



# SMART THERMOSTATS

radiant heating  
& cooling  
components

**OEM**



Optimized for  
radiant heating and  
cooling systems



Self-learning feature  
with geolocation aimed  
at energy saving



Secure remote  
connection and  
automatic updates



Innovative regulation  
strategies for  
energy saving



Voice control  
through Amazon  
Alexa



Advanced  
management  
of air units



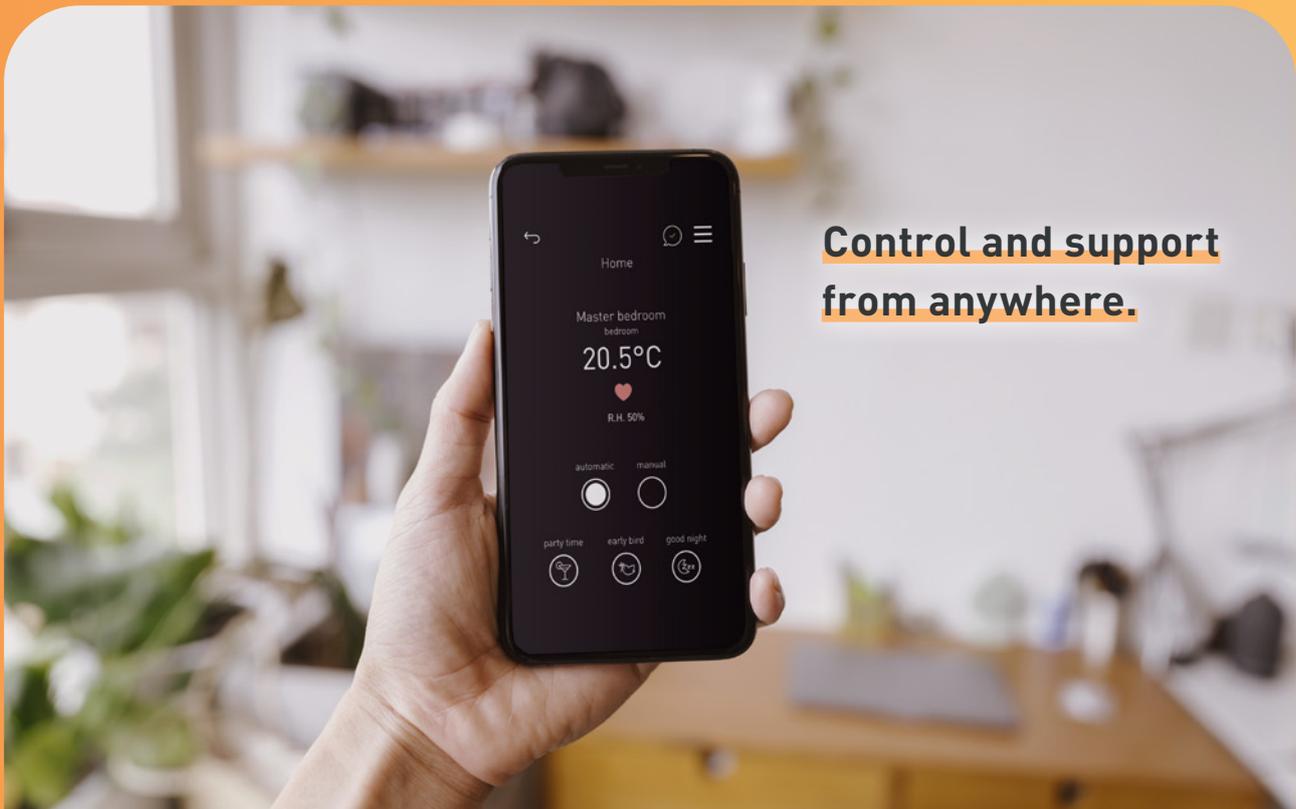
The system learns the  
amount of time required  
to warm up or cool down  
every room



Intuitive graphics,  
tutorials and online  
support



Remote control  
with Apps  
iOS and Android



**Control and support  
from anywhere.**

## Optimum start & stop

Common thermostats control room temperature by following the scheduling defined by the user. As they do not account for time needed to heat up or cool down, especially in case of radiant systems, they may lead to comfort problems and energy losses. Optimum Start & Stop takes care of this by adjusting the start and stop of each room in the system, based on real room behaviour, thus maximizing comfort and saving energy.



