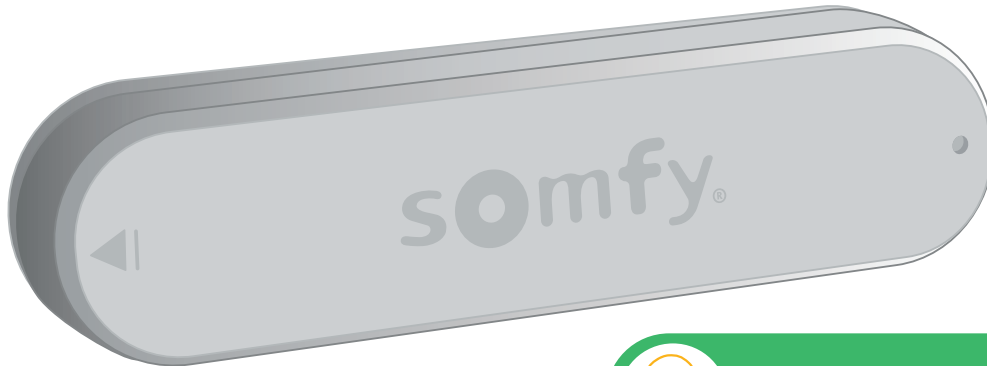


Part Number:
1816081 White
1816082 Black
1816083 Off-White

Eolis 3D WireFree™ RTS Wind Sensor

The Eolis 3D WireFree™ RTS Wind Sensor is a wireless, battery-powered wind sensor that will automatically retract an awning based on wind generated movements.



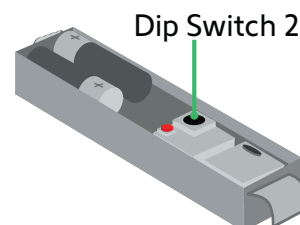
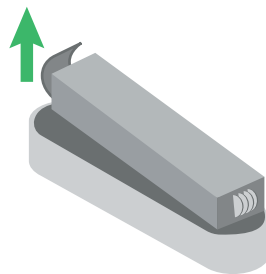
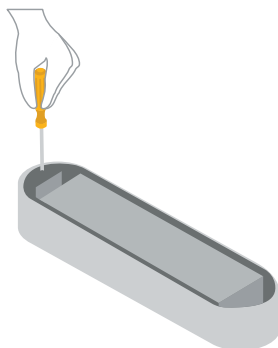
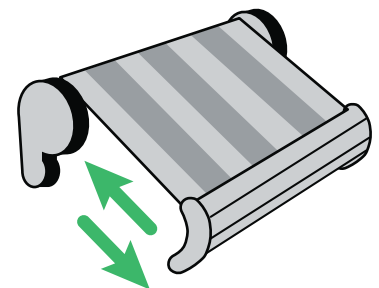
Note: The Eolis is not compatible with awnings that have movable front valences.

1 System Set Up



Note: These steps should be performed prior to mounting the sensor

1. Power on the installed motorized awning.
2. Fully extend the awning.
3. On the paired remote control, press the UP button until the awning retracts.
To reverse the motor direction, follow the directions included with the transmitter. Failure to correct this error will cause the awning to extend during windy conditions and possibly damage the awning
4. Measure the time it takes the awning to travel from fully retracted to fully extended.
 - a. Set Dip Switch 2 to the ON position for travel time between 60 and 90 seconds.
 - b. Set Dip Switch 2 to the OFF (near the battery) position for travel time less than 60 seconds.



Continued On Next Page

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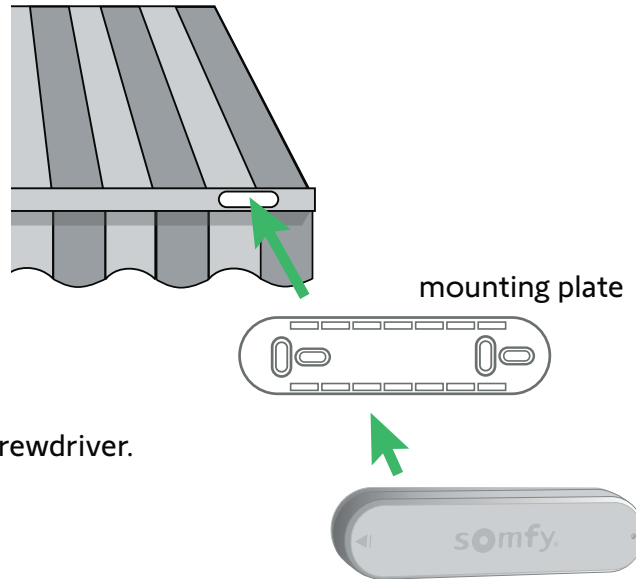
Mounting

1. With the awning extended, the Eolis Wirefree™ Sensor should be mounted on the front bar.

The preferred locations are:

