

solutions



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NetZeroWeek™
17th - 23rd July 2021



WiREMS

reducing carbon emissions locally and globally

WiREMS

Maintain comfort, save money and reduce carbon emissions

We can deliver a powerful return on your investment

We help businesses to significantly reduce energy costs and lower carbon emissions without changing the comfort levels that your building users need. Our clever energy-saving device makes sure that your investment is paid back quickly and then you can enjoy lower energy costs and emissions on an ongoing basis.

Our British designed and manufactured WiREMS technology is easy to install with little or no wiring, depending on which device you choose. You can expect a payback of between 6 – 12 months as our occupancy energy controller stops wastage from your air-conditioning and lighting, in rooms that are not being used. Our technology also has an optional door and window sensor to stop expensive heating and cooling from escaping outside whilst the room is occupied, saving even more money.

We don't drop comfort levels but we do drop your energy bills and carbon emissions

www.emissis.com



Features

- Wireless control of up to two power sources on a room occupancy basis (additional Relay Module required)
- Compatible with all major air-conditioning manufacturers' wall controlled or remote-controlled air conditioners
- Setback temperature setting to maintain an energy-saving comfort level in unoccupied rooms
- Temperature settings to prevent excessive heating/cooling of rooms
- Expandable technology
- Mains or battery operation (up to 2 year battery life)
- Choice of restart options 1) automatic on detection of movement or 2) manual restart
- Can be wall or ceiling mounted
- Radio signal communication with separate Relay Module and all sensors – up to 10 meter transmitting range
- Up to 127 different room codes and additional floor codes to prevent signal crossover
- Programmable time delay from 15 to 60 minutes



Technical

Relay Module

- Designed to switch off up to two power sources including lighting on a room occupancy basis
- Mains or battery operation (up to 2 years battery life)
- Low battery signalling alarm to the WiREMS unit
- Radio signal communication from the WiREMS
- Power sources will be turned off 15 minutes after occupants depart (adjustable)
- Easy to install with minimal wiring

Window and Door Sensor

- No wiring required
- Turns the air conditioner off if a window or door has been left open
- Door sensor prevents air conditioners from turning off if occupants are static for long periods e.g. hotel bedrooms, meeting rooms etc
- Radio signal communication with separate Relay Module and all sensors – up to 10 meter transmitting range
- Mains or battery operation (up to 2 year battery life)



In operation WiREMS delivers

- Significant reductions in energy consumption and carbon emissions
- Turns the air conditioner and up to two additional power sources off (additional Relay Module required) once occupants have left the room
- Prevents occupants from excessively heating/cooling the room
- Strong return on investment; payback typically 6 to 12 months
- Preserved lifespan and reduced maintenance/repair costs of cooling and lighting equipment

| Low cost, high impact technology



Reduce your air-conditioning and lighting energy demand without changing comfort levels

About Emissis

We deliver a powerful suite of solutions that reduce your carbon emissions, save you money with lower energy bills and generate revenue from being a more flexible energy user with the help of today's leading technology.

Contact

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