

TECHNICAL DATA SHEET

07 - 12 - 2015

TDST DOC103933

Designation	NINA io
Reference	1805251
Range	io

FUNCTIONS



Installation:

- Languages choice: (FR (per default) DE, NL, ES, EN, IT, PL)
- Pair io homecontrol actuators
- Associate actuators to group
- Name or re-name group
- Name or re-name actuators

Scenarios:

- Create, Modify, Name, Delete Scenarios
- Play scenarios immediatly

- Icon Battery life time

Supervision:

- See and change actuators position.
- Feedback of the actuators movement.

- Maximum actuators **60**
- Maximum Beacons **5**
- Maximum groups **30**
1 group home, 3 groups floor, 2 groups façade, 15 groups room, 4 groups application types and 5 custom type)
- Maximum actuators per group
Group home = **60**
Group Floor = **30**
Group façade = **30**
Group room = **15**
Group applications types = **60**
Group Custom = **60**
- Maximum scenarios per group **15**
- Maximum Custom scenarios **30**

TECHNICAL SPECIFICATIONS

Remote control	Material	ABS-PC
	Color	White & Black
	Size	Module 144.7 x 60.8 x 22.4 mm Dock station 159.8x68x54 mm Remote control + Dock station 159.8x68x69.9 mm
Power supply AC/DC adaptor	Protection factor against solid & splashproof	IP 20
	Input Voltage	100-240V / 50-60Hz / 300 mA
	Output Voltage	5V / 1500 mA (micro USB)
	Battery Capacity	3.7 V Lithium polymer 720 mA
Radio frequency		868.25MHz/868.95MHz/869.85MHz
EIRP (Equivalent Isotropically Radiated Power)		8.5 dBm
Modulation Type		FSK dev. ± 19.2 kHz ± 4 KHz
Protocol		io homecontrol2W
Antenna		Integrated
Temperature range	Storing	-20°C / +60°C
Drop test	Working	0°C / +45°C
		Using: at 20°C 1/face (height: 80 cm)
Cleaning products resistivity		250 cycles
Weight	NINA	117g
	Dock station	205g
	Power supply	35g
	NINA + dock station + power supply	357g

Standard (CE)

Safety of the user : EN EN60950-1

Health of the user : EN 62479

Electromagnetic compatibility : EN61000-6-1_EN61000-6-3_EN301 489-3

Radio Spectrum : EN300220-2

DESCRIPTION



Touch Screen

Contact to charge the NINA on the table holder

Connexion for USB plug.
Not functional today

Key button



On/Off button



Table Holder



Connexion for USB
plug to charge NINA



COMPATIBILITIES

Io homecontrol actuators

Profile :

- 1 → Interior Venetian Blind
- 2 → Roller Shutter
- 2.1 → Adjustable slats rolling shutter
- 3 → Vertical Exterior Awning
- 4 → Window opener
- 4.1 → Window opener with integrated rain sensor
- 5 → Garage door opener
- 6 → Light (On/Off and Dimming)
- 7 → Gate opener
- 7.58 → Gate opener only supporting Open-Close
- 9 → Door Lock
- 9.1 → Window Lock
- 10 → Vertical Interior Blinds
- 15 → On/Off switch
- 16 → Horizontal Awning
- 16.1 → Pergola Rail Guided Awning
- 17 → Exterior Venetian Blind
- 19 → Curtain track
- 23 → Intrusion Alarm

Other io homecontrol actuators (Up / Stop / Down functions with generic icon)



NOT COMPATIBLE with io homecontrol sensors

Profile:

- 1 → Light inside
- B → Light outside (sun sensor)
- 2 → Temperature inside
- 3 → Temperature outside