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somfy 9016355

SOMFY Eolis 3D WireFree io Wind Sensor 9016355 User Manual

Your guide to installation, operation, and maintenance.

1. PRODUCT OVERVIEW

The SOMFY Eolis 3D WireFree io is an autonomous radio vibration sensor designed for awnings, cassettes, and monobloc systems. It provides essential wind protection for your awnings, automatically retracting them when strong winds are detected. This sensor utilizes exclusive technology for precise, reliable, and durable performance.

The Eolis 3D WireFree io is a wireless solution that attaches to the load bar of your awning, discreetly measuring the effects of wind directly on the fabric. It features a low battery indicator via an LED and allows for direct adjustment of the wind threshold on the sensor itself.



Image 1.1: The SOMFY Eolis 3D WireFree io Wind Sensor. This image shows the compact, white, rectangular device with rounded edges, featuring the Somfy logo and a small indicator light.

2. KEY FEATURES AND BENEFITS

- **Individual Wind Protection:** Safeguards your awning from wind damage by automatically retracting it.
- **Wireless Operation:** Radio-controlled sensor for easy installation without complex wiring.
- **High Precision:** Measures wind effects directly on the awning for accurate detection.
- **Compatibility:** Designed for use with Sunea io and Sunilus io motors.
- **Adjustable Threshold:** Wind sensitivity threshold can be set directly on the sensor.
- **Low Battery Indicator:** LED indicator alerts you when batteries need replacement.
- **Discreet Design:** Compact and unobtrusive, attaching to the awning's load bar.

3. SETUP AND INSTALLATION

This section provides general guidance for setting up your Eolis 3D WireFree io sensor. For detailed, step-by-step instructions, please refer to the specific installation guide included with your product packaging.

1. Battery Installation:

The sensor requires 2 x 1.5V AAA batteries. Open the battery compartment, insert the batteries according to the polarity markings, and securely close the compartment.

2. Mounting the Sensor:

Attach the Eolis 3D WireFree io sensor to the load bar of your awning. Ensure it is securely fastened and positioned to accurately detect wind vibrations on the awning fabric. The sensor is designed to be discreet.

3. Pairing with io-homecontrol System:

Follow the instructions provided with your Somfy io-homecontrol motor (e.g., Sunea io or Sunilus io) and remote control (e.g., Situo io or Easy Sun io) to pair the wind sensor. This typically involves a programming sequence on the motor and pressing a button on the sensor.

Note: A successful pairing is often indicated by a brief movement of the awning or a specific LED signal on the sensor.

4. Adjusting Wind Threshold:

The wind sensitivity threshold can be adjusted directly on the sensor. Refer to your product's specific instructions for the exact procedure to set the desired wind level at which the awning should retract.

4. OPERATING INSTRUCTIONS

Once installed and paired, the Eolis 3D WireFree io sensor operates automatically to protect your awning.

- **Automatic Wind Detection:** The sensor continuously monitors wind vibrations on the awning fabric.
- **Awning Retraction:** If the detected wind intensity exceeds the set threshold, the sensor sends a signal to the paired io-homecontrol motor, causing the awning to retract automatically.
- **Manual Override:** You can still operate your awning manually using your Somfy remote control. However, if the wind sensor detects strong winds, it will prioritize retraction for protection.
- **Low Battery Indication:** A dedicated LED on the sensor will illuminate or flash to indicate when the batteries are low and require replacement.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Eolis 3D WireFree io sensor.

- **Battery Replacement:** When the low battery indicator activates, replace the 2 x 1.5V AAA batteries promptly. Use alkaline batteries for best performance.
- **Cleaning:** Periodically clean the exterior of the sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the sensor's mounting to ensure it remains securely attached to the awning's load bar.
- **Environmental Protection:** The sensor has an IP44 rating, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. While designed for outdoor use, avoid direct high-pressure water jets.

6. TROUBLESHOOTING

If you encounter issues with your Eolis 3D WireFree io sensor, refer to the following common troubleshooting steps:

- **Sensor Not Responding:**

- Check the batteries. Replace them if the low battery indicator is active or if they haven't been replaced recently.
- Ensure the sensor is correctly paired with your io-homecontrol motor. If unsure, attempt the pairing process again as per your motor's instructions.
- Verify that the sensor is securely mounted and not obstructed.

- **Awning Retracts Unexpectedly or Not at All:**

- Review the wind threshold setting on the sensor. It might be set too sensitively (if retracting unexpectedly) or not sensitively enough (if not retracting during strong winds).
- Ensure there are no physical obstructions affecting the awning's movement.

- **Compatibility Issues (io vs. RTS):**

The Eolis 3D WireFree io sensor uses the io-homecontrol radio protocol. It is **not compatible** with Somfy RTS (Radio Technology Somfy) systems. Ensure your motor and remote control are also io-homecontrol compatible. If you have an RTS system, you will need an RTS-compatible wind sensor.

- **LED Indicator Not Working:**

If the LED indicator is not functioning, check the batteries. If new batteries do not resolve the issue, the sensor may require service.

7. SPECIFICATIONS

Model Number	9016355
Dimensions	153 x 38 x 25 mm (approximate)
Weight	160 g
Power Supply	2 x 1.5V AAA Alkaline Batteries (not included)
Radio Frequency	868.95 MHz
Radio Protocol	io-homecontrol (unidirectional)
Radio Range	Up to 20 meters (depending on environment)
Protection Rating	IP44
Color	White
Certifications	Compliant with current CE standards

8. WARRANTY AND SUPPORT

For information regarding the warranty of your SOMFY Eolis 3D WireFree io Wind Sensor, please refer to the warranty documentation provided with your purchase or visit the official Somfy website. Somfy products typically come with a manufacturer's warranty covering defects in materials and workmanship. If you require technical assistance, troubleshooting beyond this manual, or have questions about your product, please contact Somfy customer support. You can usually find contact information on the official

Somfy website or in your product's packaging.

Online Resources: For additional support, product updates, and FAQs, please visit the official [Somfy website](#).

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