



SOMFY SMART SHADING

Take a massive leap
forward comfortably

Window Fashion, Controls & Sensors and Connected Business Lines

somfy®



Part 1

Things you need
to know about Zigbee.

somfy®

Why is Somfy choosing Zigbee?

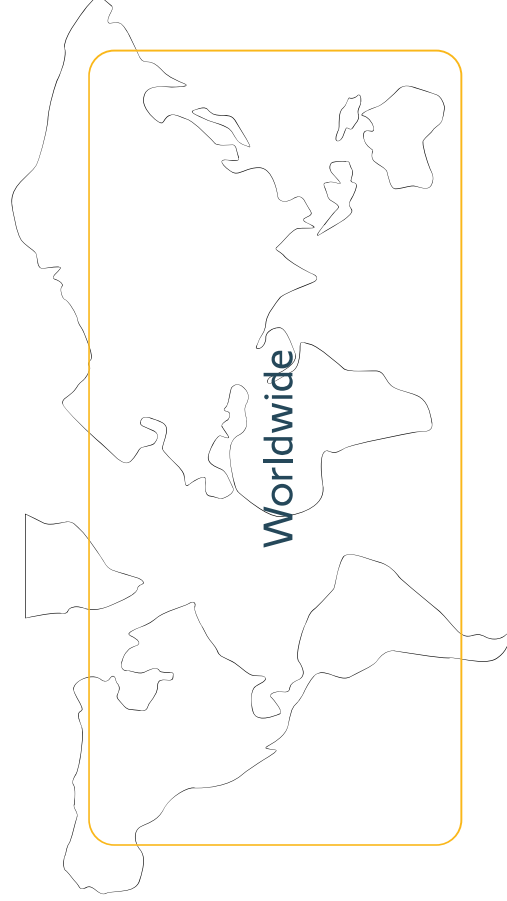
Since its creation in the late 60s, Somfy has always been designing its solutions to make smart and useful home equipment accessible to all; with the ambition to adapt to people's real life and to be a game changer in the way people live in their home.

Protocols and Connectivity Solutions have played a vital role in that game.

This year, Somfy is announcing the expansion of its smart-home ecosystem, making it one of the most comprehensive and open systems available on the market.

The Zigbee Alliance creates, maintains and delivers open global wireless standards that enable everyday objects to work together and control your world in the Internet of Things (IoT). An open, not-for-profit ecosystem of over 600 companies in 37 countries, the Alliance develops and promotes the world's leading IoT standards across a wide range of consumer, commercial and industrial monitoring and control applications.

The Connectivity Standards Alliance is the place where industry professionals across the globe come together, paving the way to a world of seamless interaction that is transforming the way we live, work, and play. The Alliance believes all objects can work together to enhance our day-to-day experiences, and it's creating the standards, tools, and platforms which make this possible.



The Connectivity Standards Alliance

The Connectivity Standards Alliance ignites creativity and collaboration in the Internet of Things, by developing, evolving, and promoting universal open standards that enable all objects to securely connect and interact.

Somfy, with major groups such as **Comcast, Huawei, Samsung SmartThings**, has been playing an active role in developing the future of the smart home standards since 2016.

In a broader view, more than 600 companies all around the world, are part of the Zigbee Alliance.



Zigbee:

the new bi-directional wireless standard for Somfy

The Zigbee 3.0 protocol is an interoperable, globally adopted and secure IoT solution used to connect smart home devices to a consistent network and language. Zigbee creates an ecosystem of products that work seamlessly together, easing the integration process and increasing comfort for end users.

OPENNESS TO:

- Connectivity
- The new generation of connected home & smart shading. A superior radio safety
- Open protocol & ecosystem / Smart Shading

Wide range of applications thanks to a new motor range for indoor window coverings.

Our state-of-the-art motors function with Zigbee®, an open and reliable standard for communication and connectivity in the home. Bidirectional motors that fit most types of blinds, shades and curtains, from basic roller to complex top down-bottom up Wired and WireFree options.

Choose the Comfort of a Connected Solution



Simple Connectivity for Seamless Integration and Installation.

Our smart shading motors also include **Bluetooth**.
Connect directly to each motor to integrate, install and commission.



End-to-End Reliability for Your Bottom Line.

Stay in step with the most forward-looking technology,
always ready for and open to new smart home innovations.



Bi-Directional Communication for End Consumer Comfort.

End users have the **real-time status** of all their window coverings. They **set precisely their comfort settings** and preferred shade position.

Somfy Smart Shading Solution

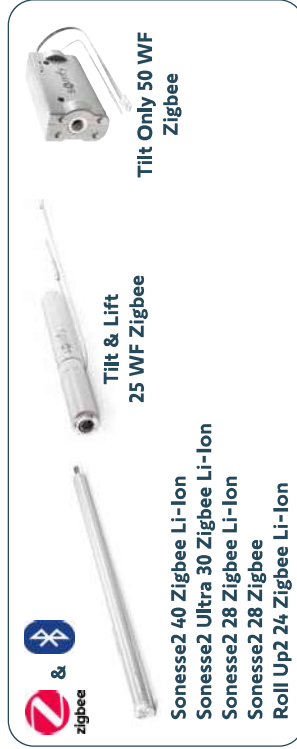
SOMFY SMART OFFER



STANDALONE



WIREFREE MOTORS



WIRED MOTORS





Part 2

Zigbee offer.

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Manufacturers benefits

Streamlined & New for a full comfort-driven solution.

Meet our complete smart shading solution that features Zigbee 3.0 technology.

Wide range of applications



Blinds and curtains, from basic roller to complex top down-bottom up*, WireFree and Wired.

* coming soon

Guaranteed and sustainable performance



* The majority of the range carries Somfy's Act For Green label. Only Somfy Ultra 30 is not Act For Green.

New motor range

New motor range to simplify your manufacturing process by providing consistent motor design and efficient integration. All motors are bidirectional and fit most types of blinds and curtains, with **Wired and WireFree options**. All our tubular motors use the **same ergonomic head** making you more efficient; you don't have to adapt your tools depending on the motor you're integrating.



A unique and ergonomic tubular motor head

Programming button, LED and standard charging connector, (if applicable) within a 90° angle for better access to the motor interface.



Large choice of accessories including:

- Head accessories: ensuring a seamless integration and optimise aesthetics
- A pro charging hub: recharging 16 motors in about 100 minutes.
- A practical and safe charging installation for the production line.

