

Intelligent Management of Automated Window Systems



CintrolNet is a
WiFi based network
system which enables
the **smart control** of
window systems

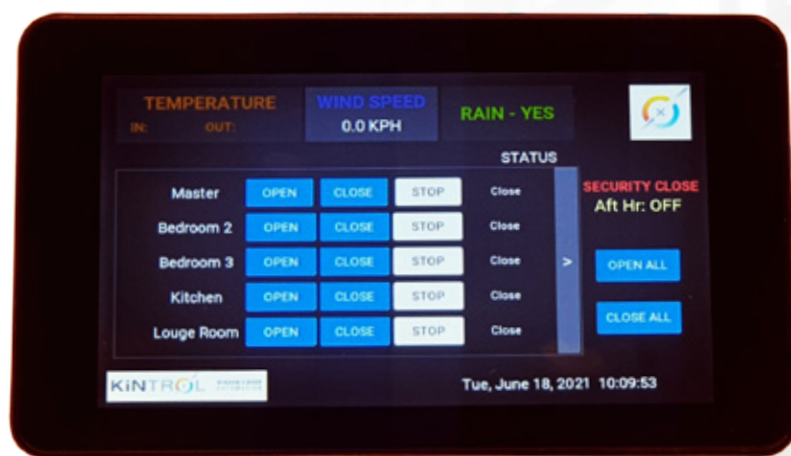
Kintrol window control systems use WiFi networks to integrate with other building management systems such as air conditioning, heating and fire monitoring, to regulate room temperature and ventilation.

As the virtual heart of your system, CintrolNet maintains the parameters that you set by efficiently managing the flow and quality of air throughout your building.

Let's say you set your windows to open at a specific time in the morning. If the interior sensors detect the maximum desired temperature, your windows can be automatically closed, enabling the air-conditioning system to control the temperature.

Even smarter, if the sensors detect external smoke, rain or strong winds when your windows are open, CintrolNet responds by closing. Kintrol products are engineered specifically for Australian climates and the same intuitive functionality monitors and responds to wind direction, fire, dust, gases and moisture from both rain and humidity.

With CintrolNet, smart buildings respond to varying weather and air quality conditions efficiently and effectively, regulating internal benchmarks for climate comfort and safety.



CintrolNet touchscreen controller

SUSTAINABLE, ENERGY SAVING ADVANTAGES

Providing comfort by controlling interior climate conditions, automated air temperature and air quality monitoring enables huge energy savings. Greater energy efficiency is achieved by maximising the use of natural air flow, quality and temperature, and minimising our reliance upon HVAC heating and cooling systems to provide comfortable air conditions.

VERSATILE CONTROL OPTIONS

The primary control of Kintrol's CintrolNet systems is from our dedicated touchscreen controller.

These enable users to set a combination of timer and condition reactive parameters to effectively automate the system. Two touchscreen controllers can provide user management from a choice of different locations. In this scenario varying levels of operation authority are available so that the primary device always has priority over the secondary device.

The current state of the touchscreen controller can also be monitored from smartphones and tablet devices using our app. Additionally this can enable the modification or activation specific functions such as opening or closing windows.

Once our automated window systems are set, they regulate the air flow to your requirements, and minimise interaction. Manual operational capabilities are available to take immediate control when required.

EASY INSTALLATION

CintrolNet offers simple 'plug 'n' play' supply and / or installation.

With reduced need for hard wiring, it uses WiFi to connect to numerous Sub Operation WiFi Units (SOWU's) which enable the smart operation of all types of window, door and blind actuators.

Reducing the time to install and materials required also represents a cost saving to traditional and often complex electrical wiring systems. It makes installation both during construction and retrofit simple and easy.

SAFETY AND SECURITY

Fire and smoke are a genuine threat. Protecting your health from hazardous pollutants and preventing your building interior from becoming hot or smoky, CintrolNet can ultimately help keep you and your premises and contents safe and is a potentially life-saving asset.

Security management is also an important factor. CintrolNet's timer functions can be preset to automate window, door and curtain closure at specific times of day or night.

AUSTRALIAN EXCELLENCE

CintrolNet is designed, developed and manufactured in Australia, and there is no compromising quality. Our build standards reflect the high-level specification and performance of our products and components.

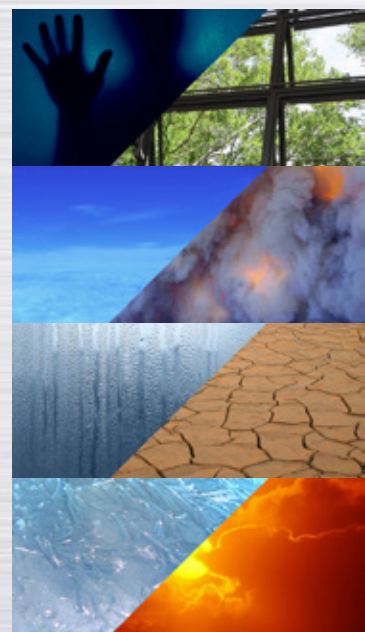


CintrolNet is installed in educational establishments across Australia



FEATURES

- No need for complex on-site programming, giving significant cost efficiency
- Commissioning, settings are standard password protected custom-made for each installation
- Operation and viewing of current modes are available from two different locations and from a smart device using our app
- User interface icon designs and sizes are adjustable and can assist with operation by visually or agility impaired persons
- SOWU's reduce complex wiring and networks during building, construction or retro fit and reduce installation costs
- Manual switches to open / close windows, doors and curtains can be installed at selected locations and connected to each SOWU
- Adjustable touch screen settings enable opening and closing at adjustable, pre-determined times
- Windows can be opened to varying amounts between closed and open
- On board battery backup retains the most recent settings if mains power is lost
- Most third-party building management devices can be automated using WiFi and with the addition of an operation switch module.



Kintrol is a leading Australian window & door automation specialist. Our versatile solutions can bring life to any and every size and shape of window or door, with mechanical and hybrid products that create smart, sustainable environmental conditions in homes, businesses and public spaces. Contact us today for more information.

TEL: **07 3390 1955** EMAIL: **sales@kintrol.com.au**

P.O. Box 1230, Capalaba, QLD 4157 Australia