PID  
strategy



Master room  
detection



Self-adjusting  
climatic curve



WiFi and bus  
connection



Integration with home automation  
through standard protocols



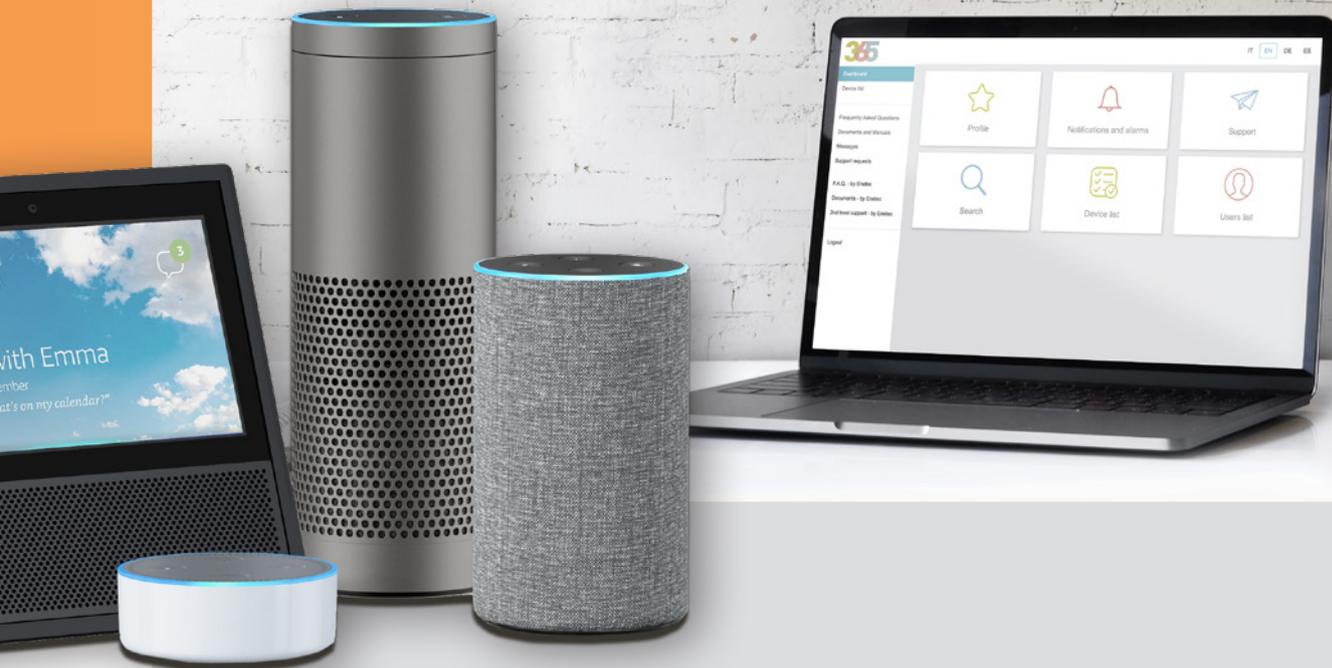
Error-free  
assisted installation

## Energy saving and comfort living mode

The user can set the most suitable operating mode according to the type of environment, with an eye to consumption or push the system to maximum comfort.

energy saving  comfort living

**Smart home integration: using Smart365 with Amazon Alexa means you can now effortlessly control your comfort with your voice.**