Dedicated pro tool



TaHoma pro

Simpler fabrication, motor setting and installation, using Bluetooth to avoid cross-pairing. Daily use is easier and faster.

Compatibility



Compatible with major home brand partners.

Control



TaHoma® app, Ysia remote controls. Voice control compatible.

Installer benefits

Streamlined & New for a full comfort-driven solution.

Meet our complete smart shading solution that features Zigbee 3.0 technology.

We've designed it to be easy and efficient for you, at every step of the way.

With TaHoma suite's dedicated and exclusive services, your new smart shading solution is easy for you to sell, install and service.

All products are covered by a **five-year warranty**, and the majority of the range carries Somfy's **ACT FOR GREEN** label. This logo guarantees that products have been designed to have a reduced environmental impact throughout their life cycle.

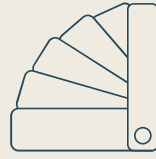


Application Coverage

COVERING MOST OF APPLICATIONS

Our motors, remotes and digital tools have been developed applications oriented to ensure a smooth and intuitive experience from the Installers to the Users.

Wide range to cover more applications



Blinds



Roller



Roman



Woven wood



Layered



Sheer horizontal



Venetian blinds



Pleated



Cellular



Projection screens



Top-Down Bottom-Up

Curtains



Drapery®



Curtain



Pinch pleat



RippleFold®



Accordia®

New Interior Head

Same accessories to shorten the light gap.



Discreet design with a thin head of 8mm.

Designed for Silence, our Sonesse motors embed a specific filter to ensure the quietest experience.



Consistent and simple, the same shape for all the tubular motors.

Easy to install with programming button, LED and connector at the same place.



Part 2.1

Wirefree Tubular Zigbee motors.

somfy.

References

Tubular Motors



MOTORS

	SONESSE2® 40 WF LI-ION	
	The powerful and easy-to-install motor, for high-end installations, designed for silence.	
	Torque	4 Nm
	Speed	10 - 28 rpm
	Min. tube Diameter	37 mm
	Total length	650 mm
	Max blind size	25 m²
	Battery capacity	5000 mAh
	Recharge	1 / year

	SONESSE2® ULTRA 30 WF LI-ION	
	The ULTRA easy and ultra silent.	
	Torque	2 Nm
	Speed	10 - 28 rpm
	Min. tube Diameter	28.8 mm
	Total length	660 mm
	Max blind size	18 m²
	Battery capacity	2600 mAh
	Recharge	1 / year

	SONESSE2® 28 WF LI-ION*	
	The multi-functional easy-to-install motor, designed for silence.	
	Torque	2 Nm
	Speed	10 - 28 rpm
	Min. tube Diameter	26.6 mm
	Total length	562 mm
	Max blind size	18 m²
	Battery capacity	2600 mAh
	Recharge	1 / year

	SONESSE2® 28 WF	
	The multi-functional easy-to-install motor, designed for silence.	
	Torque	1.1 Nm
	Speed	10 - 28 rpm
	Min. tube Diameter	26.6 mm
	Total length	354 mm
	Max blind size	11 m²
	Battery capacity	2600 mAh
	Recharge	1 / year

	ROLL UP 24 WF LI-ION	
	The smallest motor to fit the smallest tubes.	
	Torque	0.55 Nm
	Speed	20 - 38 rpm
	Min. tube Diameter	22 mm
	Total length	470 mm
	Max blind size	5 m²
	Battery capacity	800 mAh
	Recharge	3 / year

References

Shaft Motors



MOTORS

	TILT & LIFT 25 WF CENTRAL	
	New release for 25 mm headrail applications, designed for silence.	
	Torque	0.8 Nm
	Speed	18 - 30 rpm
	Headrail width	min 25 mm
	Total length	200 mm
	Max blind size	10 m²

	TILT ONLY 50 WF CENTRAL	
	The traversing shaft motor for tilting 50mm headrail venetian blinds.	
	Torque	1.0 Nm
	Speed	5 - 15 rpm
	Headrail width	min 50 mm
	Total length	104 mm
	Max blind size	5 m²

References

Power Sources



LI-ION CHARGER	
7 plugs: US - AUS - ASIA/EU - UK.	



LI-ION 2 SOLAR PANEL	
Not compatible with Sonesse 30 WF Li-Ion.	



LI-ION 2 EXTERNAL BATTERY PACK	
(2600 mAh).	

Sonesse2® 40 WF Zigbee Li-Ion



The Sonesse2® 40 WF Li-Ion its -quiet and ultra-reliable performance also features a built-in, rechargeable lithium-ion battery to eliminate wiring and provide convenience to installers and end users.



TaHoma® app

Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



Compatible end-products



Main functionalities

XL For large size blinds
Capable of lifting up to 30m² (4Nm).



Designed for silence



Remote limit setting & compatible with variation functions



Battery level feedback



Quick and easy settings with TaHoma pro app



Openness of the Zigbee protocol



Soft start and Soft stop



Speed control



Built-in battery motor



Adjustable speed



Compatible with HomeKit



Motor length (L)	650mm
Head thickness (H)	8mm
Head diameter Ø (D)	40mm
Tube min Ø (int)	37mm



Technical data

Voltage Supply	12V DC
Index Protecting rating	IP 30 (for indoor use only)
Limit Switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 40°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III

Antenna
17.5 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance

Dimensions

Performances

Nominal torque	4 Nm
Nominal Speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound Level	40 dB(A) *
Radio Protocol	Zigbee
Radio Frequency	433.42 MHz
Battery type	12V 5000mAh (built-in Lithium-Ion)
Battery autonomy	Only recharge once per year**
Recharging time	4 hours***
Low Battery Indicator	LED

*Measured at a constant voltage and speed.
**With one cycle up and down per day in a 1.4m wide, 1.4m high, Ø40mm tube shade. For optimal performance, please refer to Alucast or B&B Tool.
***With Somfy Li-Ion 2 Power Unit.

Certifications



BENEFITS FOR END USERS

Comfort

- Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
- Specifically designed to move blinds effortlessly and silently
- To fully integrate in the blind design and reduce light gap, we offer a discreet solution

Compatible with our intuitive range of remotes

- Pilot your blinds with the right remote controls adapted to your blind typology
- Control your blinds and access your favorite position easily

Convenience

- Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
- Its USB-C connector allows an optimized charging experience by using solar panel, magnetic connector or fast-charging charger.

