



## Pergola io

The only range of radio motors specifically designed for pergolas

**With Somfy, offer pergolas with a difference!**

With Somfy, enjoy a market presence **with a difference!**



## Pergola io for all types of pergolas.

Somfy has created the first ever universal range of radio motors for pergolas.  
With Somfy, offer your customers pergolas with a difference!

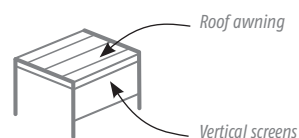
### **"Premium" pergola: taut canvas**

#### **Motorized roof awning**

The canvas remains perfectly taut at all times for optimal sun protection, rain and wind-resistant.

#### **Motorized vertical screens**

Additional sun and wind protection (manual latches).



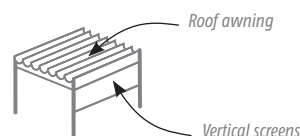
### **"Standard" pergola: no tension on the canvas**

#### **Motorized roof awning**

When closed, the roof provides sun protection.

#### **Motorized vertical screens**

Additional sun and wind protection (manual latches).







## The assets of a complete range designed specifically for pergolas.

**The first range of radio motors with advanced functions** designed specifically for pergolas.

### **Your benefit from installation with a difference**

With reliable and secure wireless technology that is quick to install with simple, precise settings.

### **Your customers benefit from product functions with a difference**

With reliable, easy-to-use technology that adapts perfectly to their lifestyles.

### **Pergola io uses io-homecontrol® technology**

io-homecontrol® is the new radio communication standard for home equipment. Somfy shares this wireless technology with other major home installation brands.

### **io-homecontrol® technology in 4 words:**

- **Two-way**

A communicative installation: io-homecontrol® makes it possible to exchange information between control units, automated systems and motors enabling feedback in real time, thus making installation, use and maintenance easier.

- **Multi-frequencies**

More reliable transmission: io-homecontrol® scans three radio frequencies between 868 and 870 MHz, and automatically chooses the best one to transmit the command.

- **Encrypted**

Dialogue is 100% secure: the tamperproof 128-bit encryption key will thwart any hacking attempt. The encryption key is exclusive to each installation and provides the same level of security as an online bank transaction.

- **Range**

Guaranteed coverage for your home: within a range of 20 m through concrete walls and 200–300 m in the open.



## Specific functions that make **all** the difference

### Roof awning



Perfectly taut and attractive: the canvas is guaranteed to remain taut over time.



The canvas and motor are protected: if an obstacle is encountered when opening or closing, the motor stops instantly.

### Vertical screens



Perfectly taut and attractive: once the latches are blocked, the canvas is pulled taut.



Vertical screens are protected: thanks to the perfect closure of the cassette.



### Roof awning and vertical screens

The mechanism is protected: once the canvas is taut, the electronic stop detection function stops the motor immediately. This function can be adjusted to three different levels to suit the type of pergola in question.



«My» favourite position: the user can memorize their favourite position for the roof awning and the vertical screens (e.g. half-way down) and find it again instantly using the control point.



### PERGOLA IO

	Pergola 50 io				Pergola 60 io				Pergola SP 60 io		Pergola LTH 60 io
	20/17	30/17	40/17	50/12	55/17	85/17	100/12	120/12	13/66	30/45	55/17
Dimensions L1/L2/L3 (mm)	655/640/660	675/660/680	745/730/750	675/660/680	733/718/738						
Nominal torque (Nm)	20	30	40	50	55	85	100	120	13	30	55
Speed (rpm)	17			12	17		12		66	45	17
Power (W)	160	240	270	240	290	400	350	400	290	370	270
Thermal time (min)	4										8
Weight (kg)	2.22	2.75	2.85	2.58	4.18	4.70	4.82	5.03	4.18	5.00	5.03

### PERGOLA SCREEN IO

	Pergola SC 50 io		
	10/17	20/17	30/17
Size L1/L2/L3 (mm)	655/640/660		675/660/680
Nominal torque (Nm)	10	20	30
Speed (rpm)	17		
Power (W)	120	160	240
Thermal time (min)	4		
Weight (kg)	1.98	2.22	2.75

### TECHNICAL CHARACTERISTICS

Power supply	230 V - 50 Hz
Class	IP44
Connection system	3 wires: 0.75 mm²
Operating temperatures	-10°C to +40°C (maximum: -20°C to +70°C)

## Quick, simple and reliable: installation with a difference



### Speed

The only electrical power supply required is for radio motors. No fiddly wires for the control points and sensors.

### Simplicity

Pergola io motors are quick to adjust from the remote control, without touching the motor head.

