

**ELDAT**  
**STH01**  
**Temperature**  
**Humidity Sensor**



# ELDAT STH01 Temperature Humidity Sensor Owner's Manual

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## ELDAT STH01 Temperature Humidity Sensor



The STH01 transmits the current measured values for temperature and humidity every 10 minutes. In addition, the manual transmission of the measured values is possible at any time by pressing the front button. The transmitted values can then be processed by the APC01 Control Center and used in scenes. Based on this, for example, the room climate can be controlled automatically via the Smarthome Server in connection with thermostats, shutters or fans. In addition, the STH01 has a battery control function. If the capacity of the battery is low, this is signaled on the device by an LED and transmitted to the Smarthome Server. The STH01 can not be operated without the Control Center APC01!

## Technical specifications

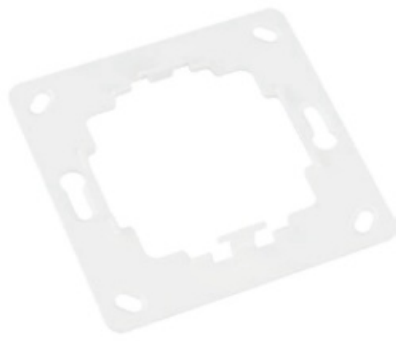
Technical specifications	
Coding	Easy wave neo
Frequency	868.30 MHz
Channels	1
Range	typically 150 m in good free-field conditions
Power supply	1x 3V-battery, CR2032
Measuring range humidity	20% to 80% RH $\pm 5$ % RH
Measuring range temperature	0 °C to +60 °C $\pm 1$ °C
Measurement transmission	every 10 minutes or when the transmitter button is pressed
Function	measuring and transmitting temperature and air humidity values
Operating temperature	-20 °C to +60 °C
Dimensions (W/L/H)	
Rocker	55/55/9.0 mm
Mounting plate	71 / 71 / 1,5 mm
Cover frame	80 / 80 / 9.4 mm
Weight	49 g (including battery and cover frame)
Color	white similar RAL 9003

## Scope of delivery

- Temperature humidity sensor
- Battery
- Mounting plate
- Cover frame
- Adhesive pad
- Operating manual

## Accessories (optional)

- RTS22-ACC-01-01P Mounting plate, white
- RTS22-ACC-05 Cover frame, white



RTS22-ACC-01-01P




RTS22-ACC-05

## Models

### Product number/Description

- STH01EN5001A01-02K
  - Temperature humidity sensor, Easywave, 1x DATA, for server, Format 55, white
- ELDAT EaS GmbH · Schmiedestraße 2 · 15745 Wildau · fon +49 3375 9037-0
- [info@eldat.de](mailto:info@eldat.de)
- [www.eldat.de](http://www.eldat.de)

## Documents / Resources

	<p><a href="#">ELDAT STH01 Temperature Humidity Sensor</a> [pdf] Owner's Manual STH01EN5001A01-02K, STH01 Temperature Humidity Sensor, STH01, Temperature Humidity Sensor, Humidity Sensor, Sensor</p>
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## References

- [User Manual](#)

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