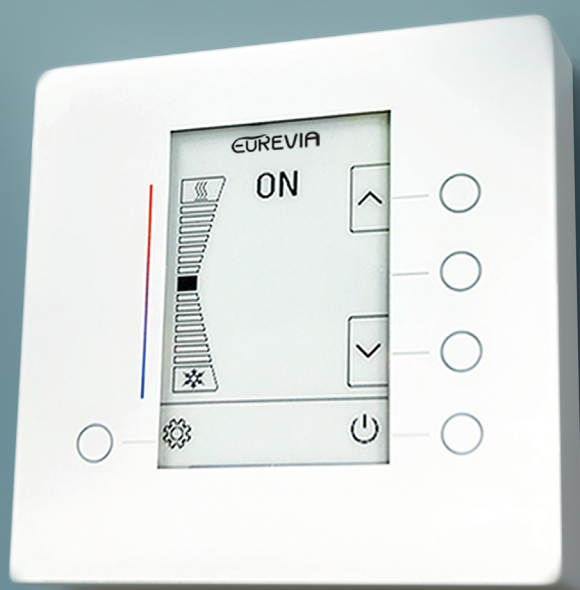


Fabriqué
en France



réSENS

rSMART

Connected thermostat

- Sleek design
- Energy saving
(e-reader technology)
- Adaptive backlighting
- Simple and intuitive operation

EUREVIA *by* De Dietrich 

www.eurevia.com

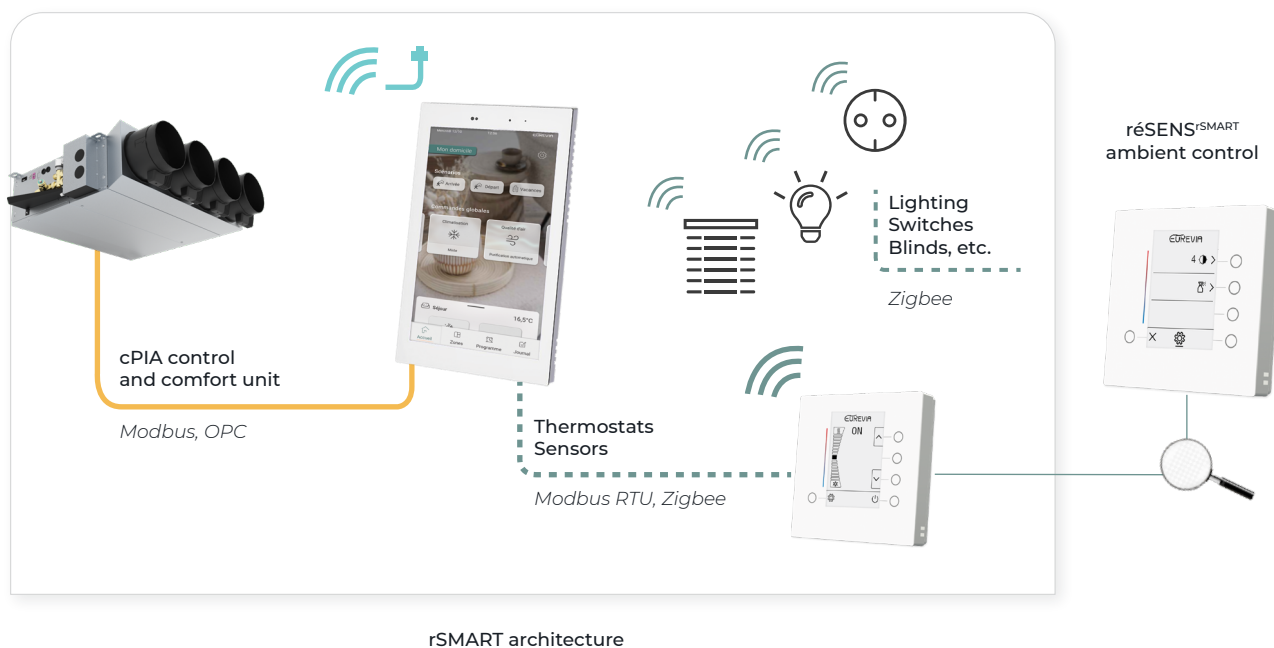
General information about rSMART

The réSENS multi-function thermostat continuously measures temperature and humidity. It incorporates technology derived from e-readers, which consume very little energy (eBook). It is equipped with a 2.7" display with auto-adaptive backlighting.

