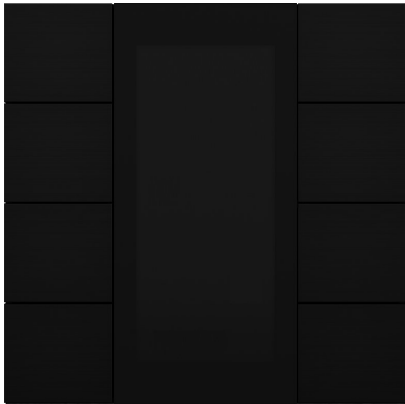


iSwitch+

DALI-2 Wall Switch



Product Code	ITR340-XXXX
Power Supply	20 V DC
Current Consumption	10 mA
Push Buttons	Depends on model (2 to 8 button)
LED Indicators	RGB LEDs for each button 1 x Blue Navigation LED 1 x Red identification LED
Sensors	Temperature sensor (±0.2°C sens.) Humidity sensor (±2 %RH sens.)
Interfaces	VA-type low power LCD*
Type of Protection	IP 20
Temperature Range	Operation (-5°C...45°C) Storage (-20°C...60°C)
Maximum Air Humidity	< 90 RH
Colour	Buttons: Depends on models Back cover: Matte black
Dimensions	90 x 90 x 12 mm (W x H x D)
Configuration	Via Interra DALI Configurator Software and Interra DALI Master

DESCRIPTION

Interra iSwitch+ is a wall-mounting device with an integrated temperature, humidity sensor. Each push-button is equipped with an RGB LED to show feedback or visualization and LCD models are equipped with VA-Display technology* which provides low energy cost and good view angle. Moreover, there is blue navigation LED for orientation nightlight. The device provides an adjustable LCD backlight* and LEDs intensity for user comfort. All models can be programmable with the Interra DALI Configurator Software, which provides efficient commissioning.

Multi-master feature allows other sensors and master devices to communicate each other.

The device is easy to install, fitting into a wall-mounted installation box and powered directly by the DALI bus.

The product is DALI-2 certified, confirming compliance with the DALI-2 protocol. Supported protocols are IEC62386-101, IEC62386-103, IEC62386-301 and IEC62386-332* .

MODELS AND VARIATIONS

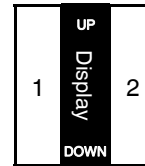
ITR 340 - X₁ X₂ X₃ X₄

X₁: LCD/AQI Status X₃: Material

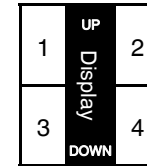
X₂: Button count X₄: Colour

X ₁	4	5	6	7
LCD	x	✓	x	✓
AQI	x	x	✓	✓

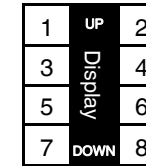
Models with LCD:



ITR340-12X₃X₄

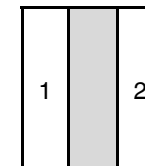


ITR340-14X₃X₄

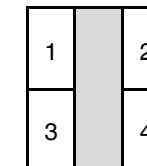


ITR340-18X₃X₄

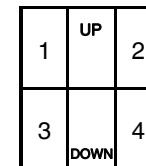
Models without LCD:



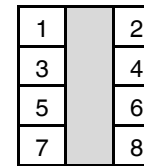
ITR340-02X₃X₄



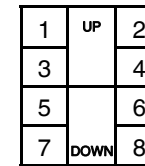
ITR340-04X₃X₄



ITR340-06X₃X₄



ITR340-08X₃X₄



ITR340-00X₃X₄

Material and Colour Options:

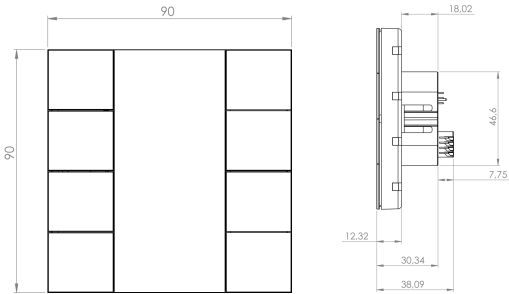
X ₃ : Material	0 Plastic	1 Aluminium	2 Stainless Steel	3 Glass
X ₄ : Colours	1 - Black	0 - Natural	0 - Natural	1 - Black
	2 - Glossy White	1 - Black	1 - Copper	2 - White
	3 - Matte White	2 - Bronze	2 - Bronze	
	4 - Matte Anthracite	3 - Gold		
	5 - Metallic Gray			

MAIN FUNCTIONAL CHARACTERISTICS

- The complete configuration of the device is performed via Interra DALI Configurator Software and Interra DALI Master.
- Depending on software configuration and settings, the product feature will be different. Available functions are: Switching, dimming, toggle
- Every instance can transmit events to inform another bus unit. It is possible to disable events if we aren't interested in the event.
- As explained in the standards it can send 9 kinds of events which are: "Button released", "Button pressed", "Short press", "Double press", "Long press start", "Long press repeat", "Long press stop", "Button free" and "Button stuck".
- It can measure with integrated temperature, humidity, (depending on the model) sensors.*
- Each LED can be configured independently from buttons.
- Enhanced and extended LCD Screen functions.*

*: The features are currently under development.

