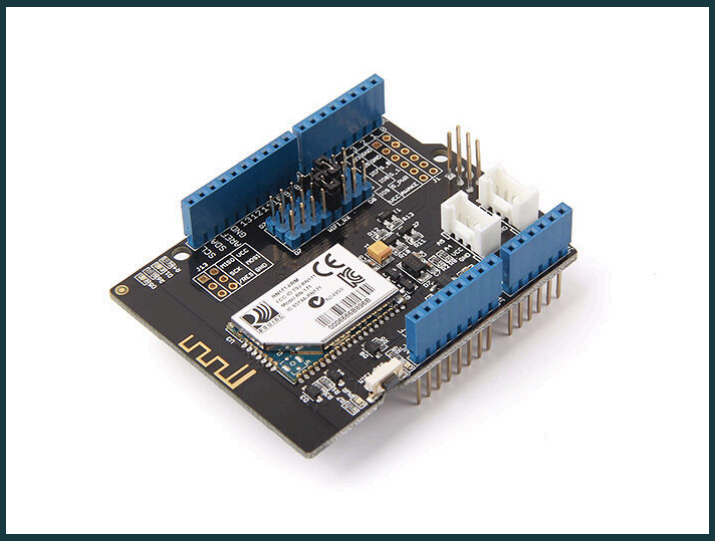
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INDUSTRIAL PRODUCT DATASHEET

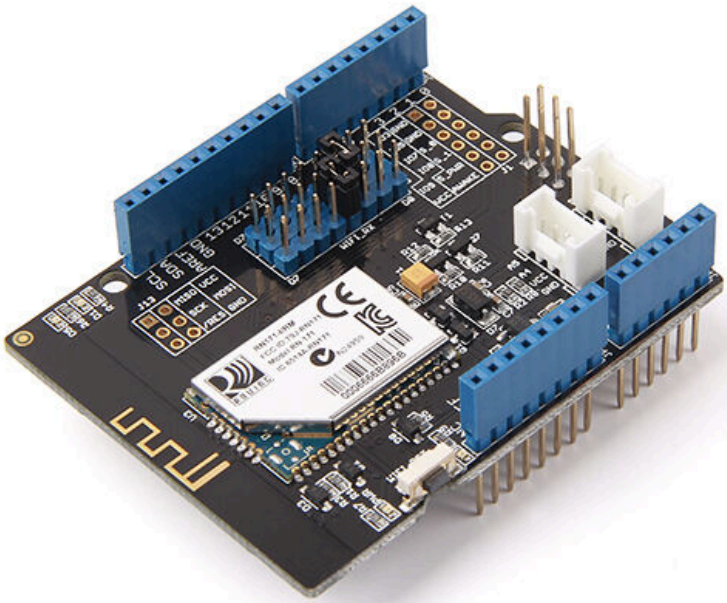
Wifi Shield V2.0

The Wifi Shield V2.0 allows your Arduino/Seeeduino to connect to 802.11b/g wireless networks using the RN171 module, supporting TCP, UDP, FTP, and HTTP communication protocols.

SKU	UPDATED	PRICE
113030008	2025-11-18 13:44:51	$39.95(Excl. VAT)



Overview



The Wifi Shield V2.0, equipped with an RN171 TCP/IP module, connects Arduino/Seeeduino to 802.11b/g wireless networks and supports TCP, UDP, FTP, and HTTP communication protocols for IoT projects. It features UART/Serial communication with jumper-selectable digital pins (D0-D7) for RX/TX, two Grove connectors (I2C and Serial), and offers low power consumption with step-by-step tutorials and CMD support.

Key Features

Featured with RN171 TCP/IP module, the WiFi shield allows your Arduino/Seeeduino to connect wireless networks up to 802.11b/g. The RN171 module supports TCP, UDP, FTP and HTTP communication protocols, which meet the needs of most wireless and Internet of Things (IoT) network projects, such as smart home networks, robots controls and personal weather stations.

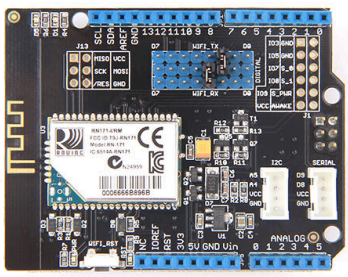
The shield covers a wide range and transmit strong signals with the newly, stable on-board antenna. The default communication protocol with the Arduino is UART/Serial, and you can select which digital pins (D0 to D7) to use for RX and TX with the two jumper rows we've incorporated. The shield also has two Grove connectors of I2C and Serial to make it can be plugged with any other Groves.

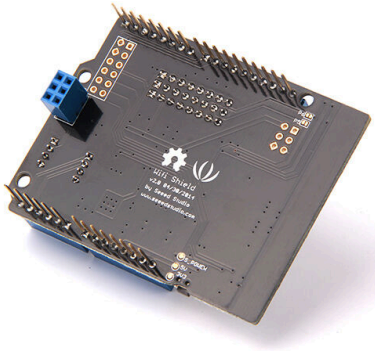
The shield is well documented with demos and you can check the **User Manual** here online.

Features

- **Various demos** with step-by-step tutorials
- Low power consumption
- Compatible with Arduino, easy to get started with
- CMD Support

Product Gallery





Part List

Wifi Shield V2.0	1

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517790000
UPC	841454101673
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Wifi-Shield-V2-0.html
- WiFi Shield V2.0 Eagle Files
- Schematic PDF
- RN-171 Datasheet
- Wifi Shield Library
- WiFi Module User Manual
- What is a Seeeduino
- w3schools

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