

THE RIGHT
TEMPERATURE AT
ALL TIMES

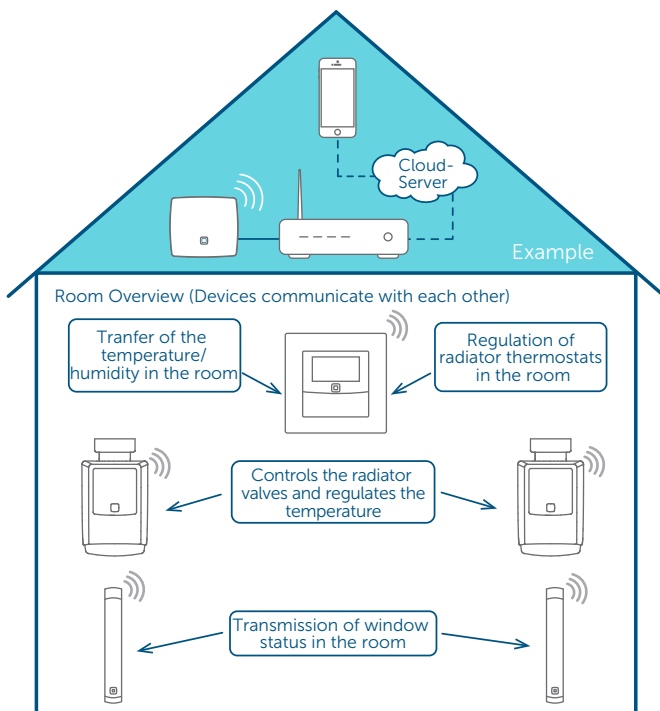
Temperature and humidity sensor with display – indoor

HmIP-STHD

The temperature and humidity sensor manages the intelligent, timer-based control of the room temperature in your smart home. With the Homematic IP App, several radiator thermostats or underfloor heating circuits can be controlled in each room. To give you a permanently up-to-date overview, the temperature and humidity are always shown on the illuminated LC display.



homematic 
Smart living. Simply exciting.



THE PERFECT TEMPERATURE AT ALL TIMES

Room temperatures are easily controlled according to user need – whether you are at home or not – via either an app or voice control (using Amazon Alexa or Google Assistant).

KEEPING AN EYE ON AIR TEMPERATURE

The intelligent thermostat measures the temperature and humidity and constantly forwards this information to the radiator thermostats in the room and to the Homematic IP app. This means that the current temperature and humidity can be viewed not only on the display, but also at any time via the app.

EASY TO RETROFIT

Simple installation without wiring thanks to battery operation and radio communication. So the thermostat can be placed wherever you need in the room to measure the room temperature in the right place.

Conventional, electric heaters can also be easily retrofitted using the thermostat and a switching actuator for smart two-point control.

INTELLIGENT CONTROL

Customised temperature schedules are easy to create using an app – with up to 3 adjustable heating schedules and 13 changes a day. As a result, your temperature control is fully automatic, and rooms are only heated when needed.

To enable operation, the device must be connected with one of the following solutions:

- Homematic IP Access Point with free smartphone app and free cloud service
- Third-party partner solutions

MODULAR DESIGN ENSURES HIGH FLEXIBILITY

Thanks to its flexibly combinable design, the thermostat can be fixed in almost any mounting position:

- ✓ adhesive or screw mounting in the interchangeable frame supplied using the enclosed mounting material
- ✓ Integration into existing switch systems (with 55 mm frames) from the most popular manufacturers
- ✓ Mounting on a free flush-mounted box with the mounting plate optimised for this purpose

TECHNICAL SPECIFICATIONS

Supply voltage	2x 1.5 V LR03/micro/AAA
Battery life	2 years (typical)
Degree of protection	IP20
Ambient temperature	5 to 35 °C
Dimensions (W x H x D)	
Without frame:	55 x 55 x 23.5 mm
Including frame:	86 x 86 x 25 mm
Weight	65 g (including batteries)
Radio frequency band	868.0–868.6 MHz 869.4–869.65 MHz
Typical radio free-field range	180 m
Humidity accuracy (typically)	± 3 % (in a range of 20 and 80 %)
Temperature accuracy (typically)	± 0.3 °C (in a range of 5 to 60 °C)

LOGISTICS DATA

Product reference	150180A0
EAN code	4047976501809
Short description	HmIP-STHD
Packing unit	90
Packing dimensions	122 x 112 x 48 mm
Weight incl. packaging	177.6 g

PACKAGE CONTENTS

Homematic IP temperature and humidity sensor with display – indoor

Clip-on frame and mounting plate

Mounting material (screws, plugs and adhesive strips)

1.5 V LR03/micro/AAA batteries (2x)

Operating manual