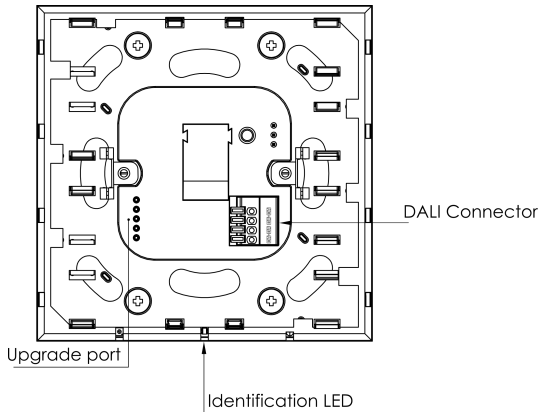
DIMENSIONS (mm)



All of the iSwitch+ models, with or without LCD, have got the same dimensions.

CONNECTION TO DALI BUS AND PROGRAMMING

The connection of the DALI bus line is made with the terminal block included in delivery and inserted into the slot of housing.



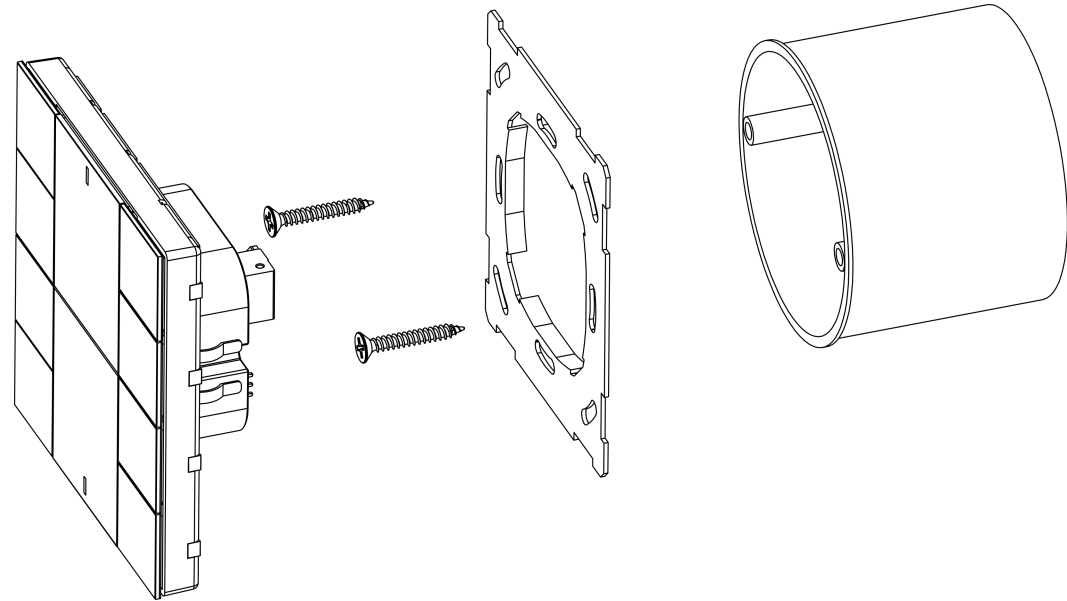
The device is equipped with a red LED for identification purposes. During identification, the red LED flashes once per second for 10 seconds.

SAFETY INSTRUCTIONS

- All Installations should only be performed by qualified personnel following applicable regulations on preventing accidents, as required by law.
- Do not connect the main voltage (230 V AC) or any other external voltages to any point of the DALI bus.
- Connecting an external voltage might put the DALI system at risk.
- Ensure that there is enough insulation between the 230 V AC voltage cables and the DALI bus.
- Do not expose this device to direct sunlight, rain or high humidity.
- Clean the product with a clean, soft, damp cloth.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Screw down strength is 1 Nm.

MOUNTING

The iSwitch+'s mounting steps are described below.



Mounting

The device is suitable for use in dry interior rooms and can only be mounted on a standard-sized round or square wall flush mounting box. The iSwitch+ should be mounted after the wall painting process is finished. Otherwise, the product's cosmetics may be damaged. The mounting steps are shown below.

- Check the mounting box, and whether is done properly
- Insert the metal frame of the iSwitch+ into the wall flush mount.
- Connect the DALI cable and other cables (optional) to respective terminals.
- Finally, insert the iSwitch+ into the metal frame.