Compatible with TaHoma 3.0

- Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
- Discover the buttons on TaHoma switch to launch scenes from the press of a button

BENEFITS FOR PROFESSIONALS

Quick & easy settings

- Installation, settings & re-settings done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity

Maintenance

- Maintenance service & remote diagnosis with Serv-e-go

Comfort

- Specifically designed to move blinds effortlessly and silently
- To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head

Convenience

- Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
- Its USB-C connector allows an optimized charging experience by Somfy pro charging hub.



Sonesse2® ULTRA 30 WF Zigbee Li-Ion

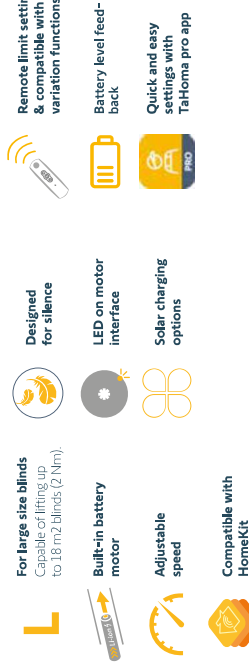


Sonesse2® ULTRA 30 WF Zigbee Li-Ion its ultra-quiet and ultra-reliable performance also features a built-in, rechargeable lithium-ion battery to eliminate wiring and provide convenience to installers and end users.

Compatible end-products



Main functionalities



TaHoma® app

Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



Technical data

Voltage Supply	12V DC
Index Protecting rating	IP 30 (for indoor use only)
Limit Switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 40°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III

Antenna

17.5cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions

Motor length (L)	650mm
Head thickness (H)	8mm
Head diameter Ø (D)	40mm
Tube min Ø (int)	28.8mm



Performances

Nominal torque	2 Nm
Nominal Speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound Level	42dB (A)*
Radio Protocol	Zigbee
Radio Frequency	2.4 GHz
Battery type	12V 2600 mAh (built-in Lithium-Ion)
Battery autonomy	Only recharge once per year**
Recharging time	<1.5 hours***
Low Battery Indicator	LED

*Based on 40°C ambient temperature and speed.
**10 months with one cycle (up and down) per day in a 1.2m wide, 2m high, Ø18mm tube shade. For optimal performance, please refer to Alucora or BDM Tool.
***With Somfy Lithion 2 Power Unit.

Certifications



5 YEARS WARRANTY

BENEFITS FOR PROFESSIONALS

- Quick & easy settings**
 - Installation, settings & re-settings done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**
 - Maintenance service & remote diagnosis with Serv-e-go
- Comfort**
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its USB-C connector allows an optimized charging experience by Somfy pro charging hub.

BENEFITS FOR END USERS

- Comfort**
 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a discreet solution
- Compatible with TaHoma 3.0**
 - Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on TaHoma switch to launch scenes from the press of a button
- Compatible with our intuitive range of remotes**
 - Pilot your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its USB-C connector allows an optimized charging experience by using solar panel, magnetic connector or fast-charging charger.

Sonesse2® 28 WF Zigbee Li-Ion



Sonesse2® 28 WF Zigbee Li-Ion its quiet and reliable performance also features a built-in rechargeable lithium-ion battery to eliminate wiring and provide convenience to installers and end users.

Compatible end-products



Main functionalities

For large size blinds
Capable of lifting up to 18 m² blinds (2 Nm).

Designed for silence

LED on motor interface

Built-in battery motor

Adjustable speed

Speed control

Remote limit setting & compatible with variation functions

Battery level feedback

Solar charging options

Openness of the Zigbee protocol

Soft start and Soft stop

Quick and easy settings with TaHoma pro app

TaHoma® app

Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



Technical data

Voltage Supply	12V DC
Index Protecting rating	IP 20 (for indoor use only)
Limit Switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 40°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III

Antenna
17.5cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Dimensions

Motor length (L)	562mm
Head thickness (H)	8mm
Head diameter Ø (D)	40mm
Tube min Ø (int)	26.6mm

Performances

Nominal torque	2 Nm
Nominal Speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound Level	TBC 44 dB(A)*
Radio Protocol	Zigbee
Radio Frequency	2.4 GHz
Battery type	12V 2600 mAh (built-in Lithium-Ion)
Battery autonomy	Only recharge once per year**
Recharging time	<1.5 hours***
Low Battery Indicator	LED

*Based on 4.0 m/s charging and speed.
**10 months with one cycle (up and down) per day in a 1.2m wide, 2m high, Ø18mm tube shade. For optimal performance, please refer to Alucora or B&M Tool.
***With Somfy Li-Ion 2 Power Unit.

Certifications



BENEFITS FOR END USERS

- Comfort**

 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a discreet solution
- Compatible with our intuitive range of remotes**

 - Pilot your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**

 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its USB-C connector allows an optimized charging experience by using solar panel, magnetic connector or fast-charging charger.
- Compatible with TaHoma 3.0**

 - Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on TaHoma switch to launch scenes from the press of a button

BENEFITS FOR PROFESSIONALS

- Quick & easy settings**

 - Installation, settings & re-settings done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**

 - Maintenance service & remote diagnosis with Serv-e-go
- Comfort**

 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head
- Convenience**

 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its USB-C connector allows an optimized charging experience by Somfy pro charging hub.



Sonesse2® 28 WF Zigbee



Sonesse2® 28 WF Zigbee an extremely compact motor designed for silence. It is powered using an external plug-in, rechargeable lithium-ion battery pack or plug-in power supply.



Compatible end-products

Main functionalities

- For large size blinds**
Capable of lifting up to 18 m² blinds (2 Nm)
- Battery operated motor**
- Adjustable speed**
- Compatible with HomeKit**
- Designed for silence**
- LED on motor interface**
- "my" function**
- Remote limit setting & compatible with variation functions**
- Battery level feedback**
- Quick and easy settings with TaHoma pro app**



TaHoma® app

Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



- Openness of the Zigbee protocol**
- Soft start and Soft stop**
- Speed control**



Technical data

Voltage Supply	12V DC
Index Protecting rating	IP 30 (for indoor use only)
Limit Switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 40°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III

17.5cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Antenna

Dimensions

Motor length (L)	355mm
Head thickness (H)	8mm
Head diameter Ø (D)	40mm
Tube min Ø (int)	26.6mm



Performances

Nominal torque	1,1 Nm
Nominal Speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound Level	45 dB(A)*
Radio Protocol	Zigbee
Radio Frequency	2,4 GHz
Power Supply	12V Power Supply or WF Li-Ion External battery pack
Battery autonomy	Only recharge once per year**
Low Battery Indicator	LED

*Power level at nominal torque and speed.
**20 months with one cycle (up and down) per day in a 1,2m wide, 2m high, Ø38mm tube shade. For optimal performance, please refer to Absolu or BSM Tool.