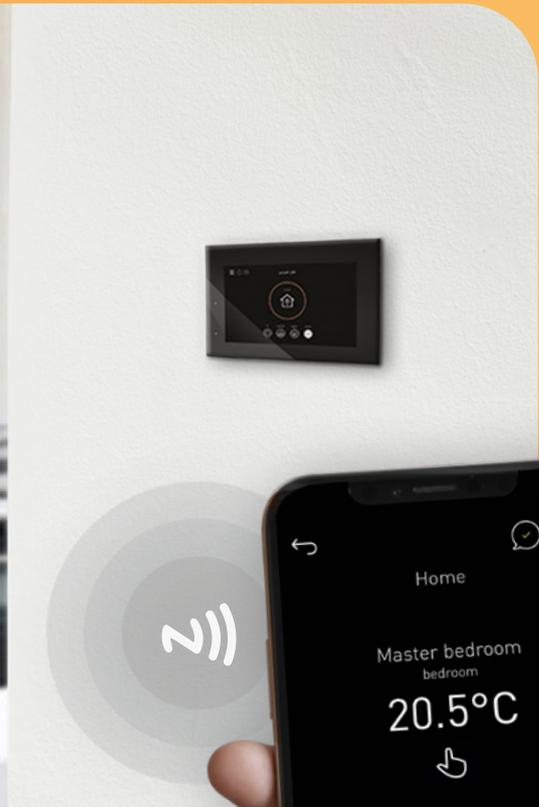
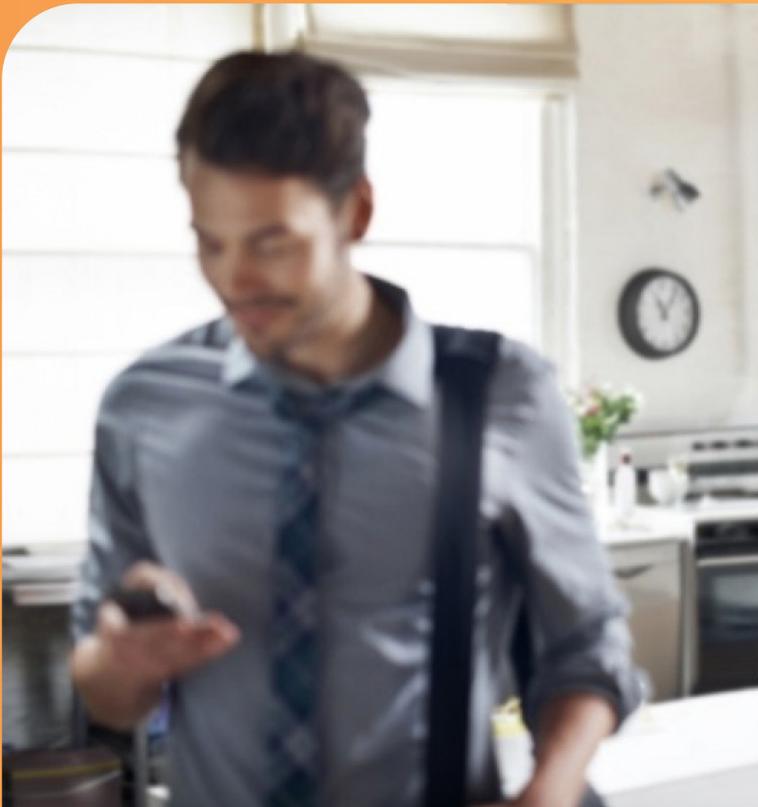
## Web portal

The web portal allows the management of the user account, for the visualization of graphs and data, download of guides and manuals, assistance, after-market services, contacts and messaging. The web portal can also be used by specialized personnel (installer, service center) with access to technical data and direct assistance.

## New App (iOS + Android) and cloud platform

The user controls all homes from a single App, even remotely. All data are kept with the most modern procedures and technologies to guarantee the security and protection of the user's privacy. All settings will be synchronized with the system, even if temporarily there is no internet connectivity. The App allows the user to control all the functionalities of the system.





