

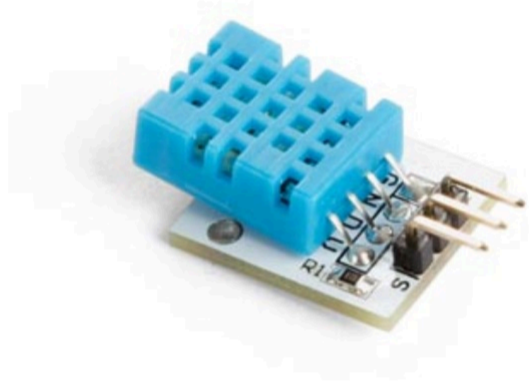
Electronics, Kits & Development Boards > Prototyping & Programming > Sensors

Digital temperature and humidity sensor, 5 VDC, temperature range 0°C to 50°C, humidity level 20-90%, compatible with Arduino, white

WPSE311

WHADDA  
EXCITING ELECTRONICS

BESTSELLER



## Product description

Create the ideal indoor climate with our advanced temperature and humidity sensor! This smart sensor closely monitors the temperature and humidity in your home, allowing you to live in comfort at all times. Whether you want to reduce your energy costs, prevent mold growth, or simply have a healthier home, our sensor is your reliable partner.

This temperature and humidity sensor features a calibrated digital signal output. This technology ensures higher reliability and excellent long-term stability. It is connected to a high-quality 8-bit microcontroller, providing excellent quality, rapid response, interference suppression, and a good price-performance ratio. With its easy installation and seamless integration into home automation systems, our temperature and humidity sensor offers unparalleled convenience. Trust in accurate measurements and create the perfect living environment for you and your family. Bring comfort and health to your home with this innovative sensor!

+ Optimal Comfort Control: This temperature and humidity sensor allows you to precisely control your home's indoor climate. Maintain the temperature and humidity at the perfect levels for maximum comfort and well-being.

+ Energy efficiency: Save on your energy bill by knowing when and how to adjust your heating or air conditioning based on our sensor's measurements. Efficiency is the key to lower costs.

+ Versatile applications: This module is versatile and suitable for various applications, from automation, home automation and robotics to environmental and industrial monitoring.

+ STEM project: Develop and improve your STEM skills and acquire the knowledge, skills and experience needed to face the technological challenges of the future with this educational kit. This educational kit will trigger a number of processes such as problem-solving, investigative and creative thinking.

+ Made in Belgium: Whadda is a unique brand from Belgium's Velleman Group that offers DIY projects for hobbyists or makers who want to immerse themselves in electronics, programming and mechanics.



## Specifications

### Physical properties

Primary colours	White
Depth unit	3.5 cm
Height unit	15.5 cm
Width unit	7.5 cm
Weight unit	22 g

### Performance & Technical Specs

Coding skill level	none
Electronics skill level	none
Mechanics skill level	none
Soldering skill level	none
Specifications kits & modules	<ul style="list-style-type: none"> <li>voltage: 5 VDC</li> <li>temperature range: 0 - 50 C , error of +/- 2 C</li> <li>humidity: 20 - 90% RH +/- 5% RH error</li> <li>interface: digital</li> </ul>

### Installation & Mounting

Instruction manual languages	English
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### Velleman vs. Whadda SKU

[overview file](#)

### Bar code

- Bar code (EAN-13):5410329725624