



ASSA ABLOY

Catalogue

Aeris[®] Smart Window System



3 YEAR
ELECTRICAL
WARRANTY

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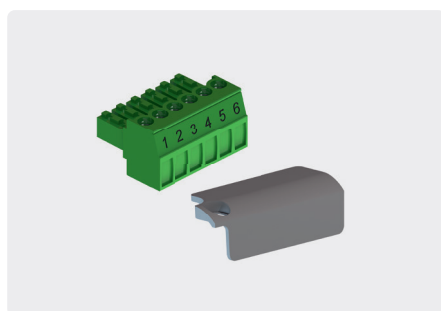
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Note: The Lockwood Aeris is related to the Yale Aeron and offers suitable replacement product for your existing Yale Aeron products. Please consult an authorised representative for further details and assistance.



Aeris® Smart Window System

Experience effortless control with the Lockwood Aeris® Smart Window Control System – the smarter, simpler way to manage your windows, wherever you are. Open or close them with ease using a wall switch, the Aeris® Wireless Remote, or from anywhere in the world through the Lockwood Home App.¹

Perfect for hard-to-reach or heavy windows, Aeris® brings seamless, remote-controlled convenience to your fingertips. From a single hub, you can manage up to 30 windows, individually or in groups offering complete flexibility to suit your lifestyle.

Installation is straightforward. There's no complex wiring, simply power each unit and the advanced Zigbee mesh network does the rest. Choose your preferred level of ventilation with four preset opening positions (100mm, 150mm, 200mm, 250mm) and a 75mm vent position for natural airflow and improved energy efficiency.

Designed with safety in mind, Aeris® supports compliance with the Building

Code of Australia – Prevention of Falls from Windows when set to a 100mm opening and used with approved window systems. It also integrates effortlessly with third-party building management and fire systems using a hardwired setup, ensuring compatibility with broader smart home ecosystems.

As part of the Lockwood smart ecosystem, Aeris® connects effortlessly with other Lockwood smart devices. Including smart locks for complete control across your home. Instantly close every window when locking up for the night or heading out, giving you total peace of mind with a single touch.

Designed to evolve with you, Aeris® grows as your needs change, offering intelligent, secure and effortless window control in any season.

Note: Aeris® wiring must be completed by a licensed electrician. Please ensure that all wiring is completed by a professional to be compliant as governed by local building codes, regulations, and/or laws.

Product Details

Application	• Awning and casement windows • High, out of reach windows • Conveniently open single or a group of windows • Commercial buildings • Residential buildings
Chain Limiting	Limit chain between 100-250mm at 50mm increments
Materials	Actuator body: Cast zinc Sash bracket: Cast 304SS Chain: Stainless steel 304 Pivot bracket: Pressed Stainless steel 304
Finish	Black, White or Special Colours
Window Sizes	Maximum Window width Single Actuator - 900mm Maximum Window width Double Actuators* - 2400mm Minimum Window height - 300mm
Dimensions	310L x 45W x 36H (dimensions are in mm)
Part Number	LWAR/WSWA/1/BLK LWAR/WSWA/1/WH LWAR/WSWA/1/SPEC

¹ Lockwood Home Hub required.

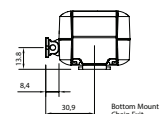
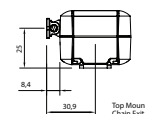
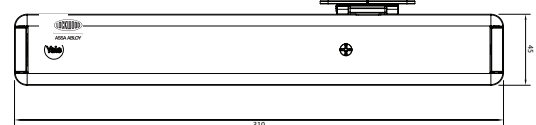
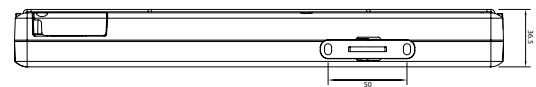
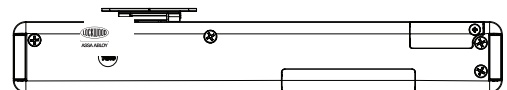
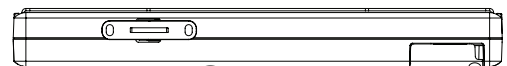
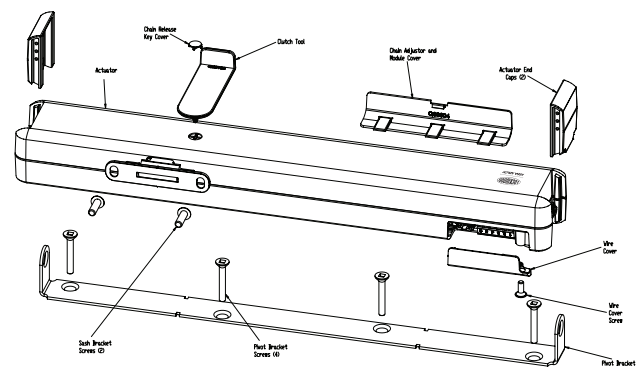
* Must be in Sync connection.

