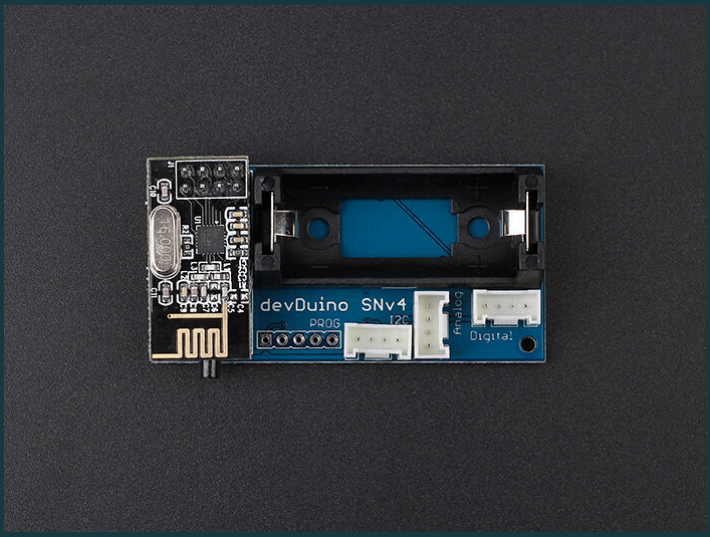
seeed studio

INDUSTRIAL PRODUCT DATASHEET

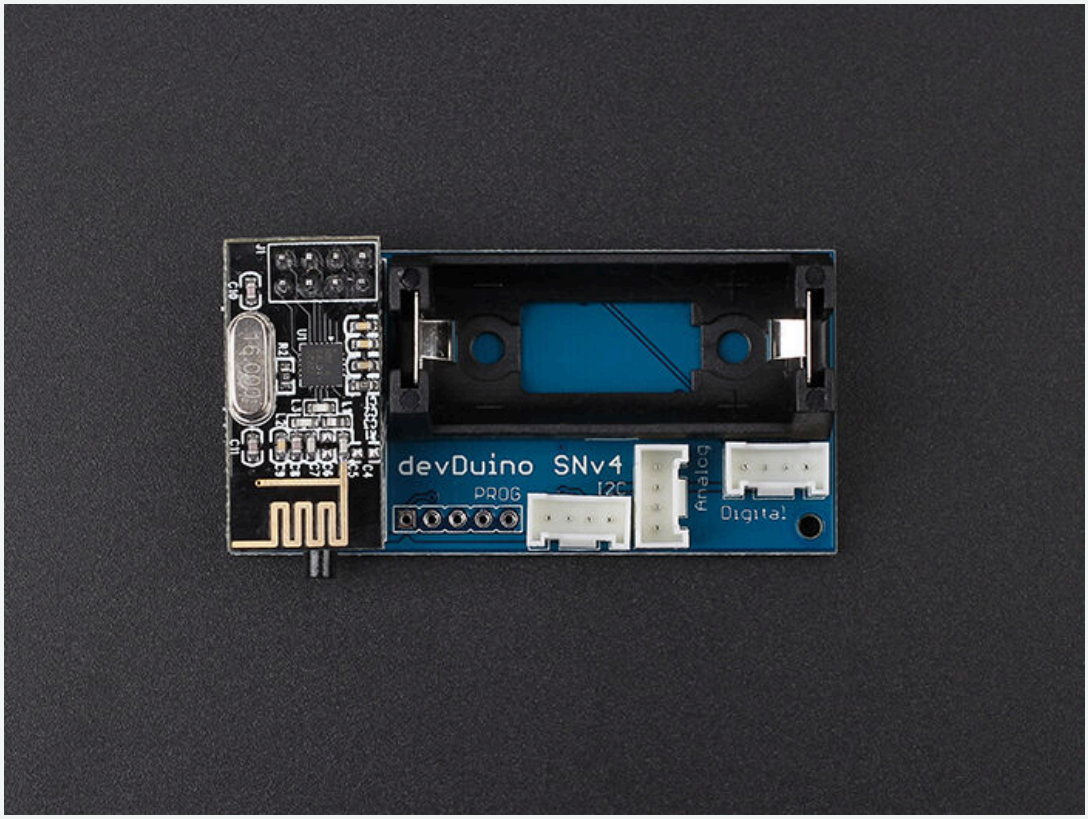
devDuino Sensor Node V4 (ATmega 328) - Integrated temperature & humidity sensor

Arduino-compatible sensor node with integrated HTU21D temperature/humidity sensor and nRF24L01+ wireless connectivity.

SKU	UPDATED	PRICE
103990074	2025-11-03 08:26:51	$21.99(Excl. VAT)



Overview



The devDuino Sensor Node V4 is a compact Arduino-compatible microcontroller designed for wireless sensor networks using the nRF24L01+ transceiver. It features an integrated HTU21D temperature and humidity sensor and three GROVE-compatible connectors for easy expansion.

Key Features

devDuino Sensor Node v4 is a compact Arduino-compatible microcontroller and is designed to build wireless networks based on transceiver **nRF24L01**+. You can easily connect other sensors or actuators to this platform, to build your remote monitoring or controlling system. Unlike the **version 1,2,3** is on board built-in sensor temperature and humidity.

Features：

- Built on Arduino-compatible architecture
- Clock frequency - 16MHz (may be reduced to reduce energy consumption by up to 8MHz)
- Integrated temperature & humidity sensor HTU21D (-40 ° C +125 ° C, accuracy of ± 2 ° C, relative Humidity: 0-100%, accuracy ± 2%)
- ISP programming interface (recommended)
- Serial programming interface
- Built-in clock button
- Built-in LED green (user configurable)
- 3 **GROVE-compatible** connector: I2C, Analog, Digital
- Power from one element CR123A (not included)
- Dimensions 30 x 65 mm

Specification：

Package Include：

- DevDuino Sensor Node V4 – 1 pcs.
- nRF24L01+ Module – 1 pcs.

Documentation：

Please visit the **wiki page** for more information about this product. We will be very grateful to you for helping us improve our documentation. Add more description or demo code. For technical support, please publish your question on our **blog**.

Support：

If you have any further question for technical support, please contact **support@devicter.ru**.

Compliance & Logistics

HSCODE	9025900090
UPC	841454110491
COO	CHINA

Resource Links

- https://www.seeedstudio.com/devDuino-Sensor-Node-V4-ATmega-328-Integrated-temperature-humidity-sensor-p-2279.html
- Wiki

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com