The réSENS has five touch-sensitive buttons for displaying values or settings and adjusting levels or setpoints, giving it a sleek design and making it easy to clean.

As an option, it includes the "CO₂ sensor" function, and in the near future, it will also feature the multi-task function (blinds, lighting, etc.) for the room in question.

The réSENS multi-function thermostat fits perfectly into EUREVIA's rSMART range.



Key features

- Modbus RTU or Zigbee interface for integration with rSMART controllers
- 2.7" e-paper display, 117 dpi
- Auto-adaptive backlighting
- 5 (capacitive) touch buttons
- Configurable interface
- Temperature sensor
- Humidity sensor
- CO₂ sensor (option)
- Multi-task control (coming soon)

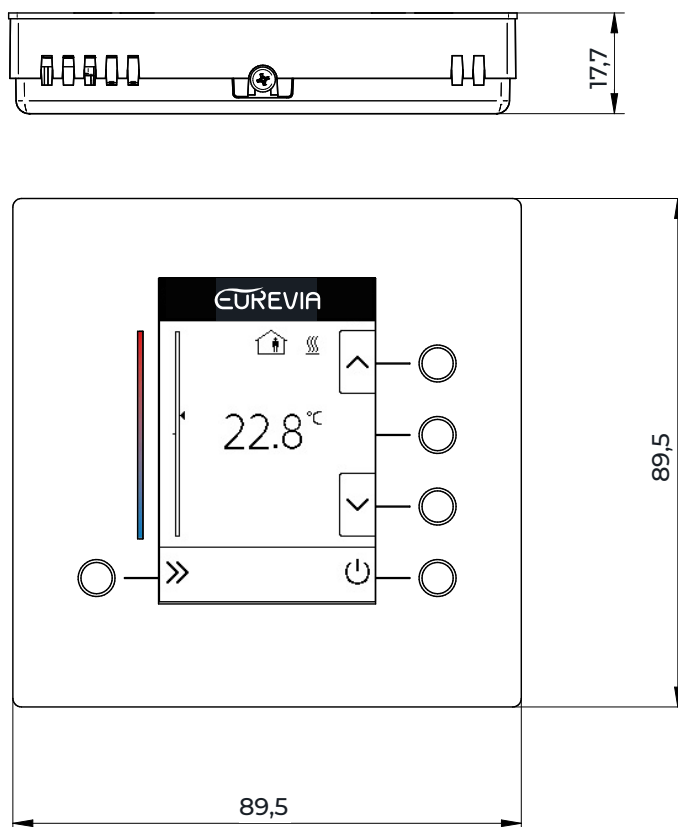


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Specifications

Dimensions (mm)	89,5 x 89,5 x 17,7 (L x H x P)
Installation	Protruding from a flush-mounted box
Power supply	5 - 24 V DC $\pm$ 10% (Modbus version) 2 x CR 2450 (wireless version)
Conditions of use	0 °C to 50 °C, 10 - 95% RH, non-condensing, protection level: IP30
Display	Backlit e-paper
Interfaces, sensors	1 x RS-485 (ANSI TIA/EIA-485) (Modbus version) Zigbee (wireless version) 1 x integrated temperature sensor 1 x relative humidity sensor 1 x CO 2 sensor (<i>optional</i>)
Buttons (capacitive touch)	5 buttons
Sensor specifications	
Temperature measurement	Sensor type: CMOS, range: -40 to 125 °C, resolution: 0.1 °C, accuracy: $\pm$ 0.5 °C (5 to 60 °C)
Relative humidity (RH)	Sensor type: capacitive humidity sensor, range: 0% - 100% RH, resolution: 1% RH, Note: $\pm$ 2% relative humidity @ 25 °C, 20% - 80% relative humidity $\pm$ 3% relative humidity @ 25 °C, 0%–20% RH and 80%–100% RH, respectively

Dimensions (in mm)



Ambient control

réSENS^{rSMART}

Area of application:

Home environment

Hotel

Retirement and nursing homes

Cruise ships

Tourist residences

Medium and large

cZONE

oZONE

iROOM

iCRUISE



e-paper



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Document n° OCS11102K25.EN