Certifications



BENEFITS FOR PROFESSIONALS

- Quick & easy settings**
 - Installation, settings & re-settings done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**
 - Maintenance service & remote diagnosis with Serv-e-go
- Comfort**
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience.

BENEFITS FOR END USERS

- Comfort**
 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a discreet solution
- Compatible with TaHoma 3.0**
 - Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on TaHoma switch to launch scenes from the press of a button
- Compatible with our intuitive range of remotes**
 - Pilot your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its external battery pack allows an optimized charging experience by using solar panel, magnetic connector or fast-charging charger.

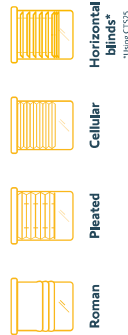
Tilt & Lift 25 WF Zigbee



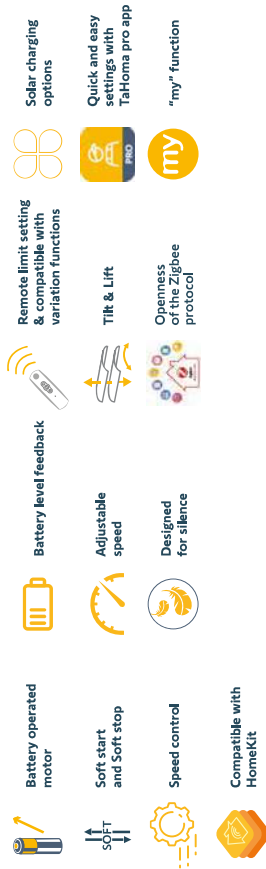
Somfy
EFFICIENT AND
SILENCE

The **Tilt & Lift 25 WF Zigbee** is a dual-shaft smart motor, specifically designed for Cord Lift applications. It is powered by an external lithium-ion rechargeable battery pack or plug-in wall power supply.

Compatible end-products



Main functionalities



BENEFITS FOR PROFESSIONALS

- Quick & easy settings**
 - Installation, settings & re-settings done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**
 - Maintenance service & remote diagnosis with Serv-e-go
- Comfort**
 - Specifically designed to move blinds effortlessly and silently
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with tilting blinds.

BENEFITS FOR END USERS

- Comfort**
 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
- Compatible with TaHoma 3.0**
 - Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on TaHoma switch to launch scenes from the press of a button
- Compatible with our intuitive range of remotes**
 - Pilot your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Its external battery pack allows an optimized charging experience by using solar panel, magnetic connector or fast-charging charger.



TaHoma® app

Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



Technical data

Voltage Supply	12V DC
Cable	AV/G22 – 2 wires
Index Protecting rating	IP 20 (for indoor use only)
Limit Switch type	Electronic, encoder based
Temperature working range	0°C to 60°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	12cm wire length, must not be cut nor lengthened. For greatest RF range, the wire should not be in contact with metal surfaces and should be repositioned out of the rail/tube/cassette.

Dimensions

Length (L)	197mm
Length with accessories	207mm
Diameter (D)	24mm



Performances

Nominal torque	0,8 Nm
Nominal Speed	Lifting speed: 30rpm / Tilting speed: 18 rpm
Adjustable speed	Lifting speed: 18-30 rpm by increment of 1 rpm Tilting speed: 10-20 rpm by increment of 1 rpm
Sound Level	46dB(A)*
Radio Protocol	Zigbee
Radio Frequency	2,4 GHz
Power Supply	12V Power Supply or VF Li-Ion External battery pack
Battery Autonomy	Only recharge once per year
Low Battery Indicator	LED

* Power level at nominal torque and speed

Certifications



5 YEARS WARRANTY



Part 2.3

Wired Zigbee motors.

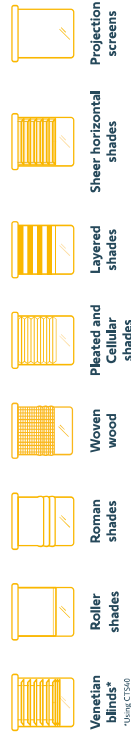
somfy®

Sonesse® 30 Zigbee

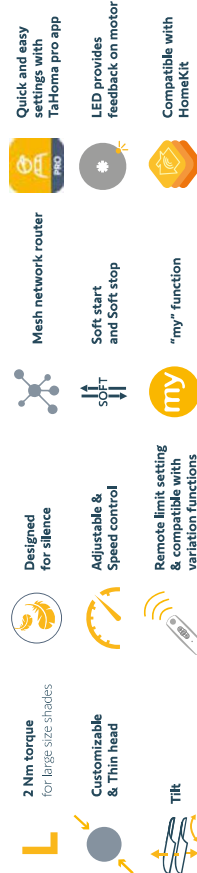


Features a 2Nm powerful lifting capacity utilizing low-voltage DC power to quietly operate shades and strengthen the mesh network, dedicated to a variety of interior applications.

Compatible end-products



Main functionalities



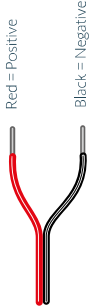
Somfy +
Recommended to use with Silent accessories
TaHoma® app
Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere. Home or away.