Aeris® Smart Window System



Benefits

- Provides automated operation of awning or casement windows that are too high or too large to be manually operated
- Unit can be top or bottom mounted with no additional parts required
- Provides natural ventilation: heating or cooling (depending on the climate)
- Smart Home technology gives capability for smart automation of window operations
- Contributes to an energy efficient home
- Operated via wall switch, wireless remote or Lockwood Home App*
- Automatically close windows when it rains with the additional Rain Sensor
- No complicated network wiring required
- Over The Air (OTA) updates for the smart accessories
- Retrofittable to Conel and Elevation Actuators



Lockwood Home



Yale Home

ZigBee
Member

*** Note:** Lockwood and Yale smart products work seamlessly together, letting users control them through either the Lockwood Home App or Yale Home App.

Aeris® Smart Window System

Window Sizes

- Maximum Window width Single Actuator - 900mm
- Maximum Window width Double Actuators* - 2400mm
- Minimum Window height - 300mm

Note: Actuator chain may need to be restricted, based on the sash size, as per the Aeris® window matrix.

* Must be in Sync connection.

Aeris® Actuator Features

- **Smart app control** – Manage all window actuators through the Lockwood Home App, with easy preset options like ‘closed,’ ‘vent,’ ‘half,’ and ‘full’ for quick adjustments.
- **Whisper-quiet performance** – Operates at just 55dB, even at full load, for minimal noise disruption.
- **Synchronised operation** – Actuators with 24V DC motors can work together in unison, allowing for smooth, synchronised window movement.
- **Ideal for wide windows** – Sync two actuators for larger window spans, ensuring efficient and balanced opening and closing.
- **Secure sealing** – Provides a strong 9kg closing force, keeping windows tightly sealed when shut.
- **Built to last** – Features a 304-grade stainless-steel chain, offering superior durability and corrosion resistance.
- **Adjustable chain length** – Easily set predefined window opening limits using a slide switch, tailoring ventilation to your needs.
- **Simplified installation** – A removable sash bracket and chain release key make installation hassle-free, even without a power connection.
- **Wireless setup** – Once powered, the actuators connect wirelessly via Zigbee Mesh technology—no additional wiring needed unless using a hard-wired wall switch.
- **Expanding Zigbee Mesh network** – Each actuator strengthens the network, reducing the need for multiple Lockwood Hub devices across the home.
- **Multiple control options** – Operate your windows with the Lockwood Home App, a handheld remote, or a wall switch—offering flexibility to match your lifestyle.
- **Versatile compatibility** – Suitable for awning and casement windows, and compatible with both timber and aluminium window frames.

Aeris® Smart Window Actuator Item Numbers

Description	Part Number
Lockwood Aeris Wireless Actuator Black	LWAR/WSWA/1/BLK
Lockwood Aeris Wireless Actuator White	LWAR/WSWA/1/WH
Lockwood Aeris Wireless Actuator Spec	LWAR/WSWA/1/SPEC

Accessories

Description	Part Number
Lockwood Home Hub	LWA/HUB
Lockwood Aeris System Zigbee Remote	LWAR/SWAA/ZRT
Lockwood Aeris Actuator Zigbee Module	LWAR/SWAA/ZMD
Lockwood Aeris Sync Loom	LWAR/SWAA/SSL
Lockwood Aeris Standard 24vdc Power Supply	LWAR/SWAA/SPS
Lockwood Aeris Rain Sensor and Adaptor	LWAR/SWAA/SRS

