



A perfect balance of simplicity
and sophistication

The all-in-one SpaceLogic™
Touchscreen Room Controller



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In the dynamic landscape of modern spaces, the precision of room control stands as a pivotal force, influencing both energy savings and user experience. SpaceLogic™ Touchscreen Room Controller is designed to elevate these critical aspects, ensuring not only operational efficiency, but also a seamless, intuitive interaction that harmonizes with the ever-evolving needs of occupants.



Elevate control and efficiency

Designed to deliver customized room environment control, this all-in-one room controller with built-in sensors is set to modernize user experience and building efficiency. Flexible management of the device supports different methodologies for seamless building operation. Discover our new room controller that combines precise control with high customization options.



Innovation meets intuition

Tailor-made to fit any complex and high-end HVAC application with dozens of different use cases supported by unparalleled customization options. Cutting-edge features seamlessly integrate with an intuitive, user-friendly interface and modern aesthetics. Enriched applications extend beyond HVAC to include control of lights and blinds, creating a unified room experience.



Redefine operational and energy efficiency with our all-in-one controller

At the heart of the SpaceLogic Touchscreen Room Controller lies a flexible platform built for the future. It is the first commercial room controller to offer AI at the edge, which maintains comfort and reduces energy consumption by adjusting HVAC systems based on the building's real-time thermal and energy patterns.

Design meets functionality



Color options and customizable UI

Black and white casing versions with customized themes, buttons, setpoint options, standby image and data parameters, 22 languages support

Glass cover

Single sheet of glass across the front with no plastic fascia

Wireless support

Optional Wi-Fi or Zigbee™ support, ideal for retrofits, with the ability to connect wireless sensors

Superior touchscreen

Smooth experience with seamless swiping and scrolling through 4.3" capacitive 226 PPI (480x800) screen

Open protocols support

Standard BACnet MS/TP and Modbus RTU support

Built-in sensing

For PIR-based motion detection, and light, temperature and humidity measurement

RGB LED backwash

Customized for different modes of operation and notifications (optional)



Key benefits of SpaceLogic Touchscreen Room Controller:



Intuitive design and customizations

- Immersive occupant experience with incorporated brand logo and design
- Choice of interface style (slider vs buttons) and display components
- Promotion of activities and value-add services
- Luxury design elements, like display light reduction
- Two classic casing colors and optional RGB backwash to match room décor



Powerful functionality

- Support for common HVAC applications – rooftop unit, fan coil, heat pumps
- Adjustable sensibility depending on application and enhanced built-in PIR to match your requirements, enhance efficiency and comfort of operations
- Configurable Universal I/O points for maximum flexibility in accommodating various types of input/output devices
- Flexibility to customize sequence to fit any uncommon or specific room application



Simple installation and use

- Simplified, streamlined setup with commissioning screens
- Native support with EcoStruxure Building Operation (version 2024 or newer)
- Native integration for simple, fast firmware upgrades over BACnet
- Easy-to-read enhanced labeling for wire terminals
- Reduced installation time
- Free software uploader tool
- Wired and wireless connectivity and sensors simplify new or retrofit installations



Reduced energy use, improved comfort

- Dynamically adjust HVAC settings
- Maintain optimal room conditions in compliance with ASHRAE 55 standards
- Use energy only when needed with an Eco Mode using AI “at the edge”
- Manage energy use during peak demand for further savings and control with automated demand response (ADR)



Delivering value at every level:



Building owner

- Increase occupant satisfaction by providing personalized experience to control their surrounding
- Maintain well-being and comfort of tenants with convenient and easy-to-use interface
- Ensure the building meets environmental market standards
- Reduce energy consumption and improve operational efficiency with advanced room control, such as AI at the edge.



Facility manager

- Utilize easy integration into existing systems
- Improve building efficiency by retrofitting the space with minimum spending
- Reduce disruption to occupied spaces thanks to fast commissioning
- Ensure peace of mind with the controller meeting cybersecurity standards



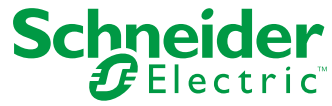
System integrator

- Save installation and commissioning time compared to conventional controllers
- Use the free uploader tool to connect to the controller for fast mass deployment
- Choose between several convenient options to commission via the screen or tool
- Win more projects with a comprehensive high-end solution that supports advanced applications

Utilize the room controller of the future for a more sustainable, resilient, efficient, and people-centric building



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