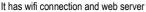# ingenium
www.ingeniumsl.com

Graphical Control

ST2 - Plus – V1.0

ↄBUSing® CE

General description

The ST2 Plus is a 4.3" vertical and capacitive color touch screen to control and monitor elements in a BUSing installation. It can create up to 6 different themes which can be programmed to change automatically when you want.

It has wifi connection and web server integrated to control the installation either locally or remotely, through Ingenium official Apps (for iOS and Android). Besides, it supports voice control with Google Home.

Capacity

- Supports up to 32 controls, distributed amongst 4 pages (8 controls per page). A simple lateral shift allows to navigate around the screen).
- WiFi connectivity and webserver which allows to control locally and remotely from any iOS or Android device, simply by downloading the official Ingenium applications.
- Compatible with Google Home for voice control.
- Gestural "shortcuts" that allow you to perform default actions with a simple movement while the screen remains in stand-by mode
- Multilanguage support
- Security issues such as locking by numerical code or restrictions to the menu access.
- Possibility of managing an independent climate area with internal temperature sensor.
- Technical alarms management.
- Arm/disarm of an intrusion alarm.

Technical information

Supply: 9-16 Vdc from BUS.

Consumption: 250mA @ 12Vdc

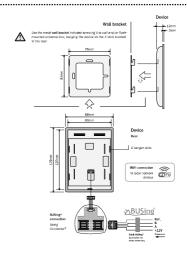**Integrated temperature sensor** – Measured range 0ºC-51ºC.

Mounting:

- Surface. Flush mounting with box (included)
- On universal distribution box, screwed on wall

Size: 88 x 129 x 8 mm.

Environment temperature range: Operation: from -10ºC to 55ºC / Storage: from -30ºC to 60ºC / Transportation: from -30ºC to 60ºC

Regulation: According to the directives of electromagnetic compatibility and low voltage EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

Installation

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use shielded 4 wires x 0,22mm^2 or 2 wires x 0,5mm^2 + 2 wires x 0,22mm^2.

-Follow a colour code for the BUS. Our ref: Red +12V, Yellow: A, Green: B, Black: Ref.

More info