Spare Parts

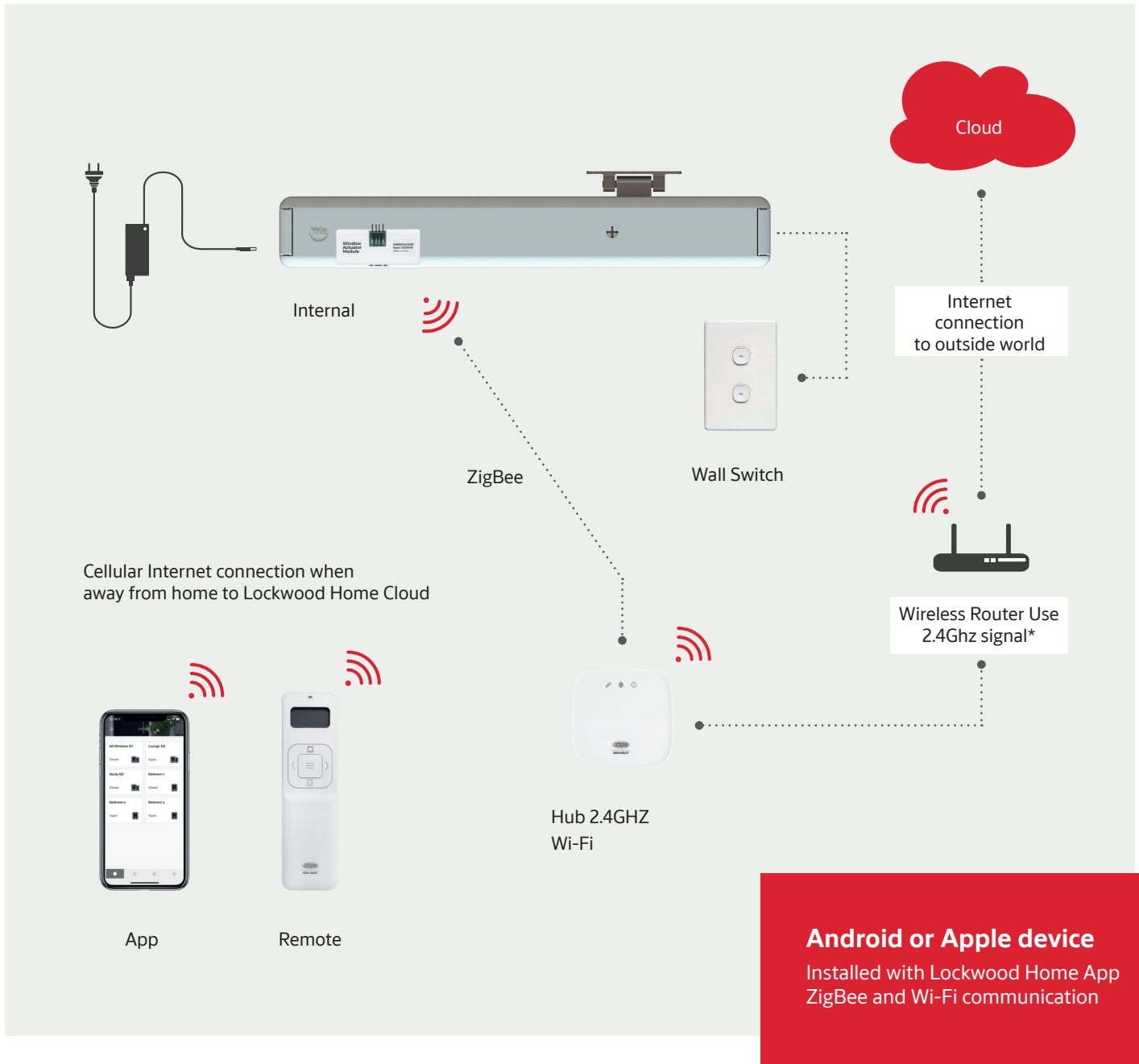
Description	Part Number
Lockwood Aeris Actuator Accessory Pack	LWA/HUB
Lockwood Aeris Actuator End Cap Black	LWAR/SWAA/ZRT
Lockwood Aeris Actuator End Cap White	LWAR/SWAA/ZMD
Lockwood Aeris Actuator End Cap Spec	LWAR/SWAA/SSL
Lockwood Aeris Pivot Bracket	LWAR/SWAA/SPS
Lockwood Aeris Wiring 6pin Connector Plug	LWAR/SWAA/SRS
Lockwood Aeris Rain Sensor	LWAR/SWAA/RS

Other Notes:

- 24V DC Power supply needs to be ordered separately; One power supply has enough power to operate 2 actuators (Sync setup) / windows.
- If two actuators are synchronised, they will only count as one device on the system. Wireless module must be removed from the Slave unit and slave unit must use power supply from master unit instead of having its own power supply.
- A Lockwood Hub is required for wireless setup and connectivity, including use of Wireless Remote or smart Lockwood Home App. Lockwood Hub is the primary device offered with the Aeris® system, but alternative devices listed on the website as compatible with Aeris® may be used.
- Maximum of 10 actuators can be connected to one wall switch. For optimal performance, AWG26 cable is recommended with 30m maximum run lengths.
- Maximum of 30 actuators can be connected to one remote.
- Maximum 30 actuators and 4 remotes can be connected to Hub.
- Hard-wired rain sensors will only operate the actuator directly wired to sensor.

Aeris® System Overview

Product Operation Overview



*** Note:** Connection between Wireless Router and Hub requires 2.4Ghz signal. Please ensure that this is used, manually selecting this option if required. Refer to your Wireless Router or Internet Service Provider for specific details for your system.



Aeris® System Wireless Remote

Working within an advanced Zigbee mesh network created by the pairing of all your Aeris® Window Actuators together, the Aeris® Remote ensures smooth, reliable communication across your entire system.*

With its sleek design and intuitive controls, the Aeris® Remote can manage up to 30 window actuators. Open or close individual windows or group of windows at the touch of a button.

Heading out or locking up for the night? Instantly close all windows in a single action when grouped together, giving you complete peace of mind before you leave.

Installation is simple. The Aeris® Remote includes an Engineering Mode, allowing installers to test actuators without the need for an internet connection. For more details, simply scan the QR code on the back of the device.

