

ZAS is a KNX room controller with an innovative and user-friendly design that allows control of the main functions of a room, such as lighting, climate or shutters, in a visual and intuitive way. It is designed to improve functionality in the intelligent home and building. Tactile buttons allow the user to directly act on any system in the room, as well as manage the advanced control menu.

DEVICE CHARACTERISTICS:

- Room controller with temperature probe and thermostat function, IR receiver with remote control (physical appearance similar to ZAS, not included).
- LCD 128 x 64 pixels, 1.8", 8 buttons for customizable functions, Menu button and OK button.
- Submenus: climate control, scenes control, presence simulation, security menu and general configuration of the room controller.
- Screensaver that shows the time and internal temperature probe value.
- Two opto-coupled inputs included, which can be configured as either digital (sensor/switch) or analog (temperature probes).
- Integrated BCU-KNX.
- Easy installation.

GENERAL SPECIFICATIONS

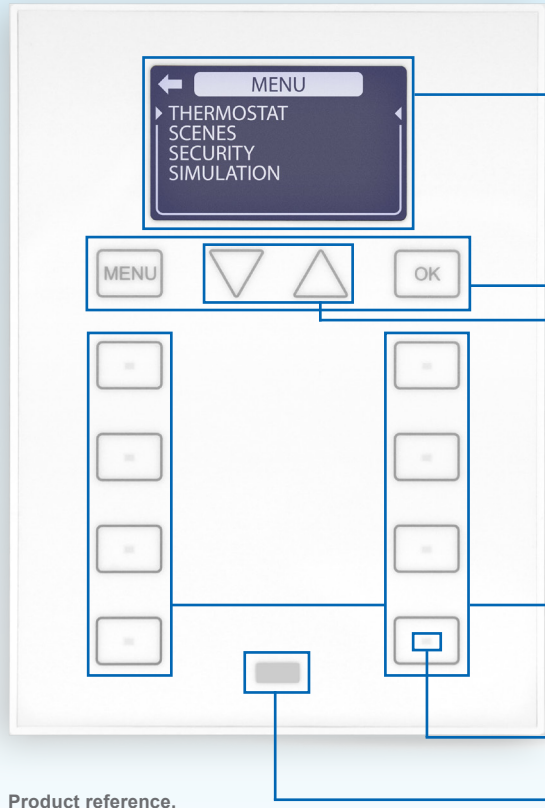
- Electrical operation control device.
- KNX Power Supply: Operating voltage 29V DC. Voltage range 21-31V DC. Consumption: 480mW. Typical KNX bus connector TP1, section 0.50mm².
- It does not require an external power supply.
- Working temperature 0 to 45°C.
- Relative humidity: 30-85% RH (without condensation).
- Independent mounting: vertical position with temperature probe downwards and magnets to attach to the metal wall plate.
- Indoor temperature probe range: 0 to 60°C, with 0.1°C resolution.
- IR receiver carrier frequency: 38KHz. Operating Range: 8m.
- Weight: 250gr.



IR remote control.



Smart room controller ZAS. Black and white colours.



GENERAL

- Touch anywhere panel with blocking option.
- Two configurable inputs, either an edge detector (digital) or temperature probe (analog), placed at the back.
- Acoustic acknowledgement.

DISPLAY

- Screensaver alternates between the time and temperature measured (internal sensor).
- Customizable indicators show the room's main parameters.
- Operating help: When pressing the central area, the function associated with each button is shown.
- Configurable luminosity by parameter.

MENU

- Heat/cool Thermostat: 2 points with hysteresis/PI/PWM with automatic mode change.
- Six configurable scenes (running and/or saving scenes).
- Presence simulation.
- Protection against un-authorized access to menus or buttons. Password consisting of a combination of 4 key-presses.
- General configuration. Contrast, time, programming LED, touch panel calibration and general reset.

THERMOSTAT SETPOINT CONTROL

- 2-byte object for thermostat control.

TACTILE BUTTONS

- Individual operation: 1-bit object. Fixed 1-byte object. Fixed 2-bytes object (float or unsigned). Scene (running and/or saving).
- Left/Right pair operation: Binary control. Light control (on/off and 4-bits regulation). Shutter control (move up/down, stop/step). Percentage (0-100%). Counter (0-255). Enumeration (6 possible values). Temperature.
- Each button has a LED that can be used as a status indicator.

REMOTE OPERATION USING IR REMOTE CONTROL

- It allows access to the ZAS functionality.
- Direct control of thermostat special modes.
- Display on /off.
- Two customizable functions.

Product reference.

Polar white ZAS: ZN1VI-TPZAS-W

Black ZAS: ZN1VI-TPZAS-B

IR ZAS: ZN1IR-ZAS