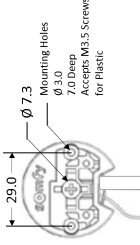
Technical data

Voltage Supply	24V DC
Index protection rating	IP 30
Limit switch unit	Electronic
Limit switch capacity	125 turns
Temperature working range	From 0°C to 60°C
Electric insulation	Class III

Power cable

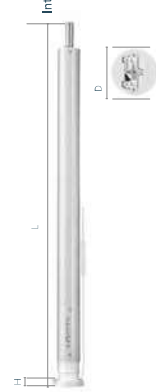


Round head



Dimensions

Length (L)	479.5mm
Head thickness (H)	8mm
Head diameter Ø (D)	38mm
Tube min Ø (Int)	28.8mm



*Power level at nominal torque and speed

Performances

Nominal torque	2 Nm
Nominal speed	25 rpm
Adjustable speed	10 to 28 tpm (speed regulated and adjustable)
Sound level	47dBA
Radio frequency	2.4 GHz
Radio protocol	Zigbee 3.0, Bluetooth 4.2
Radio range*	Not connected: Room range Connected: House range Radio range extended by adding routers (Mesh network) One router per room is recommended and maximum 6 wireless motors per router.
Sound level (dBA)**	≤ 47
Cable end	Open leads (EMEA) or Fast co (US/AUS)

*The radio range may be affected by RF environment
**Power level at nominal torque and speed

Certifications



BENEFITS FOR PROFESSIONALS

- Quick & easy settings**
 - Installation, settings & re-settings: done directly from TaHoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**
 - Maintenance service & remote diagnosis with Serv-e-go
- Comfort**
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Play the role of router by repeating the signal to strengthen the network and improve the radio performance

BENEFITS FOR END USERS

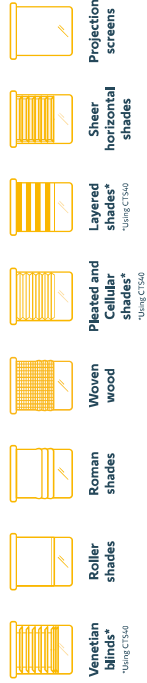
- Comfort**
 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a discreet solution
- Compatible with TaHoma 3.0**
 - Control, set scenes, manage blinds and a large variety of partnerships products via TaHoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on TaHoma switch to launch scenes from the press of a button
- Compatible with our intuitive range of remotes**
 - Play your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Play the role of router by repeating the signal to strengthen the network

Sonesse2® 40 Zigbee

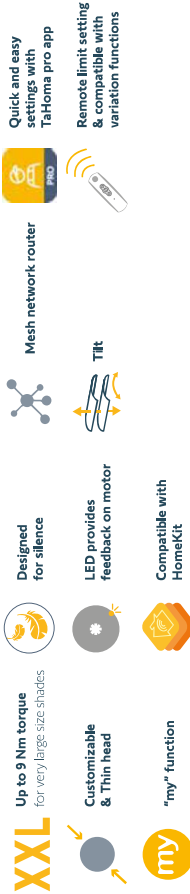


Features an up to 9Nm powerful lifting capacity utilizing AC power to quietly operate large blinds and strengthen the mesh network, dedicated to a variety of interior applications.

Compatible end-products



Main functionalities



Somfy +
Recommended to use with Silent accessories
Tahoma® app
Easily control your shades and get real-time feedback on shade positioning and battery level with a smartphone or tablet at anytime, from anywhere.
Home or away.



BENEFITS FOR PROFESSIONALS

- Quick & easy settings**
 - Installation, settings & re-settings done directly from Tahoma Pro app with step-by-step programming instructions to save time and boost your productivity
- Maintenance**
 - Maintenance service & remote diagnosis with Serve-go
- Comfort**
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a consistent, thin & customizable motor head
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Play the role of router by repeating the signal to strengthen the network and improve the radio performance

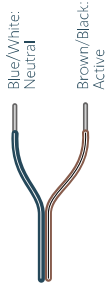
BENEFITS FOR END USERS

- Comfort**
 - Bring some intelligence to your blinds for a seamless glare management and to ensure privacy
 - Specifically designed to move blinds effortlessly and silently
 - To fully integrate in the blind design and reduce light gap, we offer a discreet solution
- Compatible with our intuitive range of remotes**
 - Pilot your blinds with the right remote controls adapted to your blind typology
 - Control your blinds and access your favorite position easily
- Convenience**
 - Application oriented solution to ensure a smooth and intuitive experience with a wide range of blinds
 - Play the role of router by repeating the signal to strengthen the network
- Compatible with Tahoma 3.0**
 - Control, set scenes, manage blinds and a large variety of partnerships products via Tahoma 3.0 app and get real-time feedback, no matter if you are home or not
 - Discover the buttons on Tahoma switch to launch scenes from the press of a button

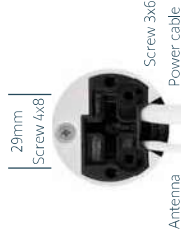
Technical data

Voltage Supply	AC
Index protection rating	IP 30 (for indoor use only)
Limit switch unit	Electronic
Limit switch capacity	250 turns
Temperature working range	From 0°C to 60°C
Electric insulation	Class II

Power cable 120 V-230V



Round head



Dimensions

Motor length	514mm for 3 or 4Nm	548mm for 6 or 9Nm
Head thickness (H)	13.7mm	
Head diameter Ø (D)	38mm	
Tube min Ø (int)	37mm	

*Power level at nominal torque and speed.

Performances

Voltage	230V — 50Hz	120V — 60Hz	220V — 60Hz
Torque	3/6/9 Nm	4/6/9 Nm	3/6/9 Nm
Nominal speed	30/20/12 rpm	36/24/14 rpm	36/24/14rpm
Radio frequency	2,4 GHz		
Radio protocol	Zigbee 3.0, Bluetooth 4.2		
Radio range*	Not connected: Room range Connected: House range Radio range extended by adding routers (Mesh network) One router per room is recommended and maximum 6 wirefree motors per router.		
Sound level (dBA)**	≤ 47		
Cable end	Open leads (EMEA) or Fast co (US/AUS)		

*The radio range may be affected by RF environment
**Power level at nominal torque and speed

Certifications



THINGS YOU NEED TO KNOW ABOUT ZIGBEE

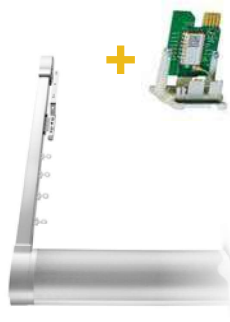
WIRED ZIGBEE MOTORS

ACCESSORIES

POWER SOURCES

PART LIST

Glydea Ultra Zigbee

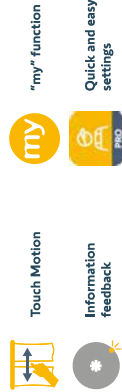
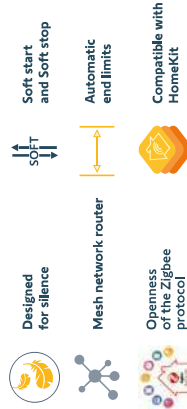


A premium solution for high-end Commercial/Hospitality and residential properties: ultra-quiet, reliable and adaptable to future upgrade. The zigbee module is adaptable to the Glydea Ultra DCT/RTS Act for Green version and allows for zigbee 3.0 bi-directional communication applications.