Note: Indoor use only

Hints and Tips

Low Battery Alert: When the battery drops below 20%, the LED flashes red slowly every 2 seconds as a reminder to replace the batteries

Sleep mode: To preserve battery life, the remote automatically enters sleep mode after 10 seconds of inactivity.

OTA (Over The Air Update):

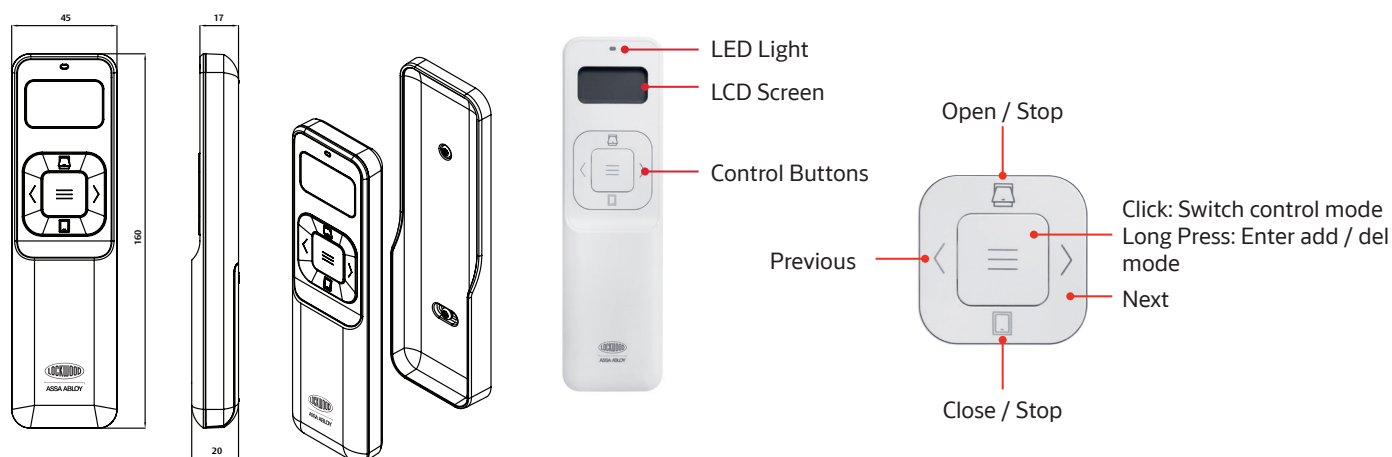
- Keep your remote running smoothly with wireless software updates.
- During an update: The LED flashes green.
- Update successful: The LED illuminates green for 3 seconds.
- Update failed: The LED illuminates red for 3 seconds.
- OTA updates happen automatically when new software is available.

Product Details

Application	• Commercial buildings • Residential buildings
Dimensions	160H x 45W x 20D (dimensions are in mm)
Environment	Operational temperature range 0° to +60°C
Finishes	Snow White
Humidity	90% @ 35°C
Materials	White Polycarbonate
Part Number	LWAR/SWAA/ZRT

* A Lockwood Hub is required for initial installation and setup of the devices. Once the Zigbee mesh network has been established, the Aeris Wireless Remote can control the Aeris Window Actuators without the need for an active Lockwood Hub connection.

Aeris® System Wireless Remote



Benefits

- Clear, day-and-night visibility – A 1.30-inch LCD interactive display keeps controls easy to read.
- Smart LED indicators – Different colours and patterns signal various operations at a glance (Refer to Remote Manual for detailed information).
- Battery-saving Auto Sleep Mode – Conserves power by switching the screen off when not in use.
- Always up to date – Supports over-the-air (OTA) updates for continuous improvements.
- Easy pairing & setup – Get started in seconds with a simple pairing process.
- Powerful window control – Manage up to 30 windows, grouped into four independent zones.
- One-touch operation – Instantly open or close all windows for convenience and security.
- Onsite testing made easy – Engineering mode allows installers to test actuators without an internet connection.
- Seamless app integration – Sync window grouping and positions from the Lockwood Home App.
- Instant error alerts – Built-in error message lights notify you of any issues.
- Reliable connectivity – The Zigbee mesh network extends range* and keeps all actuators connected.
- Pre-assigned grouping – All windows start in Group 1 (G1) and can be reassigned as needed.
- Low battery alerts – Stay ahead with notifications when it's time to recharge.
- Quick factory reset – Restore settings with just a few steps.
- Convenient wall cradle – Magnetic mount keeps your remote securely in place when not in use.

Factory Reset

On the back of the remote, beneath the battery cover, you'll find the factory reset button. To reset the remote:

1. Ensure the batteries are inserted.
 2. Use a paperclip to press and hold the reset button for 5 seconds.
 3. The LED on the front will flash green, confirming the reset is complete.
 4. Once restarted, the remote will automatically enter pairing mode.
- Actuator Grouping: All actuators are assigned to Group 1 (G1) by default and cannot be removed. Groups 2–4 can be modified as needed.
 - Engineering Mode: Press and hold "Confirm" and "Left Button" for 5 seconds until the LED turns solid green and the screen displays 9 and 99. To exit, remove the battery or reset the remote. Once actuators are connected to the Lockwood Hub/Lockwood Home App, Engineering Mode cannot be reactivated.