## Make the invisible visible

NFC  
FUNCTION  
Temperature  
+/- 3°C  
Air control

NFC technology: all SmartPoint sensors are equipped with an NFC Tag. With a simple click on your smartphone, you can see the temperature set in that room and change it.

## Geofencing

Never heat up your empty home. Save energy when nobody is home and let pre-warm the house before you arrive home. If you activate "away" manually or through geofencing, the system will set the eco mode to save energy.



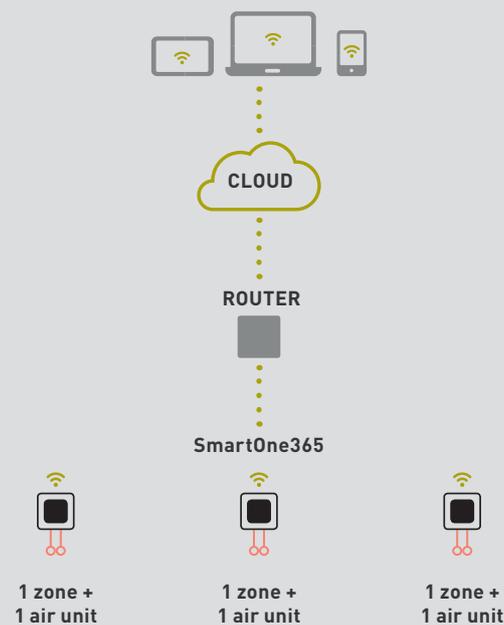


## Smart heating & cooling

When connecting more SmartOne365 together, each room is managed to one system "as a whole" to increase comfort level and minimize energy needs.



4" FULL GLASS  
MULTI-TOUCHSCREEN  
84x84x14 mm





## Display

4" full glass touchscreen, WiFi-enabled smart thermostat with air temperature, humidity and air quality sensor.

## Interfaces

2 relays 230 VAC max. 5A (resistive load), 2 analogue inputs, 0-10V output control, RS-485 bus, 230V AC power supply, WiFi 802.11 b/g/n

## Mounting

Plastic support (back plate) for flush mounted round box.

## Standard functionalities

7-day programming with 3 comfort levels, accurate heating/cooling temperature control, dehumidifier control.

## Advanced functionalities

Optimum Start&Stop, floor/ceiling temperature control (by external probe not included), dewpoint control, temperature set&hold, lock screen & screensavers, automatic backlight dimming, Home/Away/Off/Holiday, frost protection, input for H/C changeover, boiler control, weather compensation. Multiuser geo-fencing algorithms automatically triggers Away mode when none of the family members is at home, thus increasing energy saving significantly. Voice control: enabled for voice control by Amazon Alexa.

## Online services

Compatible with Smart365 cloud services and Apps. Cloud services enable remote monitoring and management of the building conditions, available through iOS/Android Apps and web browser. Additionally, home owners, off-site support service, maintenance staff can access to a tailored and easy to use management dashboard. Conditions are defined by a specific OEM agreement.

