

# Kernel driver sht4x

Supported Chips:

- Sensirion SHT4X

Prefix: 'sht4x'

Addresses scanned: None

Datasheet:

English:

[https://www.sensirion.com/fileadmin/user\\_upload/customers/sensirion/Dokumente/2\\_Humidity\\_Sensors/Datasheets/Sensirion\\_Humidity\\_Sensors\\_S](https://www.sensirion.com/fileadmin/user_upload/customers/sensirion/Dokumente/2_Humidity_Sensors/Datasheets/Sensirion_Humidity_Sensors_S)

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## Description

This driver implements support for the Sensirion SHT4x chip, a humidity and temperature sensor. Temperature is measured in degree celsius, relative humidity is expressed as a percentage. In sysfs interface, all values are scaled by 1000, i.e. the value for 31.5 degrees celsius is 31500.

## Usage Notes

The device communicates with the I2C protocol. Sensors can have the I2C address 0x44. See Documentation/i2c/instantiating-devices.rst for methods to instantiate the device.

## Sysfs entries

temp1_input	Measured temperature in millidegrees Celcius
humidity1_input	Measured humidity in %H
update_interval	The minimum interval for polling the sensor, in milliseconds. Writable. Must be at least 2000.