

TECHNICAL DATASHEET

Sunteis io

DOC182074

TDST

Based on DOC161449

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Application scope



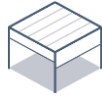
Awning valance



Awning



EVB / IVB



Pergola



Roller Shutter



Screen



Main functionalities

- Use**
It measures two environmental data :
daylight intensity (in lux)
temperature (in °C)
- Maintenance free**
- Compatible with TaHoma**
Working with TaHoma allows you to create scenario and setting up your own thresholds via the App.
- Compatible with standard motor**
- Compatible with Smart Actuator**
- Battery status fonction**
Allows you to know if the product is ready to use at unpackaging

Solar panel power supplied

Technical features

Power supply	3V via Solar Panel
Battery	N.A
Temperature storage range	- 20 °C / + 70 °C

Radio Type	io-homecontrol 2-way
Antenna	Integrated
Usage	Outdoor
Protection factor	IP 44

Sensor

Temperature working range	- 20 °C / + 60 °C
Temperature accuracy	+ / - 4 °C
Brightness measuring range	0 - 150 000 lux
1W	8 thresholds (10/16/24/32(d)/40/50/65/80 klux)
2W	0 to 150 klux

Specifications

Standards

Electromagnetic compatibility	EN 301 489-3
Electrical safety	EN IEC 62368-1
Health protection	EN 62 479
Radio	EN 300 220-2

Certifications



Electrical (only for Wired Sensor)

Stand-by power	N.A
Nominal power	N.A
Min/Max current	N.A

Radio

Radio frequency	868.95 MHz +/- 1 kHz
Radiated power	+ 12 dBm (max)
Radio range in free field	250 m in free field

Radio range
Use guaranteed all over "home" depending of the environment

Range

Designation	Width W (mm)	Length L (mm)	Thickness T (mm)	Weight (g)	Radio range	Finishing	Shortguides Languages
SUNTEIS IO	37	91	19	48g (sensor) 10g (holder)	Home	Pure	FR / DE / IT / NL / SV / DA / FI / NO / EN PL / HR / CS / RO / HU / ES / PT / EL / BG
BRIGHTNESS & TEMPERATURE SENSOR SUNTEIS IO	37	91	19	48g (sensor) 10g (holder)	Home	Pure	FR / DE / IT / NL / SV / DA / FI / NO / EN PL / HR / CS / RO / HU / ES / PT / EL / BG

Description

Packaging

+

Sensor device

+

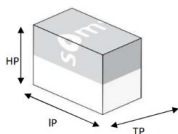
1 safety leaflet
&
1 Instruction guide

+

Holder

+

Visserie pack



HP * IP * TP = 109 * 57 * 45 mm

Limitations

No wirefree motor (only Sunea 40 Solar)