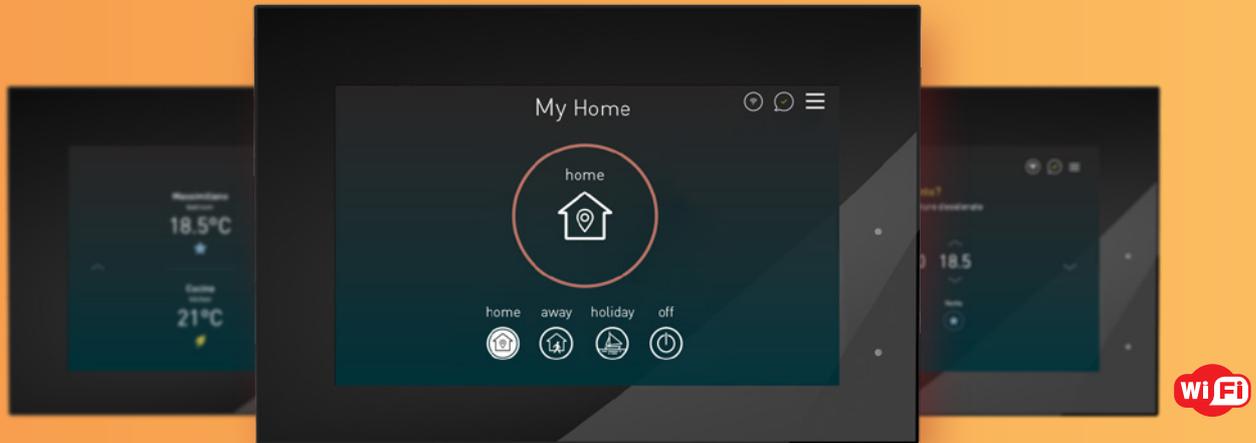


↖ 5" FULL GLASS  
MULTI-TOUCHSCREEN  
145x96x14 mm

## Take control of indoor comfort

Comfort, in its various expressions, is a major theme of modern life. Feeling comfort-able indoors in every corner of the room, whatever the outdoor weather is, makes you feel at home. Radiant heating and cooling through floor, wall or ceiling systems offers numerous advantages, including silent and invisible well-being all year round. The core of each radiant system is the unit regulating its operation, which therefore makes the difference.

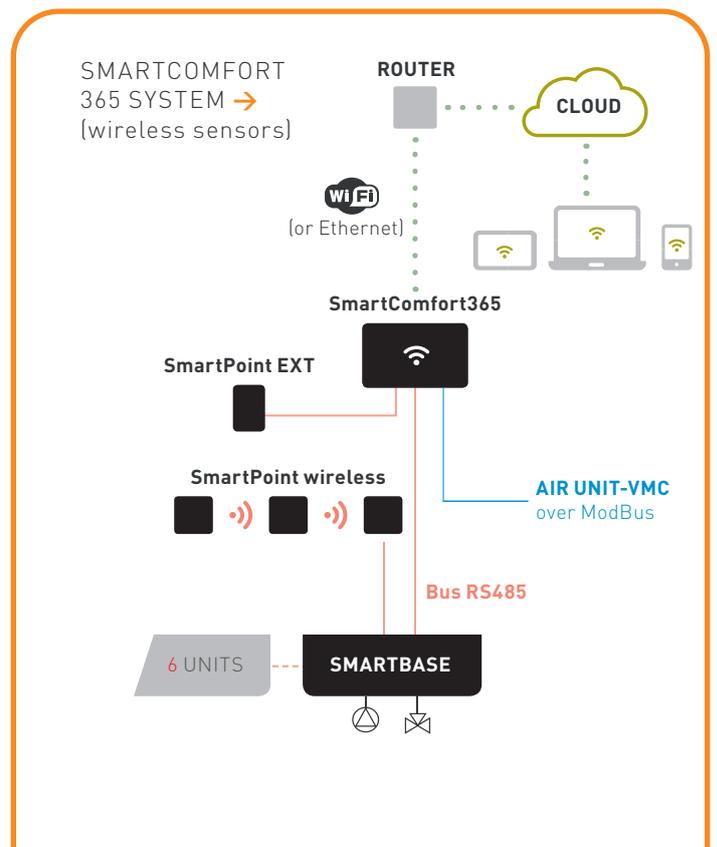
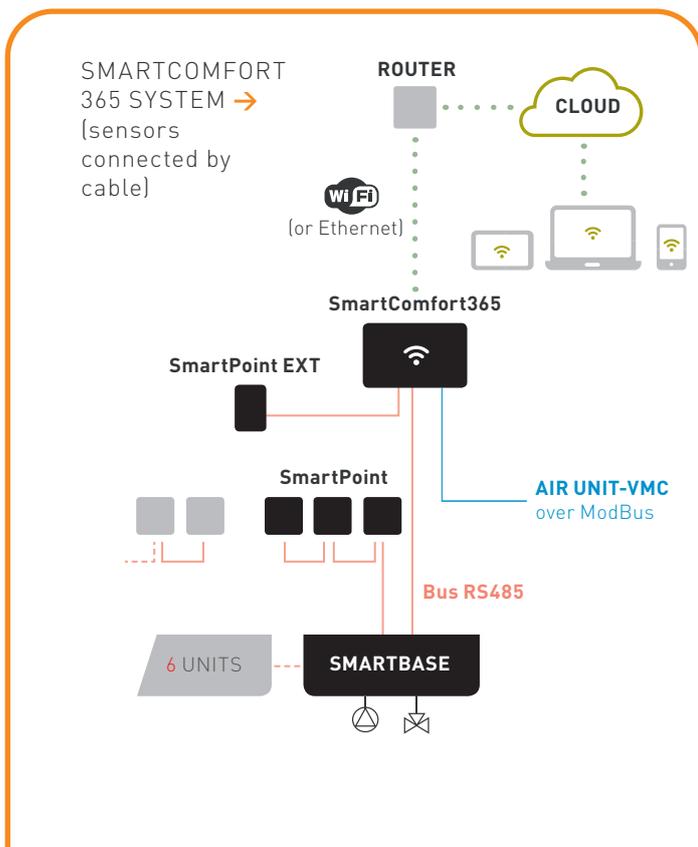
It must be able to efficiently manage energy consumption while constantly guaranteeing the most appropriate comfort conditions for each season. SmartComfort365, an intelligent regulation system optimised for radiant systems, is designed to fulfil these and more requirements. Its main strength: managing through a single user interface all climate control, heating and cooling aspects, ranging from ventilation to humidity regulation for optimising comfort.



