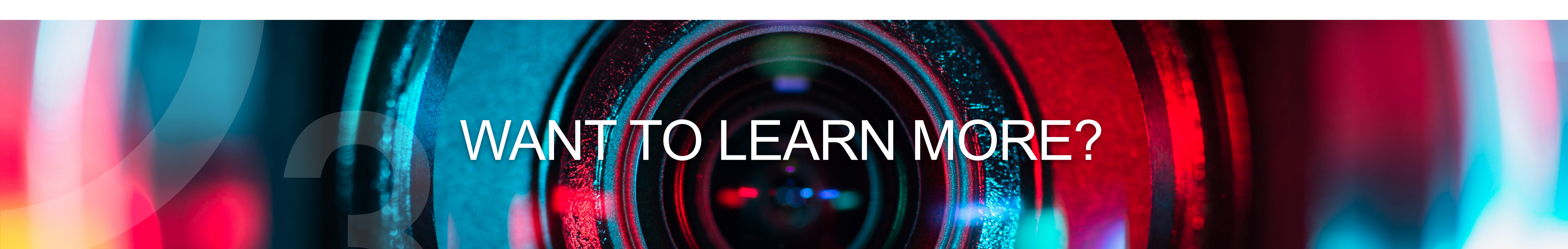
Updated January 2021



WHERE CAN YOU GET THE O3?



On Amazon: [Learn more on our O3 Page](#)
On Corporate site: [Purchase Options](#)



WANT TO LEARN MORE?

John's Sensor Fusion video and occupant experience videos cover most of the additional messages that we've brainstormed. We can include those to make sure that we're covering those messages. We can use a link to the clean O3 campaign as noted above. Support site, sales, purchase options in icons at bottom.