HOME MOTION BY somfy®	# TECHNICAL DATA SHEET

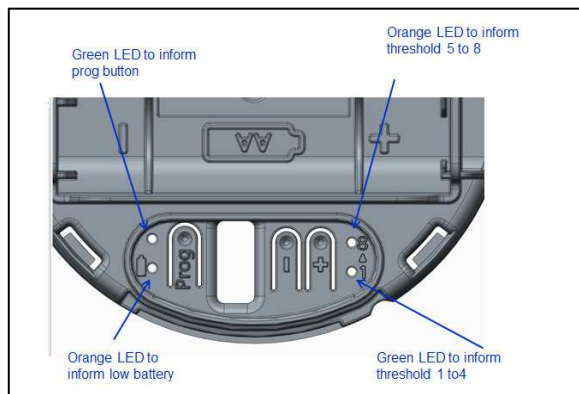| Designation	**Sunis WireFree II io**
Reference	**1818285**

FUNCTIONS

- Sun measurement
- Wireless sensor powered on batteries
- Distant Batteries status (with 2w controller)
- Distant Breakdown status (with 2w controller)

TECHNICAL SPECIFICATIONS

Box	Material	ASA & PC
	Color	White & Grey
	Size	78 x 78 x 37 mm
	Protection factor against solid & splashproof	IP 34
Battery	Voltage	1,5V
	Type	LR06 / AA
	Number	x2
Battery lifetime (at ambient temperature in typical conditions)		5 years
Radio frequency	2W= 868.25MHz/868.95MHz/869.85MHz	
	1W= 868.95Mhz	
Radiated power		+4; +5 dBm
Modulation type		FSK dev. +/- 19.2KHz
Protocole		io homecontrol
Antenna		Integral
Temperature range	Storing (recommended to save the batteries)	5°C / +30°C
	Working	-20°C / +55°C
Drop test		1 (height : 2m)
Measurement		2W= 50 Lux to 100 k Lux
		1W= 10 k Lux to 80 k Lux
Angle of detection		120°
Birds resistance		500g
Weight		150g

Standard (CE)

Safety of the user : EN60950-1

Health of the user : EN62479

Electromagnetic compatibility : EN61000-6-3, EN301 489-3, EN61000-6-1

Radio Spectrum : EN300220-2

DESCRIPTION

78 mm

min 26 mm

max 37 mm

Green LED to inform prog button

Orange LED to inform threshold 5 to 8

Orange LED to inform low battery

Green LED to inform threshold 1 to4

COMPATIBILITIES

❖ **Sensor used in 2W**
- o Connexoon io
- o TaHoma
- o Chronis Smoove UNO S
- o Chronis Smoove IB+
- o Soliris Smoove UNO
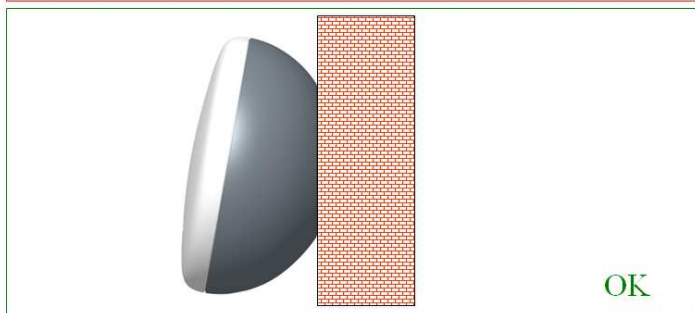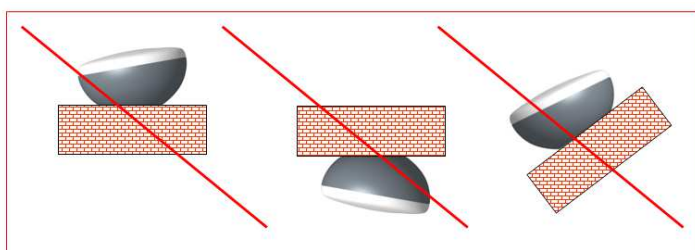- o Soliris Smoove IB+

- ➔ All applications managed by these controls will be compatible with Sunis WireFree II

Not compatible with Easy sun io + sensor box io

❖ **Sensor used in 1W**
- o All io actuators
- o EVB Slim Receiver Variation io
- o Pergola Slim Receiver io
- o Need to use with Smoove A/M io or Situo 5 var A/M io or Smoove UNO A/M io to manage sun On/OFF.

INSTALLATION

OK

BE – R&D	QUALITY	MARKETING