TECHNICAL DATA SHEET

01/03/2019	DOC152071

Designation	**SITUO io**
References	**1870311 to 1870314 Situo 1 io Pure II** **1870315 to 1870318 Situo 1 io Iron II** **1870319 to 1870322 Situo 1 io Natural II** **1870323 to 1870326 Situo 1 io Arctic II** **1870327 to 1870330 Situo 5 io Pure II** **1870331 to 1870334 Situo 5 io iron II** **1870335 to 1870338 Situo 5 io Natural II** **1870339 to 1870342 Situo 5 io Arctic II**
Range	**SITUO**

FUNCTIONS

Situo 1 & 5 io are designed to manage io applications.

- **Up/Turn on/Open (short press), Dim & Tilt UP (long press)** function on "Up" button
- **Stop** function on "Stop/My" button
- **Down/Turn off/Close (short press), Dim & Tilt down (long press)** function on "Down" button
- **My** button allows to define a **favorite position** of the application.
- A select button able to **select a channel** (on the Situo 5 io only)

At each pressing of a button, the transmitter emits radio orders and green led lights on during the time the button is pressed (to confirm order emission)

The programming button located at the back cover of the transmitter allows to memorize the address of the transmitter in one or several receivers. It is the pairing process.

Situo 1 io II

Pure   Natural   Iron   Arctic

Situo 5 io II

Pure   Natural   Iron   Arctic

TECHNICAL SPECIFICATIONS

Box	Material	TBC (ABS)
	Colors	Pure / Arctic / Natural / Iron
	Size	149 x 42 x 16 mm
Weight (remote + battery only)	Gramme	46g
Battery	Voltage	3V
	Type	CR 2032
	Lifetime (at ambient temperature)	5 years (4 orders per day/per channel)
Radio frequency	MHz	For Europe and all countries applying and allowing io technology: 868 MHz
Radio power	Min dBm	+3 dBm
Radio range	Free field	For 1 channel remote control: Min 50m in free field Use guaranteed in most « Room installation » depending on the environment. For 5 channels remote control: Min 150m in free field Use guaranteed in « Floor installation » depending on the environment
Modulation type		FSK
Protocol		io homecontrol
Antenna		Integral
Temperature range	Storing	- 20°C / +60°C
	Working	0°C / +48°C
Standards	Electromagnetic compatibility	EN 61000-4-2 EN 61000-4-3 EN 301489-1 EN 301489-3
	Electrical safety	EN 62368-1
	Protection on the health	EN 62479
	Radio	EN 300220-2

DESCRIPTION

Wall bracked location
Up button
Stop/My button
Down button
Current channel
Channel selector

Prog button

Wall bracket

Trapdoor opening

Double side tape

COMPATIBILITIES

See compatibility matrix

USAGE

Press on **"Up"** button sends open / switch on the applications (Roller shutters, Screens, Awnings, Lights, EVBs …)

Press on **"Down"** button sends close / switch off the applications (Roller shutters, Screens, Awnings, Lights, EVBs …)

Short press on "My" sends **stop** if actuator is moving.
Short press on "My" sends actuator to **favourite predetermined position** order if actuator is already stopped.

On the Situo 5 Variation io, use **channel button** to choose the channel you want to control.
The **channel(s) LED** indicate which channel is currently selected
Note that some specific ergonomics could be applied (*see actuators leaflets for further information).*

INSTALLATION

My setting
Long press (5secs) on "My" saves "My" position inside the actuator.
If the actuator is already in "My" position, it will erase the "My" position. (depending on the actuators)

Prog (pairing process)
Short press (0,5secs) on Prog to pair your product to a "waked up" actuator.
Long press (2secs) on Prog to wake up the actuator already paired.

Rolling code
The first code is automatically set in factory.
At each control given by the transmitter, the code is automatically changed (rolling code, 16 million of possibilities).

SOMFY Actuators settings and re-settings with multiple press of Up, My and Down buttons (see actuators leaflets).