

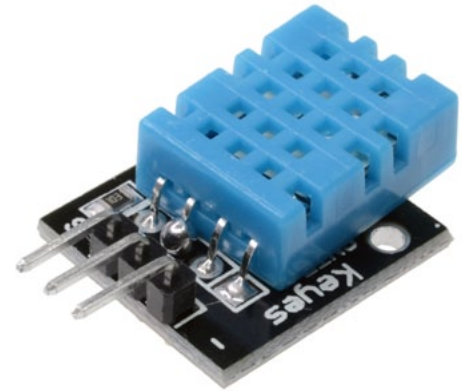
ARD 2 **Arduino Compatibles**

Controllers, Shields, Modules & Sensors

DHT11 Digital Temperature & Humidity Sensor Module

ARD2-2215

- Measures both temperature & humidity
- Fast response time
- Anti-interference capability
- Single wire serial interface for easy system integration
- Ultra-small size & low power consumption
- Signal transmission distance up to 20m



Description

This DHT11 based sensor measures both Temperature and Humidity in one package. Perfect for DIY projects requiring temperature or humidity data. It is fully digitally operated so no analog-to-digital calibration is required. Features resistive-type humidity measurement.

Specifications

Supply Voltage	3.3–5.5VDC
Output	Single-bus digital signal
Temperature Measuring Range	0–50°C
Humidity Measuring Range	20–90% RH
Temperature Accuracy	±2°C
Humidity Accuracy	±5% RH
Temperature Resolution	1°C
Humidity Resolution	1% RH
Long-term Stability	<±1% RH/Year
Storage Temperature	10–40°C
Storage Humidity	<60% RH
Colour	Black
Material	PCB
Dimensions	52mm x 20mm x 13mm (WxLxH)

Pinout

Module	Arduino	Function
S	D8	Signal via Arduino Board
Middle	5V	Power Supply
–	Ground	Ground Connection