Lockwood Home Hub

Take smart home control to the next level with the Lockwood Home Hub – your central hub for complete window automation, wherever you are.

Open, close, half-open, or vent your windows with ease, while adding or removing devices, creating groups, and customising names for a personalised experience that suits your home.

Supporting up to 30 Aeris® Actuators and 4 remotes, the Home Hub delivers reliable connectivity with an extended range.* Designed to work seamlessly with the Lockwood Home App, it also integrates effortlessly with other Lockwood smart devices, giving you a connected, intuitive home experience.



Features and Specifications

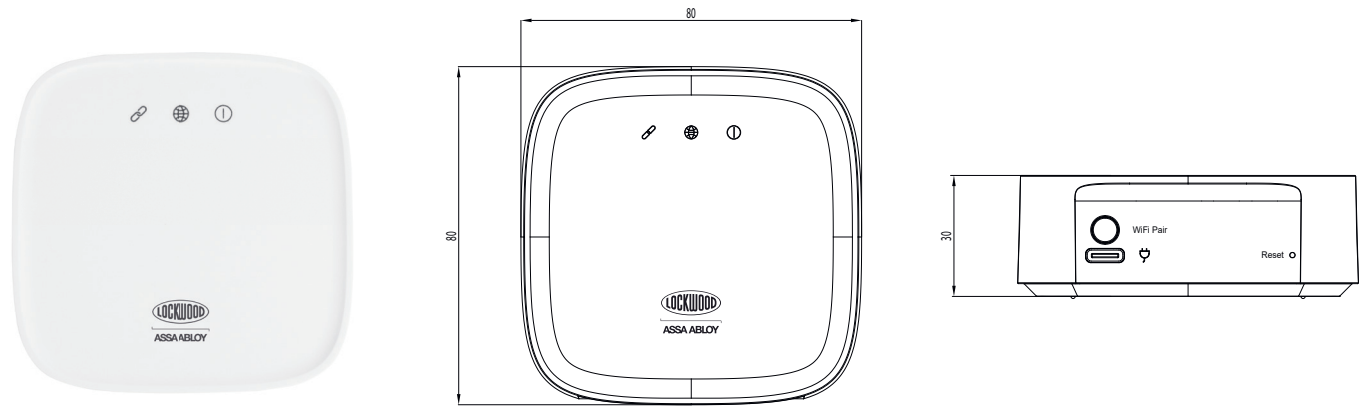
- Grow your Lockwood Home Automation: Supports up to 16 Bluetooth and 30 Zigbee Lockwood/Yale smart home devices
- Expand the capabilities of your Lockwood Home by enabling new features including DualDoor™ Technology**
- Seamlessly manage your Lockwood smart devices from anywhere using the Lockwood Home App
- Enables smart home connectivity
- Simple app-driven set-up process

* Home size, layout and building material can impact performance. Medium and larger sized home may require additional devices for full coverage

** DualDoor™ Technology requires pairing the Unity Screen Door and your Lockwood Smart Lock with the Lockwood Home Hub.

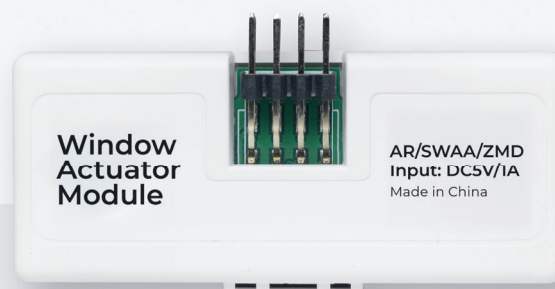
Lockwood and Yale smart products work seamlessly together, letting users control them through either the Yale Home or Lockwood Home app.

Lockwood Home Hub



Product Details

Compliance	Regulatory Compliance Mark (RCM) for Australia and New Zealand
Communication	Wi-Fi 2.4GHz, Zigbee & Bluetooth V4.2
Dimensions	80h x 79w x 28d mm
Power	5VDC/1.0A power adaptor through USB-C port
Plug Type	I plug
Operating Temperature	0-60 deg (For Hub), 0-40 deg (For Power Adapter) Indoor use only
Operating Humidity	10-90% Non-condensing
Part Number	LWA/HUB



Aeris® Wireless ZigBee Module

The Lockwood Aeris® Wireless Zigbee Module brings effortless wireless connectivity and smart functionality to your Aeris® Window Actuator. Acting as a communication bridge, it seamlessly relays commands between the Lockwood Home Hub, the actuator, and other devices within the Zigbee mesh network – ensuring smooth, reliable performance across your system.