SmartComfort365 system is a all-in-one regulation for heating, cooling and air treatment. Sensors, actuators and control logic are connected together and powered by cloud IOT features and services.

## Smart365 system logic diagrams

SmartControl365 supports the connection of up to 6 SmartBase modules, to control 48 rooms, over bathrooms, 8 SmartAir modules or 8 Deuclima-VMC air machines. The smartpoint room sensors can be connected via BUS cable or wirelessly.



## Components for the SmartComfort365 ecosystem



### SmartBase

Actuator module for the hydraulic part of the radiant system capable of managing up to a maximum of 8 rooms, excluding bathrooms. Head, pump and mixer, air units management



### SmartAir

Actuator module able to manage the mechanical ventilation unit in dehumidification, cooling and air exchange separately; alternatively it can manage an air handling unit in dehumidification and cooling. Air unit management.



### Connection set

For SmartBase/SmartAir



### SmartPoint T

Temperature sensor (round box)



### SmartPoint TU

Temperature/humidity sensor (round box)



### SmartPoint Wireless T

Wireless temperature sensor



### SmartPoint Wireless TU

Wireless temperature and humidity sensor



### SmartPoint Wireless Access point TU

Wireless access point temperature and humidity sensor



### SmartPoint TE

External temperature sensor



### Flow temperature sensor



### SmartOne365

Thermostat a sensor



## [www.enetec.info](http://www.enetec.info)

### **Enetec spa**

Pillhof 89  
I-39057 Frangarto (BZ)  
T +39 0471 051 508  
F +39 0471 051 509  
mail@enetec.info

### **Enetec GmbH**

International sales  
Kalkarer Str. 81 – Halle 26  
D-47533 Kleve  
T +49 2821 89 88 00  
sales@enetec.info

### **Plant Bolzano/Bozen**

Molding & Milling  
Pillhof 89  
I-39057 Frangarto (BZ)  
T +39 0471 051 508  
F +39 0471 051 509  
mail@enetec.info

### **Plant Enetec Plastics**

Extrusion  
Kalkarer Str. 81 – Halle 26  
D-47533 Kleve  
T +49 2821 89 88 00  
pipes@enetec.info

### **Plant Verolanuova**

EPS Production  
Via IV Novembre, 34  
I-25028 Verolanuova (BS)  
T +39 030 933163  
F +39 030 9923998  
eps@enetec.info