

CHV-RTHS

Remote Temperature and Humidity Sensor



- *Wall-mounted remote temperature and humidity sensor*
- *Designed for use with select Crestron® thermostats*
- *Can be mounted up to 500 ft (152 m) from the thermostat*
- *Optional [MMK-RS](#) pre-construction mounting kit (sold separately) allows for simplified rough-in for wiring and positioning, as well as an option to completely flush mount the sensor*

The [CHV-RTHS](#) is a wall-mounted remote temperature and relative humidity sensor designed for use with select Crestron® thermostats. Using CAT5 or similar low-capacitance wire, the remote sensor can be mounted up to 500 ft (152 m) from the thermostat. One-piece mounting and a single nonpolarized twisted-pair connection make the CHV-RTHS simple to install. The 1-1/2 in. diameter face protrudes just 1/8 in. from the wall surface and is easily painted or wallpapered to blend into the wall surface.

Use with the [MMK-RS](#) (sold separately) to simplify the wiring and sensor positioning during the rough-in stage of construction. The MMK-RS has an option to completely flush mount the sensor and make it virtually hidden on a wall.

Specifications

Measurement Range

Indoor Temperature	0° to 110°F (-18° to 43°C)
Outdoor Temperature	-30° to 120°F (-35° to 49°C)
Humidity	0% to 100% RH

Temperature Tolerance

Over Full Range	±1°F (±0.5°C)
At Room Temperatures	±1°F (+0.1/-0.4°C)

Humidity Tolerance

±5%

Connections

(1) 10 in. (254 mm) 2-wire twisted-pair pigtail, 22 AWG;
Nonpolarized connection to remote sensor input on the thermostat;
Maximum Cable Length: 500 ft (152 m) via CAT5

Construction

Material	Cylindrical plastic; Primed metal cap suitable for paint or wallpaper
Mounting	Drywall mountable in a 1 in. (26 mm) diameter round hole, protrudes ~1/8 in. (3 mm) from wall surface; Flush drywall mount or non-drywall surface mount with MMK-RS mounting kit (sold separately)

Dimensions

Diameter	1.50 in. (39 mm)
Depth	2.22 in. (57 mm)

Model

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Available Accessories

For a list of available accessories, visit the [CHV-RTHS](#) product page.

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This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English.
All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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Rev 02/05/24

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