



### Applications

The Allure RS-Smart-Sense room sensor provides precise environmental zone control for temperature, fan speed, lighting, and sunblinds with the following controller applications:

- Fan coil units
- Roof top units
- Heat pumps
- Unit ventilators
- Lighting and sunblind applications

The Allure RS-Smart-Sense room sensor can be used as a classic wall-mounted room device or as a hand-held tool to:

- Set the MAC address of the controller
- Configure the basic parameters of the controller

### Overview

The **Allure RS-Smart-Sense** room sensor, with its touch-sensitive color display, offers a user-friendly interface that provides immediate and easy control of each space comfort parameter (lighting, temperature, sunblinds, and fan speed) while providing instant access to four predefined scenes. These integrated scenes can be easily assigned to recall specific settings or preferences in a room or office space.

The Allure RS-Smart-Sense sensor is customizable to fit any interior design. The sensor is available in two colors: ivory or black, and is supplied with an additional brushed aluminum style front plate.

An integrated sensor automatically regulates the Allure RS-Smart-Sense sensor backlight intensity depending on the room's ambient luminosity while discretely providing the utmost reading comfort.

The innovative ECO-Vue™ leaf pattern graphically indicates the impact of the user settings on the global building energy efficiency to encourage the occupants to follow the supervisor's recommendations.

A password protected technician mode allows the integrator to perform commissioning, basic settings, and troubleshooting. For example, it can be used to set the controller's BACnet MAC address during commissioning when the Allure RS-Smart-Sense sensor is connected to a BACnet compatible controller.

The Allure RS-Smart-Sense sensor is designed to interface with Distech Controls' RCL/RCB-PFC Series controllers, RCL-Light/Blind series controllers, and the RCL-ITR LONWORKS interface. Connection is made through a plug and play RJ9/RJ9 cable (not included).

### Features & Benefits

- The full color, touch sensitive color screen and intuitive interface provides real-time control of temperature, fan speed, lighting, sunblinds, and occupancy management
- Up to four scenes stored for instant access to favorite comfort parameters
- Customizable icons and different types of front plates (brushed aluminum and glossy black, or brushed aluminum and ivory) to fit any project and suit aesthetic needs of architects and building owners
- ECO-Vue leaf pattern graphically indicates energy efficiency in real time to promote an occupant's energy-conscious behavior and therefore save energy costs
- Screen backlight dimming adjusts automatically to the room's ambient light
- Occupancy control to extend system's normal operating hours provides increased flexibility
- Integrator access to the controller's main functionality for configuration purposes (see Hardware Installation Guide for more information).
- A single plug and play cable to connect both power and communication for easy installation and system retrofit at reduced costs (RJ9 connection).
- The Smart-Sense Room Control mobile app complements the Allure RS-Smart-Sense room sensor and demonstrates how to manage the room comfort parameters.

## Allure RS-Smart-Sense Sensor



Models	Allure RS-Smart-Sense-I (Ivory)	Allure RS-Smart-Sense-B (Black)
Front Plate Colors <sup>1</sup>	Brushed Aluminum Style Ivory	Brushed Aluminum Style Glossy Black
Front Plate Material	PMMA (Brushed aluminum) Dibon (Ivory)	PMMA (Brushed aluminum) Dibon (Glossy black)

1. These two (2) colors are included with each model.

### ECO-Vue Icon

Distech Controls recognizes that the human factor must be considered when designing a building for energy efficiency. To encourage occupants to be as green as possible, the Allure RS-Smart-Sense sensor has an ECO-Vue icon that shows more leaves when the occupant chooses a setpoint close to the BMS commands. This helps to promote awareness for energy consciousness and to save operational costs. See [Allure RS-Smart-Sense End-User Manual](#) for more information.



Low energy efficiency



Moderate energy efficiency



Higher energy efficiency



Highest energy efficiency

### Complementary Product

#### Free Mobile App: Smart-Sense Room Control

The Smart-Sense Room Control free mobile application nicely complements the Allure RS-Smart-Sense sensor by demonstrating how you can easily manage your room comfort parameters (occupancy, fan speed, lighting, sunblinds, temperature, and scenarios).



## Related products

### HVAC Controllers



RCB/RCL-PFC  
Series Controllers

WSPCert and BACnet configurable controllers and LONMARK® certified configurable controllers designed to control a wide variety of terminal units such as powered fan coil units, unit ventilators, chilled ceilings and small air handling units



RCL-Light/Blind  
Series Controllers

LONMARK® certified configurable controllers designed to offer an optimal solution for lighting and sunblind management within open plan offices and buildings.

### LONWORKS Interface



RCL-ITR

LONMARK® Certified Room Manager with LONWORKS® Interface and 4-Channel RJ9 Inputs Expander.

### Wiring



CBL-003	RJ9-RJ9 cable - 30cm (11.8 in) length
CBL-05	RJ9-RJ9 cable - 5m (16.4 ft) length
CBL-08	RJ9-RJ9 cable - 8m (26.2 ft) length
CBL-12	RJ9-RJ9 cable - 12m (39.3 ft) length