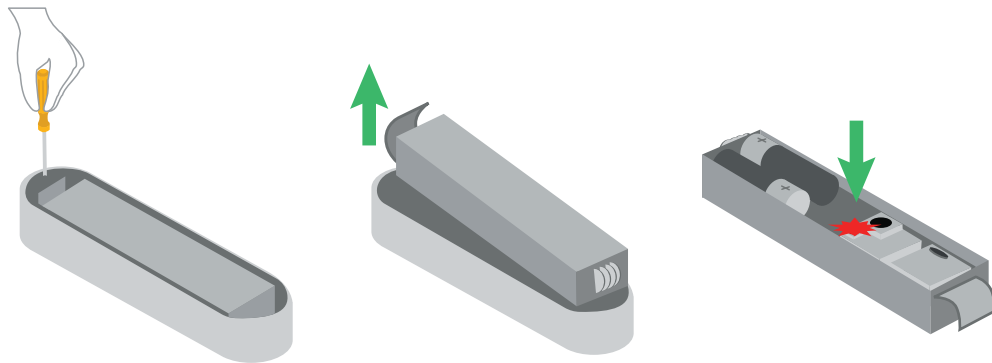
- A. Face of the front bar
- B. Behind the front bar
- C. Under the awning front bar.

2. On the Eolis, slide off the mounting plate.
Install the mounting plate to the awning,
using the awning manufacturer directions.



Install the batteries

3. Remove the Sensor housing using a small screwdriver.
4. Ensure that the red light blinks.
5. Slide the housing onto the mounting plate.
Do not install the cover of the sensor yet.



Note: Mounting to the awning arms is possible but not recommended. If sensor must be mounted to the awning arms, be sure to avoid damaging the internal cables when using the self-drilling screws.



Note: With cassette awnings, exercise caution to ensure the sensor is not crushed when the awning is retracted.

For proper operation, the awning should be rigidly mounted to avoid excessive vibration.

For best reception, the sensor should be mounted on the side closest to the motor head.

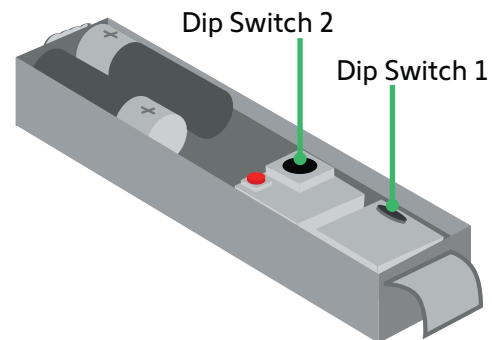
3 Operation

Pairing the Eolis and awning motor

1. On the RTS remote control, press the programming button. The awning will open and close slightly. On the Eolis sensor, press the programming button. The awning will open and close slightly again. Now the Eolis and the motor controlling the awning are paired.
2. To disconnect pairing of sensor and the awning motor, press the programming button on the remote control. Awning will move slightly. Press the programming button on the Eolis. Awning will move again indicating sensor and motor are no longer paired.

Eolis Setup for Operation

1. With the Eolis mounted to awning, remove the Eolis cover and extend the awning using a Telis or similar remote control.
2. On the Eolis, set dip switch 1 to the ON position, the awning will jog. The 60/90 second delay is not active.
3. Grab the awning front bar and pull the awning up and down within 10 seconds to simulate awning flapping in windy conditions. The awning should retract. With the remote control, stop the awning and wait five seconds before extending the awning again.
4. If there are doors near the installed awning, open and close them to ensure awning isn't triggered by their movement. If door movement triggers the awning movement turn the sensor adjustment knob on the back of the Eolis, two positions counterclockwise and retest. Repeat this procedure until the slamming door doesn't activate the awning.



Note: Note: While testing, ensure you have awning remote control nearby. Adjusting Eolis vibration sensitivity will likely activate the sensor and retract awning during readjustments. If this occurs, use the remote control to stop awning. Wait for 30 seconds before testing new settings.

5. Once appropriate sensitivity is set, power off the awning. Return dip switch 1 on the Eolis to OFF (toward the battery). Replace the Eolis cover and power on.
6. Finally, retract the awning and wait several minutes before conducting test. Extend awning and pull on the front bar up and down. Wait for 60 seconds and shake the front bar again. Awning should retract.
7. The awning is now ready to use.

3 Operation (continued)

Eolis operation

1. When the awning extends, the Eolis ignores any vibrations for the period of time set in Dip Switch 2 (60 to 90 seconds).
2. When the wind is strong enough to cause the awning to vibrate, the sensor will retract the awning.
 - The Eolis will prevent the awning from extending for a minimum of two minutes.
3. If the awning is stopped during extension by hitting the retraction button on the remote, the Eolis will view this as wind vibration and retract the awning.
 - The user will have to wait up to 30 seconds before the awning can be activated again.

4 Troubleshooting

Observation	Possible Causes	Solution
Awning keeps retracting every hour	Eolis Wirefree Sensor is removed from the awning, but not the motor memory	Remove from motor memory
Awning retracts and cannot be operated	Battery is nearly discharged/dead Wind sensitivity settings may need to be adjusted	Replace battery Use the SENSITIVITY ADJUSTMENT BUTTON to perform this task
Awning retracts when a nearby door is shut loudly	Sensitivity level needs adjusting	Adjust sensitivity level of sensor.



Note: Visit <https://store.somfy.com/> to purchase an additional or replacement product.



CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment

This device is FCC certified and complies with part 15 of the FCC rules.
RTS compatibility: RTS transmitters are capable of operating any RTS motor.