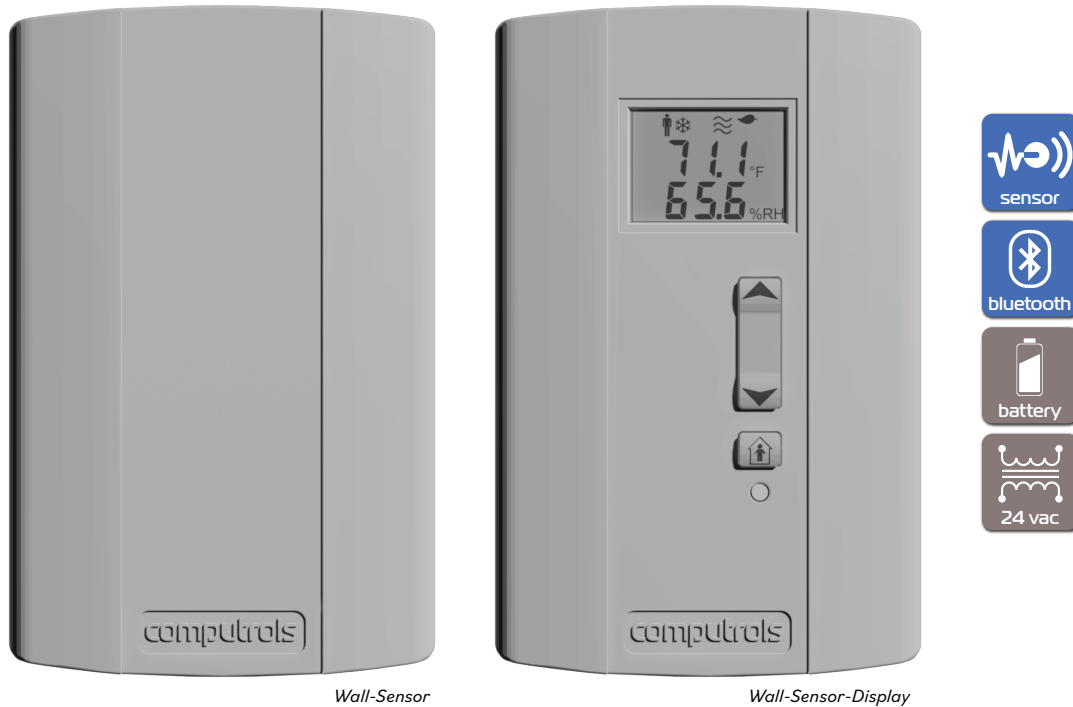


### Wall Sensor

Using wireless communications, you can locate new wireless Wall Sensors in even the most difficult places in minutes. Get reliable temperature, humidity, CO<sub>2</sub>, and VOC data into your building automation system in no time. For installations with existing wiring, the Wall Sensor also has a wired option.



## Product Highlights

### Wireless Connectivity

Using Bluetooth Low Energy (BLE), the Wall Sensor sends data directly to your UNI-C or Core Connector and subsequently back to Computrols Building Automation Software (CBAS).

### Long Battery Life

The Wall Sensor leverages the latest battery and energy technology to guarantee 5 years of maintenance free operation. Providing Low Battery notifications both at the Sensor and in the software, use these early warnings for convenient replacement and zero down-time.

### Large Custom Display (Optional)

Each Wall-Sensor-Display model has a large, readable custom display. This display provides occupants with as much (or as little) information as you wish: Temp, Humidity, Occupancy, Fan Status, etc.

### Indoor Air Quality (IAQ)

Safeguard against high CO<sub>2</sub> from overcrowding and poor ventilation, and capture other pollutants known as volatile organic compounds (VOCs).

### Mobile App Configuration

A single button press on the Wall Sensor reveals all of its options right on your smartphone.

## Wall Sensor Models



Hardware Specifications		Wall-Sensor	Wall-Sensor-IAQ	Wall-Sensor-Display	Wall-Sensor-Display-IAQ
<b>Computer</b>	<b>Processor:</b> 32-bit ARM Cortex-M0 <b>Memory:</b> 256 kB non-volatile, 32 kB RAM	✓	✓	✓	✓
<b>Communications</b>	<b>Wireless:</b> Certified Bluetooth 4.2/BLE <b>Legacy:</b> UNI-B/VAV-B Wall Sensor Wiring	✓	✓	✓	✓
<b>Power</b>	<b>Battery:</b> (2) 3.6V AA, 2.4Ah <b>Wired:</b> 24VAC or 24VDC <b>Legacy:</b> UNI-B/VAV-B Wall Sensor Wiring	✓	✓	✓	✓
<b>Dimensions</b>	5x3.19x1.08"	✓	✓	✓	✓
<b>Temperature Sensor</b>	<b>Type:</b> Silicon Thermistor <b>Range:</b> -40 to 250 °F <b>Accuracy:</b> +/- 0.35 °F	✓	✓	✓	✓
<b>Humidity Sensor</b>	<b>Type:</b> Relative Humidity <b>Range:</b> 0 to 100 %RH <b>Accuracy:</b> +/- 2 %RH	✓	✓	✓	✓
<b>CO2 (IAQ Models Only)</b>	<b>Type:</b> Nondispersive Infrared (NDIR) <b>Range:</b> 0 to 2000 ppm <b>Accuracy:</b> +/- 30 ppm		✓		✓
<b>VOC (IAQ Models Only)</b>	<b>Type:</b> Metal Oxide (MOx) <b>Range:</b> 0 to 1000 ppm <b>Accuracy:</b> +/- 15 VOC index points		✓		✓
<b>User Interface (Display Models Only)</b>	<b>Display:</b> 73 Segment Custom LCD <b>Buttons:</b> (1) Up/Down Rocker, (1) Home <b>Indicators:</b> (1) General Purpose LED			✓	✓

## Software Features

<b>Customizable Screens</b>	Display screens are easily configured through CBAS.
<b>Overtime Request</b>	The CBAS-Programmable Home button can be used to request Overtime Air, using a programmable time interval.
<b>Mode Control</b>	CBAS-programmable Mode Page exposes options like: Heat, Cool, Auto, etc.
<b>Fan Control</b>	CBAS-programmable as single to three-speed fan, or Fan/Off/Auto.
<b>IAQ Display</b>	CBAS-programmable Leaf Indicator as well as CO2 and VOC values on the IAQ Page.

## Related Products

<b>Computrols App</b>	Available for download for iOS and Android devices, the Computrols App is used for field interaction with Wall Sensors. This includes: Configuration, Status Viewing and Programming.
<b>UNI-C-AP UNI-C-P UNI-C-X</b>	All Wall Sensor models work natively and pair easily with these Computrols Wireless controllers. Typical applications include space sensing for Unitary and VAV control.
<b>Serial-Connector</b>	The Computrols Serial Connector connects to the Building Automation Network via a CAT5/6 network connection and supports up to 3 RS-485 communication channels.
<b>8-LX-BLE 16-LX-BLE 32-LX-BLE 64-LX-BLE</b>	To utilize Wall Sensors in legacy systems, first convert legacy LX controllers into BLE-compatible products. Then use the Computrols App to pair new Wall Sensors with these products.
<b>VAV/UNI-B-AP VAV/UNI-B-P VAV/UNI-B-X</b>	All new Wall Sensor models are designed to utilize wall sensor wiring from these legacy devices, supporting both power and communications.

