



TECHNICAL DATA SHEET

12/12/2013

TDST DOC104277 004

Designation	TDST DOC104277 004 Tahoma Lot 1.6.5 - MM
Reference	
Range	io homecontrol by Somfy

FUNCTIONS

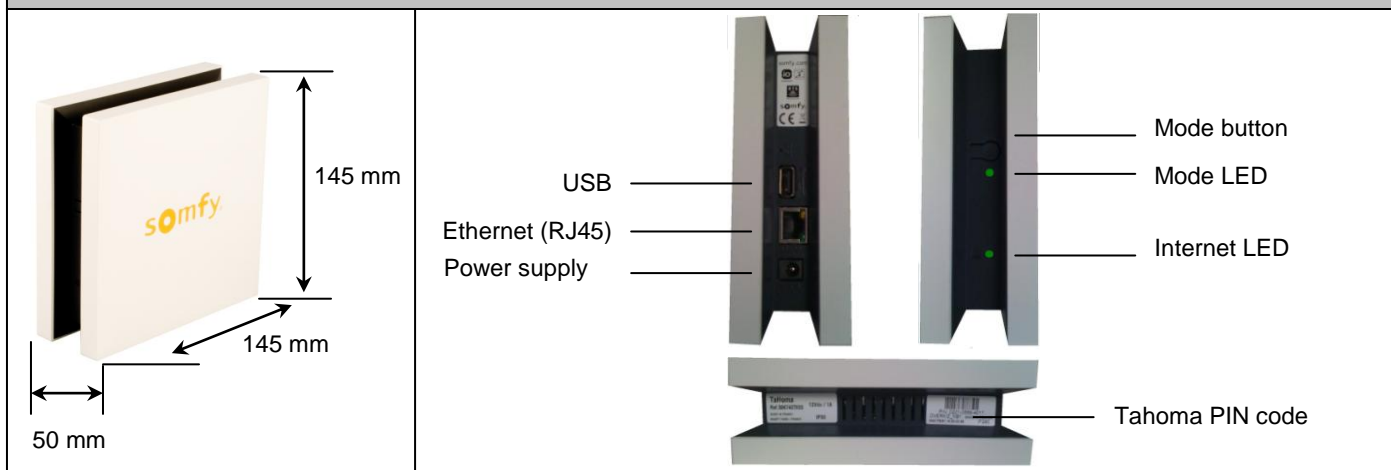
- Installation :** Pair io homecontrol actuators, io homecontrol and RTD sensors, RTS actuators, EnOcean actuators and electricity consumption sensors, IP Axis cameras.
Create your house (Levels, Rooms)
- Supervision :** See and change actuators position.
Feedback of the actuators movement in the dashboard.
- Scenarios :** Create, Modify, Name, Delete Scenarios.
Play Scenarios immediately or after XX minutes
- Timer :** Add scenarios in days. Add days in the week
Play scenarios at dawn and twilight
- Sensors :** Set a threshold. Set a scenario and/or alert when value is upper threshold.
Set a scenario and/or alert when value is lower threshold.
Display energy consumption.



TECHNICAL SPECIFICATIONS

Box	Material Color	ABS Dark Grey / White
	Size Protection factor against solid & splashproof	145 x 145 x 50 mm IP 30
Weight		225g
Power supply	Voltage Current (maximum) Current (nominal)	12V DC (230V~50Hz Power supply) 1A 0.1A
<i>Io homecontrol Radio</i>		
Radio frequency		868.25MHz/868.95MHz/869.85MHz
Radiated power		+10 dBm
Modulation type		FSK dev. +/- 19.2KHz
Protocol		io homecontrol 2W
Radio range		200m (free field)
Antenna		integrated
<i>RTS Radio</i>		
Radio frequency		433.42MHz ± 100kHz
Radiated power		0dBm or 1 mW
Modulation type		ASK type A1
Protocol		RTS
Radio range		200m (free field)
Antenna		integrated
Product lifetime warranty		24 months
Temperature range	Storing Working	-25°C / +65°C 5°C / +35°C
Drop test		1 per face (height : 1,2m)
Webserver		www.tahomalink.com
Computer compatibility		Flash player 11 compatibility Minimum Res. 800x600
Mobile devices compatibility		iPhone – iPad Android devices

DESCRIPTION



COMPATIBILITIES

io homecontrol actuators

Interior Venetian blind (Pr. 1)
 Roller shutter (Pr. 2)
 Adjustable Slats Roller Shutter (Pr. 2.1)
 Vertical exterior awning (Pr.3)
 Window Opener (Pr.4)
 Window opener with integrated rain sensor (Pr. 4.1)
 Garage door opener (Pr. 5)
 Rolling door opener (Pr. 5.58)
 Light with dimming (Pr. 6)
 Light with color – only light intensity (Pr 6.1)
 Light ON/OFF (Pr. 6.58)
 Gate Opener (Pr. 7.58)
 Door lock (Pr. 9)
 Window lock (Pr. 9.1)
 Vertical interior blinds (Pr. 10)
 On / Off switch (Pr. 15)
 Horizontal awning (Pr. 16)
 Pergola (Pr. 16.1)
 Exterior venetian blind (Pr. 17)
 Alarm with 3 zones (Pr. 23)
 Electrical Heating (Pr. 52)
 Other io homecontrol actuators (Up / Stop / Down functions)

io homecontrol sensors

Light inside (Pr. 1)
 Light outside (Pr. B)
 Temperature inside (Pr. 2)
 Temperature outside (Pr. 3)
 Energy consumption sensor
 gaz, electricity, thermal energy,
 water

RTS actuators

See RTS compatibility matrix (available on Product & Survey / BG1 / Compatibilities)

RTD sensors (with a USB dongle)

Movement detector
 Smoke detector
 Opening detector

EnOcean receivers (with a USB dongle)

On/Off products

EnOcean sensors (with a USB dongle)

Electricity consumption module
 Hoppe handle

Honeywell heating system (with a USB dongle)

EvoHome range

Controller

Scenario player for TaHoma

Cameras

Axis range (firmware 5.20.xx & 5.40.xx)
 Somfy range

Maximum Scenario storage	40
Maximum days storage	>20
Week number	1
Maximum Scenarios per day storage	30
Maximum io homecontrol Actuators storage	>100
Maximum RTS actuators storage	50
Maximum Controllers storage	>20
Maximum enocean equipment storage	>20
Maximum Sensors storage	20
Maximum Cameras storage	5

INSTALLATION

1. Subscribe Tahoma Somfy service on somfy B2C website or B2B website
2. Go on B2C to access to the TaHoma interface or use the mobile application
3. Enter your login and password
4. Pair your io homecontrol actuators
5. Pair your io homecontrol sensors
6. Pair your RTS actuators
7. Set your house (level / rooms)
8. Play with your house and enjoy.

BE – R&D
 B. Chauvet

QUALITY
 A. Espinasse

MARKETING
 PY. Cogne