### Step-by-step guided installation

> **Step 1** : Configure or reconfigure the Pergola io motor with a Situo io:

- Set the rotation direction
- Set the end limits
- Pair with the emitter

> **Step 2** : Pair the Easy Sun io remote control with the automatism or motors that it will be used to control:

- Prog/prog procedure
- AutoScan function: each motor is automatically identified on the remote control using the specific picture for that application.

> **Step 3**

That's it! Easy Sun io assigns the roof awning and vertical screens motors and light receivers to different groups and automatically adjusts the wind and sun sensor thresholds (default setting).

Thresholds can be adjusted directly from the Easy Sun io remote control. It's so easy your customers will be able to do it themselves!

#### 3 SETTING MODES TO SUIT ALL TYPES OF PERGOLA

Premium pergola		Standard pergola
Auto/auto mode	Manual/auto mode	Manual/manual mode
• Automatic up end limit	• Manual up end limit	• Manual up end limit
• Automatic down end limit	• Automatic down end limit	• Manual down end limit

#### VERTICAL SCREENS: 2 SETTING MODES

With cassette	Without cassette
Auto/manual mode	Manual/manual mode
• Automatic up end limit	• Manual up end limit
• Manual down end limit	• Manual down end limit



# io controls and automatisms from Somfy, making a difference by making life easier



## PERGOLA & FAÇADE CONTROLLER

### Easy Sun io

- 4 manual channels + 1 automatic sun channel
- Feedback Function
- «My» favourite position
- General Auto/Manual Function

#### EXCLUSIVE TO SOMFY

Move from automatic mode to manual mode .

#### Remote control on the wall:

automatic mode activated. The pergola or façade reacts automatically to the level of sunlight.

#### Remote control in the hand:

automatic mode de-activated. The automatic sun function is de-activated, and the user is able to view and control the pergola.



## LIGHTING RECEIVER



### Lighting receiver io

Allows the user to switch outdoor lighting on or off using an io remote control.

- Power up to 500W
- Easily connected directly to the lighting system
- Safe: IP44

## WIRELESS SENSORS



### Sunis WireFree™ io

- Attractive wireless sensor, quick installation
- Thresholds can be adjusted via the Easy Sun io remote control
- Can be fitted anywhere with ease, with no unsightly cables
- Installation requires sensor box io
- Powered by two AA batteries

#### Essential for summer comfort

The Easy Sun io remote control and Sunis WireFree™ io are compatible with all io motorized sun protection devices on the façade: roller shutters and vertical blinds.



### Eolis WireFree™ io (for "Standard" pergolas only)

- Attractive wireless sensor, quick installation
- Thresholds can be adjusted on the sensor or via the Easy Sun io remote control
- Installation with sensor box io recommended
- Can be fitted anywhere on the façade, with no unsightly cables
- Powered by two AA batteries



### Sensor box io

For continuous communication between Easy Sun io and autonomous sensors – essential!

- Allows the user to adjust sun and wind sensor thresholds from Easy Sun io
- Saves sensor battery life
- Can be used for installation diagnosis
- Connects quickly and simply to a 230V mains socket

Offer your customers **long-lasting products with a difference**



### Motorization protects their investment

- > The motor moves the roof awning and vertical screens smoothly, helping to preserve the canvas by maintaining optimal tension and ensuring that the unit is airtight when closed.
- > The canvas and the motor are protected by a wind sensor ("Standard" pergola).

### Your pergola adapts more effectively to their lifestyle

- > Customers can use their pergola with greater ease. The pergola becomes a comfortable, welcoming outdoor living room.
- > A single remote control (Easy Sun io) can be used to control all pergola installations without having to move.
- > Users can create different lighting effects for evenings with friends or family.
- > Users remain in control of all automatisms at all times (Eolis WireFree™ io, Sunis WireFree™ io).

### Your customers benefit from reliable technology that is easy to use

- > By choosing io-homecontrol®\* technology for pergolas, you are choosing the new standard in home installation control technology.
- > A technology that Somfy shares with other major home installation brands (roof windows, access security, heating systems and air conditioning, lighting, etc.), ensuring that it is interoperable and expandable.
- > A technology that offers feedback for greater functionality and safety.
- > A simple, accessible technology.

### Offer a solution that is compatible with the entire façade

- > The Easy Sun io remote control and io sensors on the pergola are compatible with all io motorized sun protection devices: roller shutters, vertical blinds or adjustable sun shades.

### Somfy: quality you can rely on

Somfy motors are designed and tested to last thousands of running cycles, even under extreme climatic conditions. All Somfy products are tested during production. Somfy provides services to help you with your everyday needs: telephone assistance and specific training for io-homecontrol® pergola products.

Somfy guarantees its products for 5 years for installers and manufacturers.

\*For further information: [www.iohomecontrol.com](http://www.iohomecontrol.com)



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