Compatible end-products



Main functionalities



BENEFITS FOR PROFESSIONALS

Easy integration

- No maintenance necessary after installation
- Step-by-step programming instructions
- Get the installation done directly via your smartphone or tablet with Tahoma Pro

Reliability and profitability

- Somfy quality & warranty
- Secure protocol
- Remote maintenance with Serve-e-go

Reduce SKU inventory: only zigbee module is required for Glydea Ultra DCT /RTS

BENEFITS FOR END USERS

Daily convenience and comfort

- Easily control your shades via your Tahoma App
- Get real-time feedback on
- Low noise level of the motorized track thanks to the «silent mode» functionality

Aesthetic integration

- Discreet design allows management of cable
- Adjustable limits for customized curtain positioning

Safety and reliability

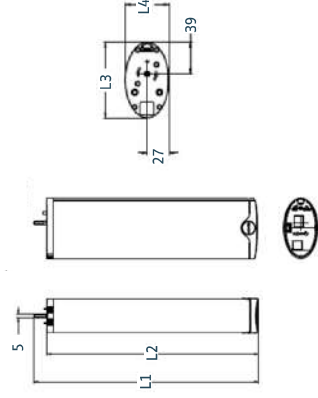
- Reduce light gap thanks to the rail design and the swivel ceiling bracket
- Build-in manual override eliminates damage to the fabric

Technical data

Power supply	100V-240V – 50/60Hz
IP code IP code	IP 30
Working temperature	0°C to 60°C
Insulation class	Class I

Dimensions

L1	348mm
L2	328mm
L3	93mm
L4	53mm



Performances

Nominal torque	0.6 Nm / 1.0 Nm
Speed	7.5 (silent mode) – 12.5 – 15 – 17.5 – 20cm/s
Mode option	Silent mode / high speed mode
Sound level	38 dBA in silent mode
Loading	Up to 35kg / Up to 60kg
Track length	Maximum 10m / 12m Minimum bending radius 300mm
Radio protocol	Zigbee 3.0
Radio frequency	2.4 GHz

Certifications Module



Certifications Motor





Part 2.4

Controls & compatibilities.

Ysia 1 & 5 Zigbee



Ysia 1 & 5 channels is a centralized remote control, combining ergonomics and design to control one or more Zigbee motorized equipment. Integrates Zigbee 3.0. radio technology.

Compatible end-products



Main functionalities

Led Information
The control unit emits a visual signal to confirm the orders has been sent. The user is informed at all times about the correct functioning or in case of any problems that may arise

Centralization
To control several applications or groups of applications

"my" function
It memorizes the favorite position of a product and allows the user to find it instantly by pressing 2 times the "my" button. Simple to program and to modify

Low Battery Indicator In Tahoma
It helps with the remote diagnosis by giving the remaining battery life in Tahoma

Up / Stop (4My® Button) / Down Functions

BENEFITS FOR PROFESSIONALS

- Scalable solution**
 - Solution without the need of a Hub. Scale this solution by adding a Tahoma to pilot new family products (Plugs or receivers)
 - Extend your customer radio range with tahoma to reach and cover their entire home and add third party products compatible products
- Easy to install on site solution**
 - Simple and straightforward setting process. Use Somfy Tahoma Pro App or use your Ysia to operate basic settings and pair your motors on site with known and easy ergonomics, without additional tool
- Dedicated controls to fit all needs**
 - Increase Value with specific valuable solutions that cover all your customer needs, with a variety of functions

BENEFITS FOR END USERS

- A seamless and scalable offer**
 - Benefit from an easy piloting without the need of a domotic box as a first step
 - Scale this solution by adding a Tahoma to your home to pilot new family products, such as plugs, receivers and third parties compatible products
- A complete range of dedicated controls**
 - Specific and valuable solutions that cover all of your needs, with a variety of functions
 - Increase the value of your installations and enjoy a more personalized and efficient experience

A blend of style and functionality

- Ysia range of remote controls have been designed with both functionality and style in mind. The sleek and modern design of these remotes complement any interior design style, while also providing a comfortable grip for ease of use

Technical Features

Nominal Voltage	N/A
Battery	2x AAA LR03 (Alkaline recommended) Lifetime: 4 years (10 orders per day)
Temperature working range	0°C / + 48°C
Temperature storage range	-20°C / + 60°C
Radio Type	Zigbee
Antenna	Integrated
Usage	Indoor



Specifications

Standards		Radio	
Electromagnetic compatibility	US FCC part 15-Canada RSS GEN and RSS 247 Australia EN301489-17	Frequency	2,4GHz
Safety	US UL 62368-1 Australia AS/NZS62368-1 EMEA EN IEC 62368-1:2020 + A11:2020	Range	50 m in free field Use guaranteed in most room configuration (Tahoma Ready) Use up to Home configuration — Depends of the Zigbee network and number of router products (Tahoma Solution)
Approvals	FCC: DWN-YSLA1, DWN-YSLA5 ISED: 12049A-YSLA1, 12049A-YSLA5	Power (max)	60 mW / 10 mW (US) (TBC) +18 dBm / +10dBm (EMEA) (TBC)
Electric (only for Wired Controls)			
Nominal power	N.A.		
Nominal current	N.A.		

Range

Designation voltage	Nb of channels	Width W (mm)	Length L (mm)	Thickness T (mm)	Weight w. batteries	Weight w/o batteries	Radio range	Finishing
Ysia 1 HP Zigbee	1	42	135	17	72	46	Room	Pure
Ysia 5 HP Zigbee	5	42	135	17	72	46	Room	Pure
Ysia 1 Zigbee EMEA	1	42	135	17	72	46	Room	Pure
Ysia 5 Zigbee EMEA	5	42	135	17	72	46	Room	Pure

Certifications



Ysia 1 & 5 Variation Zigbee



Ysia 1 & 5 channels Variation is a centralized remote control, combining ergonomics and design to control one or more Zigbee 2 dimensions motorized equipment. Its dimming wheel allows precise control of applications, especially for interior venetian blinds and lighting. Easy to handle, elegant and discreet wall support. Integrates Zigbee 3.0, radio technology.