This essential component transforms the actuator from a hard-wired setup into a fully wireless solution, unlocking the convenience of remote control through the Lockwood Home App. Simply connect via the Lockwood Home Hub, and you're ready to go.

Every Aeris® Actuator comes wireless-ready with the Aeris® Module pre-installed, but it can be removed or replaced if required. For synchronised connections, ensure the slave actuator does not have a module installed.

Note: Indoor use only

Hints and Tips: Module interchangeability

The Lockwood Aeris® Module can be removed if required, but it's also what gives each Aeris® Window Actuator its unique identity within the network.

You can move the module between actuators without losing configuration – its ID remains the same within the Lockwood Home App or Aeris® Remote.

This flexibility is especially useful during setup, allowing you to:

Configure all modules in one location before installation.

Reassign actuators easily without resetting the entire system.

A simple, intelligent way to streamline installation and tailor your Lockwood Aeris® Smart Window System to your needs.

Product Details

Communication	ZigBee
Dimensions	58W x 25H x 7.3D (dimensions are in mm)
Power	5 VDC/1.0A (Powered by Aeris Host Actuator)
Operating Temperature	0-40°C
Humidity	10-90% Non-condensing
Finish	Matt White
Compliance	• Regulatory Compliance Mark (RCM) for AU & NZ • FCC Part 15b Compliance (Actuator with Zigbee module) • FCC Part 15C Compliance (Zigbee module FCC ID: 2A9SQ-SWAAZMD) • ICES-003:2020 ISSUE 7 (Actuator with Zigbee module) • Industry Canada (Zigbee module IC ID:29955-SWAAZMD)x

Aeris® Wireless ZigBee Module



Benefits

- Operate window actuators wirelessly with Remote or the Lockwood Home App*
- Zigbee mesh certified
- Easy to install/remove from the actuator
- Wireless Aeris® Module allows Aeris® actuator to register on the App hassle-free
- QR code scannable

*** Note:** Lockwood and Yale smart products work seamlessly together, letting users control them through either the Lockwood Home App or Yale Home App.



Aeris® Rain Sensor

Let the Aeris® Rain Sensor do the thinking for you.

Designed to work seamlessly with the Lockwood Aeris® Smart Window Control System, the Aeris® Rain Sensor automatically closes your windows at the first sign of rain. Keeping your home protected, no matter the weather.

The Lockwood Aeris® Rain Sensor, shown on the following page, features an integrated mounting bracket for quick and easy installation on the exterior of your building.

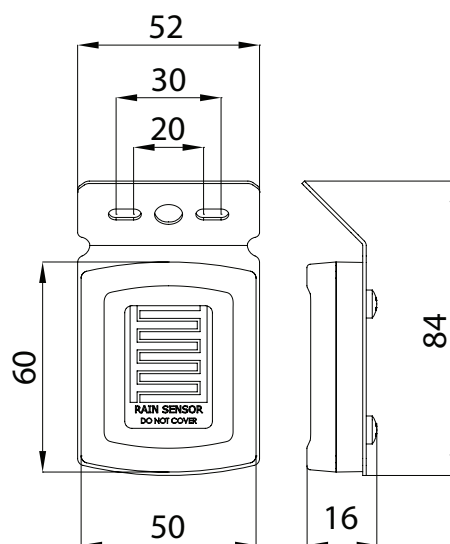
Product Details

Dimensions	60H x 50W x 16D (dimensions are in mm)
Materials	Body: Durable Acetal UV Stable
Bracket	Stainless Steel 304
Voltage	24-32 VDC
Current	Standby Current: 50mA Operating Current: 350mA
Environment Operational Temperature Range	0° to +60°C
Humidity	90% @ 35°C
Cabling Loom	2m
Part Number	Rain Sensor: LWAR/SWAA/RS Rain Sensor And Adaptor: LWAR/SWAA/SRS

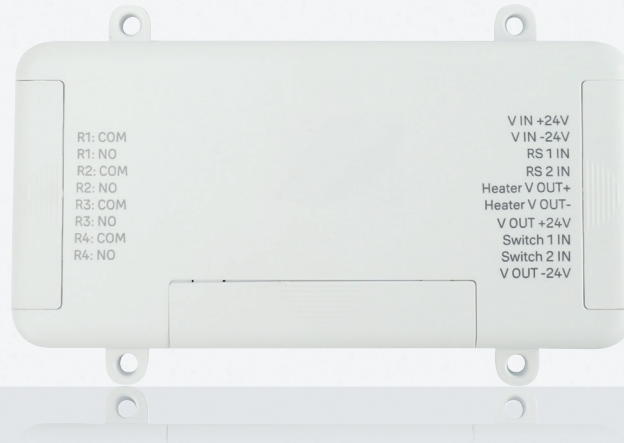
Note: Aeris Rain Sensor and Adaptor only works with Hard-wired connection. It does not have wireless functionality.

