



SE7000 Series Room Controllers



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Schneider
Electric

Powerfully simple temperature control

Efficient building control.

You can now take full control of your building's HVAC whether retrofitting existing systems with technologically-advanced room controllers, or opting for an easy-to-install and commission alternative for new projects. The SE7000 Series room controllers from Schneider Electric™ offer a simple yet powerful and cost-competitive solution, that is ideal for hotels, hospitals, schools, offices, or any of today's commercial or retail buildings.

Facility managers can benefit from a selection of built-in, application specific control options, which have been designed to simultaneously increase the overall comfort of building occupants while reducing energy costs.

Simple yet elegant high-performance product features that deliver proven solutions with the added benefit of providing significant energy savings.

Schneider Electric's SE7000 Series room controllers bridge the gap between standalone sensors and intelligent building management systems (BMS), delivering simplified automation and communications to a broad range of building types.



SE7000 Series Room Controllers

- Wired or wireless functionality
- Automatic energy savings with optional integrated passive infrared (PIR) motion sensor
- No extra components or special tools required
- Simple and fast installation
- Easy-to-understand, menu-driven
- LCD display



Digital stand-alone and communicating controllers



SE7200 Series
Zoning, heating/cooling



SE7300 Series with motion sensor
Fan coil, three speed fan



SE7600 Series
Roof top or heat pump



The controllers offer an ideal, cost-competitive solution for hotels, hospitals, schools, offices, or any of today's commercial or retail buildings.

Lower total installed cost

Schneider Electric's room controllers integrate both power and simplicity into a compact, "thermostat-like" enclosure. Advanced features address today's demanding building management needs such as wired or wireless functionality, occupancy sensing and monitoring functions – all at a lower total cost than typical direct digital controls (DDC) with external sensors. Room controllers bridge the gap between the cost of stand-alone thermostats, and the performance of DDC systems by simplifying installation to use existing wiring and reducing commissioning time when controlling roof top units, fan coil units, terminal units and heat pump applications.

An embedded configuration utility and easy-to-understand, menu-driven LCD display offers added flexibility and facilitates installation and commissioning of the SE7000 Series. Installation can be performed quickly without any specialised labour or special tools. Existing building control wiring can also be reused to further lower project installation costs as new wiring is eliminated – reducing installation time and accelerating return on investment.


Accelerate your return on investment with simplified installation and reduced energy waste.

Occupancy & humidity sensing

The SE7000 Series room controllers provide inputs and outputs for most HVAC applications, as well as relative humidity sensing options and built-in occupancy sensing capabilities for demand-based occupancy control. The PIR motion sensor and advanced occupancy algorithms open up new opportunities in smart energy management, ensuring maximum energy savings for unoccupied rooms at all times.

Additional energy savings are obtained by automatically setting back the temperature to a standby mode when no motion is detected within a space.



A photograph of a modern bedroom. The room features a large bed with white linens and several pillows, including two with a light blue and white geometric pattern. A dark wood headboard is visible behind the bed. To the left, a bedside table holds a lamp with a white shade and a vase of white flowers. A window with a white blind is visible on the far left. The text "Unparalleled flexibility and scalability to your new installation and retrofit projects." is overlaid on the right side of the image.

Unparalleled flexibility and
scalability to your new installation
and retrofit projects.

Open communication & wireless flexibility

Room controllers support several wired and wireless open communication protocols, including ZigBee® Pro, BACnet®, and LonWorks®. Communication can also be implemented after deployment by adding small communication modules inside the room controllers. All these options provide unparalleled flexibility and scalability to your new installation and retrofit projects. You now have the freedom to choose!

Room controllers, enabled by our wireless communication options (ZigBee Pro), use mesh network topology for optimal redundancy and reliability. Using wireless communication reduces project installation labour, time and costs. This can be advantageous for retrofit projects where running new communication wiring is cost-prohibitive, or simply not feasible due to physical obstacles within the building.

A simple, scalable solution at a lower total cost of ownership.

Future-proof your building with a scalable solution

Maintaining the value, efficiency and control of your facility's systems over the entire lifespan of your building is very important to us. For that reason we have also designed our room controllers to seamlessly integrate into both our EcoStruxure Building Expert and Building Expert software solutions, as well as other Schneider Electric BMSs. Integrated control of HVAC, lighting and metering is simplified and future scalability assured with a reliable, cost-effective BMS that meets all your requirements.

Energy savings can be further optimised through optional occupancy sensing features and wireless window and door switches. Now your occupants can control a room to their ideal temperature - all while you benefit from increased energy savings.



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For more information,
please visit www.schneider-electric.com/room-controllers

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