Compatible end-products



Main functionalities

Led Information
The control unit emits a visual signal to confirm the orders has been sent. The user is informed at all times about the correct functioning or in case of any problems that may arise

Centralization
To control several applications or groups of applications

"my" function
It memorizes the favorite position of a product and allows the user to find it instantly by pressing 2 times the *my* button. Simple to program and to modify

Up / Stop (my) Button) / Down Functions

Low Battery Indicator In Tahoma
It helps with the remote diagnosis by giving the remaining battery life in Tahoma

Tahoma Pro App and Somfy Home
Works with Tahoma Pro App and with Somfy Home

BENEFITS FOR PROFESSIONALS

Scalable solution

- Solution without the need of a Hub. Scale this solution by adding a Tahoma to pilot new family products (Plugs or receivers)
- Extend your customer radio range with tahoma to reach and cover their entire home and add third party products

Easy to install on site solution

- Simple and straightforward setting process. Use Somfy Tahoma Pro App or use your Ysia to operate basic settings and pair your motors on site with known and easy ergonomics, without additional tool

Dedicated controls to fit all needs

- Increase Value with specific valuable solutions that cover all your customer needs, with a variety of functions

BENEFITS FOR END USERS

A seamless and scalable offer

- Benefit from an easy piloting without the need of a domotic box as a first step
- Scale this solution by adding a Tahoma to your home to pilot new family products, such as plugs, receivers and third parties compatibles products

A complete range of dedicated controls

- Specific and valuable solution that cover your needs for 2D applications, with a scroll wheel to finetune your blinds orientations
- Increase the value of your installations and enjoy a more personalized and efficient experience

A blend of style and functionality

- Ysia range of remote controls have been designed with both functionality and style in mind. The sleek and modern design of these remotes complement any interior design style, while also providing a comfortable grip for ease of use

Technical Features

Nominal Voltage	N/A
Battery	2x AAA LR03 (Alkaline recommended) Lifetime: 4 years (10 orders per day)
Temperature working range	0°C / + 48°C
Temperature storage range	-20°C / + 60°C
Radio Type	Zigbee
Antenna	Integrated
Usage	Indoor

Specifications

Standards	Radio
Electromagnetic compatibility	Frequency
US FCC part 15- Canada RSS GEN and RSS 247 Australia EN301489-17	2,4GHz
Safety	Range
US UL 62368-1 Canada C22.2 Australia AS/NZS62368-1 EMEA EN IEC 62368-1:2020 + A11:2020	50 m in free field Use guaranteed in most room configura- tion (Tahoma Ready) Use up to Home configuration — Depends of the Zigbee network and number of router products (Tahoma Solution)
Approvals	Power (max)
FCC: DMNVAR ISED: 12049A-VAR	60 mW / 10 mW (US) (TBC) +18 dBm / +10dBm (EMEA) (TBC)
Electric (only for Wired Controls)	
Nominal power	N. A.
Nominal current	N. A.

Range

Designation voltage	Nb of channels	Width W (mm)	Length L (mm)	Thickness T (mm)	Weight w/ batteries	Weight w/o batteries	Radio range	Finishing
Ysia 5 Variation HP Zigbee	5	42	135	17	72	46	Room	Pure
Ysia 1 Variation Zigbee EMEA	1	42	135	17	72	46	Room	Pure
Ysia 5 Variation Zigbee EMEA	5	42	135	17	72	46	Room	Pure

Certifications



Smart Plug Zigbee range



1871216
SMART PLUG G-TYPE



1871214
SMART PLUG F-TYPE



1871215
SMART PLUG E-TYPE

" The most useful & convenient way to extend your customer's Zigbee installation "

Easy to move electrical plug to optimize the Zigbee mesh network with a simple function (On/Off). It will add more value than a simple router when extending the installation of Zigbee products.

Compatible end-products



ON/OFF
lighting & small and
medium appliances

Main functionalities



Remote on/off control lighting
and small appliances



Essential point to build and
enlarge Zigbee network when
acting as a Zigbee router



Add it in a scene as an actuator
to turn On/Off all the electrical
devices automatically



Measure the electrical
consumption of your equipment
from your TaHoma application*

*TaHoma Pro app only

BENEFITS FOR PROFESSIONALS

Update Zigbee network :

- Product continuously powered from the sector
- A reliable router to support Zigbee wirefree installations (mandatory product for installations with at least 6 wirefree motors)
- Extend Zigbee radio range inside and outside home.

Boost connectivity :

- Feedback thanks to Zigbee protocol (TaHoma Switch app, TaHoma Pro app, Serv E Go)
- Remote control capability for connected devices.
- Centralization, presence simulation, scenarios, etc.
- Compatibility with voice assistants: Google Home, Alexa, and Apple Home Kit.

BENEFITS FOR END USERS

Update Zigbee network

- Product continuously powered from the sector
- Extend Zigbee radio range inside and outside home.
- Creation of a mesh network between Zigbee products

Power consumption measurement

- Appropriate use of your equipment according to your needs
- Better understanding of their energy consumption and identification of the devices that consume the most electricity
- User-friendly ergonomics from the TaHoma App.

Boost connectivity :

- Feedback thanks to Zigbee protocol (TaHoma Switch app, TaHoma Pro app, Serv E Go)
- Compatibility with SOMFY applications & services (TaHoma Switch app, TaHoma Pro app, Serv E Go).
- Remote control capability for connected devices.
- Centralization, presence simulation, scenarios, etc.
- Compatibility with voice assistants: Google Home, Alexa, and Apple Home Kit.