One Rain Sensor and Adaptor is required for each hard-wired wall switch circuit.

Aeris® Rain Sensor



The sensor connects directly to the Lockwood Aeris® Rain Sensor Adaptor Module (see following page), which is then wired into the hard-wired circuit of Lockwood Aeris® Window Actuators for reliable, automatic rain detection and window closure.



Aeris® Rain Sensor Adaptor

Easily link your Aeris® Window Actuators to the Aeris® Rain Sensor using the Aeris® Rain Sensor Adaptor. Enjoy seamless control and automated weather protection without the hassle.

Simple and seamless, the Lockwood Aeris® Rain Sensor Adaptor connects to the Aeris Rain Sensor, allowing up to 10 windows to be controlled via a standard wall switch. Designed to sit discreetly behind the wall near the switch, it's ideal for managing windows connected to a wired circuit.

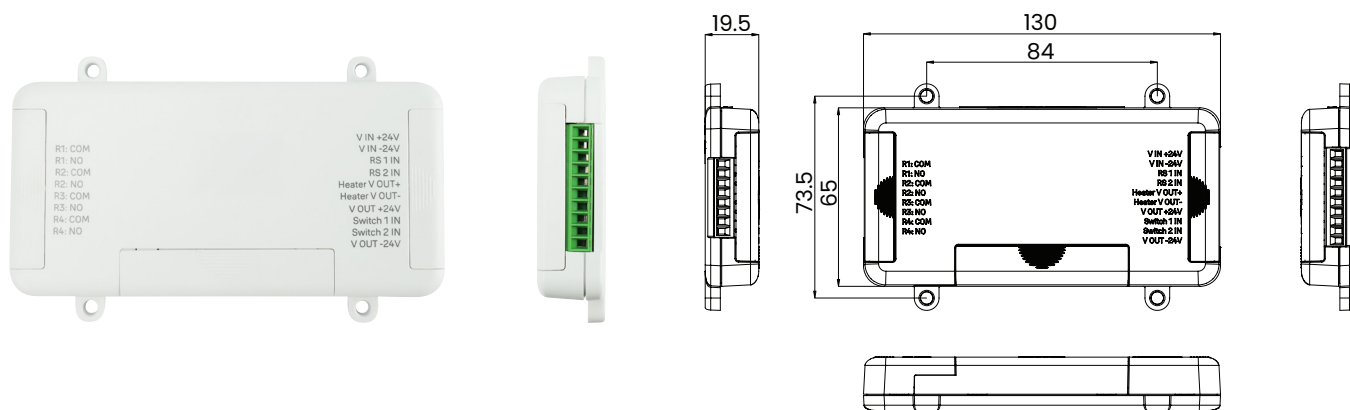
Product Details

Dimensions	130H x 82W x 20D (dimensions are in mm)
Materials	ABS White Plastic
Bracket	Stainless Steel 304
Voltage	24-32 VDC
Current	Standby Current: 50mA
Environment Operational Temperature Range	0° to +60°C
Humidity	90% @ 35°C
Cabling Loom	2m
Part Number	Rain Sensor Adaptor: LWAR/SWAA/RS Rain Sensor And Adaptor: LWAR/SWAA/SRS

Note: Aeris Rain Sensor and Adaptor only works with Hard-wired connection. It does not have wireless functionality.

One Rain Sensor and Adaptor is required for each hard-wired wall switch circuit.

Aeris® Rain Sensor Adaptor



Aeris® Accessories & Spare Parts

A full range of accessories and spare parts are available to support the installation and customisation of your Aeris® Smart Window System, ensuring seamless integration and long-term reliability.

LWA/SWAA/SPS: Lockwood Aeris® Standard 24vdc Power Supply

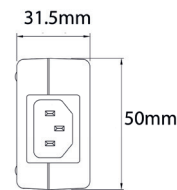
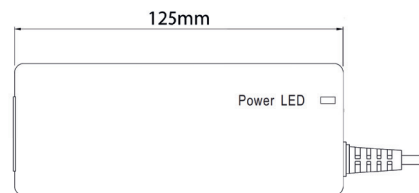
Each Aeris® Window Actuator requires 24V DC power supply for operation. The Lockwood Aeris® Standard 24V DC Power Supply is designed to convert mains power to the required voltage, ensuring reliable performance.

For proper setup and installation, we recommend consulting a professional to determine the best solution for your system.

Note: Wiring must be completed by a licensed electrician. Please ensure that all wiring is completed by a professional to be compliant as governed by local building codes, regulations, and/or laws.

Features and Specifications

- 24V DC, 1.67A
- 600mA per Actuator. One power supply can power up to two Aeris® actuators
- For double Actuators (Synchronisation) setup, the same power supply must be used for both actuators



LWAR/SWAA/SSL: Lockwood Aeris® Sync Loom

The 1.8m Synchronisation Loom Cable enables two Aeris® Window Actuators to work in perfect sync, with one as the master operator and the other as the slave actuator.