Technical specifications

Countries	G-TYPE : United Kingdom, Hong Kong, Malaysia, Singapore, Saudi Arabia, UAE, Cyprus	E-TYPE : France, Czech Republic, Netherlands, Poland, Slovakia, Belgium	F-TYPE : Germany, Austria, Netherlands, Sweden, Denmark, Norway, Finland, Italy, Spain, Portugal, Greece, Bulgaria, Hungary, Romania, Turkey, Tunisia, Lebanon, Morocco, Jordan, Egypt
SMART PLUG	G-TYPE 1871216	E-TYPE 1871215	F-TYPE 1871214
Nominal voltage /frequency	240VAC / 50Hz, max 13A	220-240VAC / max 13A	
Output	240VAC / 50Hz, max 13A	220-240VAC / max 13A	
Max Load	3120W resistive	3000W resistive	
Power consumption	≤ 0,5V		
Radio protocol	Zigbee 3.0		
Index protection rate	IP 20 (Indoor Use Only)		
Temperature working range	32°F - 104°F (0°C - 40°C)	0°C - 40°C	
Radio frequency	2,4GHz		
Radio range	House range		
Power Indicator (on/off)	LED		
Power (max)	+10 dBm		
Languages	EN - AR	FR - NL - PL - CZ - SK - EN	DE - NL - SV - DA - NO - FI - IT - ES - PT - EL - BG - HU - RO - TR - AR - EN
Dimensions	58,5x58,5x63,7 mm	79,6x67,9x72 mm	
Weight (in g)	105g	125g	120g

A TaHoma box integrating the Zigbee protocol is required to use Zigbee smart plug.

Certifications G-type



Certifications F-type



Certifications E-type



5
YEARS
WARRANTY



THINGS YOU NEED
TO KNOW ABOUT ZIGBEE

CONTROLS
& COMPATIBILITIES

ACCESSORIES

POWER SOURCES

PART LIST



TaHoma® suite

Discover TaHoma® switch, the first intelligent control that centralises and connects the home. Connected equipment will make your customers' daily lives easier, bringing more comfort and serenity.



TaHoma® switch application is available for Android and iOS.



R.R.P: 199.00€



Compatible with



Advantages

Central control

- A complete experience with three control buttons (2 scene launchers and 1 stop button) and the completely redesigned TaHoma® application.

An open and scalable solution

- Compatible with Sonfy and partner products as well as voice assistants.
- Your customers can add new products at their own pace with the TaHoma® app and can adapt the scenes on the buttons according to their needs.

Designed for all tastes

- TaHoma® switch is fully customizable according to the daily life of your customers. The possibilities are endless in particular thanks to the WiFi connection, TaHoma® switch can be placed anywhere in the home. Its simple and refined design allows it to be adapted to any interior style.

THE TAHOMA® APPLICATION, 4 INTUITIVE AND SIMPLE MENUS



My favourites

- Add favourites by selecting them from the menu.
- Find all the favourites in one place.
- Create groups of equipment for more central use.
- Reorganise the display of the application thanks to 3 possible sizes of blocks for direct access to management.



My house

- Control all equipment from the application individually or in groups.
- View their status in real time.
- Control the equipment by grouping it piece by piece.



My scenarios

- Customise scenarios from suggestions for moments of life.
- Creation of scenarios (manual - programmed - advanced) specific to customers. The programmed scenarios will activate automatically. The advanced scenarios are more personalised with, for example, the taking into account of several conditions and detectors.



Plus

- Access the installation parameters.
- Constant technical support and transmission of information on new content.
- Manage services and voice assistants in connection with TaHoma® switch.

Global and scalable solution

Use	Management of connected equipment (Shutters, blinds, terrace, awnings, gates, garage doors, lights, plugs, camera, alarms, heating, thermostat, music and many more possibilities, with equipment from Sonfy and partner brands). Create and launch scenarios using the command buttons
Integrated radio protocols	zigbee 3.0 (lighting only & sensors)
Management	Smartphone, tablet
Maximum number of io devices*	Up to 120 devices
Maximum number of RTS devices*	Up to 50 devices
Maximum number of Zigbee 3.0 devices*	Up to 45 devices
Maximum number of sensors*	Up to 50 sensors
Maximum number of scenarios	80 usage scenarios

* Recommended number of devices per system. It is possible to register more devices, but this may have consequences in terms of the fluidity of the interface and its proper operation. See the list of products compatible with TaHoma® on sonfy.fr

Technical characteristics

Dimensions	162 x 67.5 x 34 mm
Weight	213g
Range	200 m in open field
Finish	White
Power supply	230V / 5V DC - 1A
Protection index	IP 30
Operating temperature	0°C / + 50°C

To order

Ref	1870595
EAN Code	3660849580308
Pack dimensions (DxHxW)	192 x 116 x 83 mm
Channel distribution	D2C E-retail, Retail
Pack & manual languages	



Contents of the pack

- 1 Home automation unit
- 1 Power Supply

TaHoma® switch

CENTRALISE YOUR HOME WITH A SIMPLE GESTURE

The first smart control device to centralise and connect your home equipment TaHoma® switch is an smart control device, offering 2 buttons launching favourite scenarios to centralise the connected equipment of the home.

Your customers can customize each button according to their equipment to create scenarios in harmony with their daily lives.

With Somfy connected equipment, your customers can benefit from the best of their home.

TaHoma switch makes life easier and adds new advantages to your home.

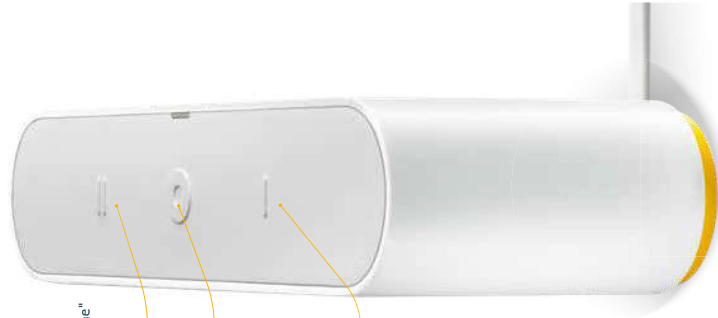
Favourite scenario

Example: "I'm going home"
The roller shutters open
The lights go on

Stop

Favourite scenario

Example: "I'm leaving"
The roller shutters close
The lights go down



A COMPLETELY REDESIGNED APPLICATION!

Control the connected home anytime and anywhere ...
TaHoma® is the application that makes life easier and simplifies the daily life of your customers.
They can easily connect and control their equipment, receive real-time information on the status of their equipment.
Create your customised scene or get inspired by our scene templates.



THE MOST COMPLETE CONNECTED HOME SOLUTION: OPEN AND SCALABLE

TaHoma® switch is compatible with more than 300 Somfy and partner product ranges.
Which gives your customers the best experience they could wish for.