Ideal for windows over 900mm wide or heavier windows, this cable ensures smooth, coordinated movement, delivering the extra support needed for larger installations.



Aeris® Accessories & Spare Parts

Spares

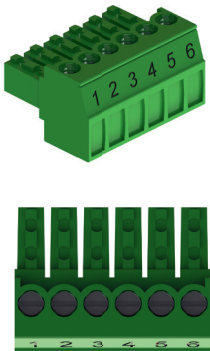
The following products are all Spare Parts and all come complete with every Aeris® Window Actuator. They are listed as additional spares if required to be purchased separately.

LWAR/SWAA/W6CP: Lockwood Aeris® Wiring 6pin Connector Plug

The 6-Pin Removable Connector Plug is designed for easy wiring installation with the Aeris® Actuator. Each pin is clearly numbered (1–6) to assist electricians, following the installation instructions and wiring diagrams. Available for separate purchase if needed.

Connector plug Pin Guide

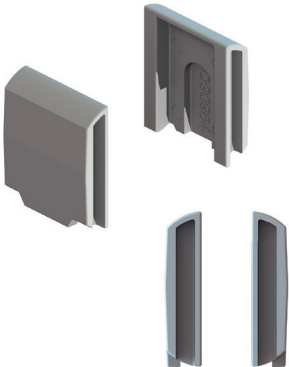
- #1 V IN 24+ : Power from Transformer
- #2 IN 24- : Power from Transformer
- #3 OUT 24+ : Power output to switch (Common)
- #4 SW CLOSE : Switch Wire to Close
- #5 SW OPEN : Switch Wire to Open
- #6 V OUT 24- : Earth (Ground)



LWAR/SWAA/EC/**: Lockwood Aeris® Actuator End Cap

Aeris® Actuator End Caps securely mount the actuator body onto the pivot bracket while providing a clean, finished look. Colour-matched to the actuator, they are made from durable cast zinc and come in pairs. A range of colours is available upon request.

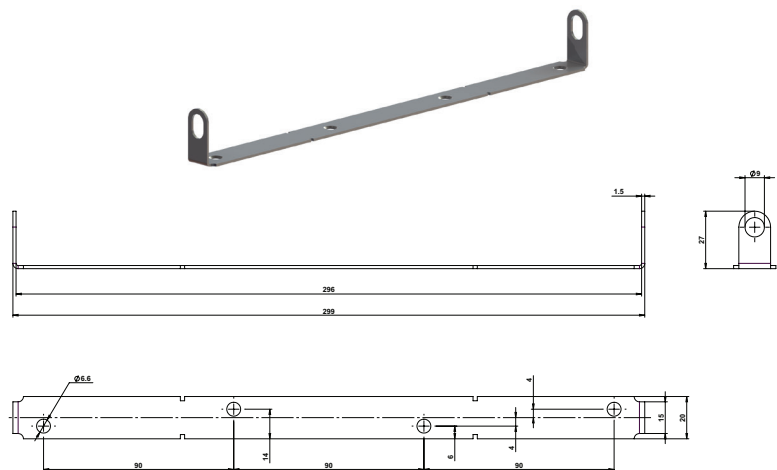
Description	Part Number
Lockwood Aeris Actuator End Cap Black	LWAR/SWAA/EC/BLK
Lockwood Aeris Actuator End Cap White	LWAR/SWAA/EC/WH
Lockwood Aeris Actuator End Cap SPEC	LWAR/SWAA/EC/SPEC



Aeris® Accessories & Spare Parts

LWAR/SWAA/PVT: Lockwood Aeris® Pivot Bracket

The Lockwood Aeris® Pivot Bracket is a one-piece, stainless steel (304) bracket designed for easy installation and smooth operation. It allows the Aeris® Actuator to move slightly as it operates. Ensuring it follows the natural opening and closing arc of the window, helping to enhance durability and extend the system's lifespan.



LWAR/SWAA/AP: Lockwood Aeris® Actuator Accessory Pack

The Lockwood Aeris® Actuator Accessory kit include the following components:

- 1 x Chain release tool (Black)
- 1 x Clutch cover (Black)
- 1 x Aeris® cable entry cover (Black)
- 1 x Aeris® module cover (Black)
- 1 x 4g x 40 Stainless Steel Pozi #1 screw
- 4 x 8g x 1 Stainless Steel countersunk #2 screw
- 2 x 8g x 1/2 Stainless Steel pan #2 screw



Note: Aeris® covers are available in Black colour only.

Deliver compliant,
reliable egress solutions
without compromising
building security.

3 YEAR
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Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial, semi-commercial, building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

The Lockwood 3 Year Electrical Warranty

Our belief that we manufacture the finest premium products available in today's market place is backed by the Lockwood 3 Year Electrical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit www.lockweb.com.au or call 1300WARRANTY

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Experience a safer
and more open world

