

W5500 Ethernet Shield

SKU 103030021



IN STOCK 9 Available

- 1 +

ADD TO CART

- Description
- Best-sellers
- Technical Details
- Questions and Answers
- View History

Description

The W5500 Ethernet Shield v1.0 can be used to provide your projects with internet connectivity. W5500 enables users to have the Internet connectivity in their applications just by using the single chip in which TCP/IP stack, 10/100 Ethernet MAC and PHY embedded. The shield also have two Grove connectors and a microSD card socket to support projects which require storing large amounts of data from Grove sensor. The RJ45 port (Where the Ethernet cable is connected to) is low enough to allow you to stack more shields on top of this one if needed.

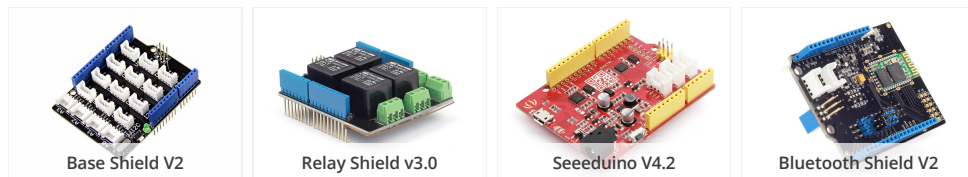
Features

- Supports Hardwired TCP/IP Protocols : TCP, UDP, ICMP, IPv4, ARP, IGMP, PPPoE
- Supports 8 independent sockets simultaneously
- Supports Power down mode
- Supports Wake on LAN over UDP
- Supports High Speed Serial Peripheral Interface(SPI MODE 0, 3)
- Internal 32Kbytes Memory for TX/RX Buffers
- 10BaseT/100BaseTX Ethernet PHY embedded
- Supports Auto Negotiation (Full and half duplex, 10 and 100* based)
- Not supports IP Fragmentation
- 3.3V operation with 5V I/O signal tolerance
- LED outputs (Full/Half duplex, Link, Speed, Active)
- Micro-SD card socket
- Grove connector for I2C and UART

Documents

Please visit our [wiki](#) page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our forum.

Best-sellers



Technical Details

Dimensions	100mm x 65mm x 30mm
Weight	G.W 43g

Documents

- [Wiki](#)

Questions and Answers

Have a question about this? Ask people who own it.

0

W5500 Ethernet Shield compatible with seeeduino stalker ?

wangitehes on Jun 22,2017

Reply |
upvote (0)

Yes this shield is compatible with stalker. Thanks.

ae on Jun 22,2017 15:13 PM

Reply |
upvote (0)

0

How do I find the MAC address of my Ethernet shield ?

beck on May 01,2017

Reply |
upvote (0)

You can it it at the side of the board. If not please contact ae@seeed.cc.Thanks.

ae on May 03,2017 09:57 AM

Reply |
upvote (0)

0

Hello, this shield support Wake On Lan but how to use it ? Did I need a special interrupt pin to be connected to the arduino ? I cannot find which one in the datasheet. Thanks Patrick

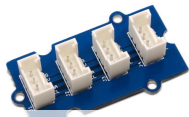
aed.morban.com on Jun 28,2017

Reply |
upvote (0)

View History



Grove - Relay



Grove - I2C Hub



Grove - Screw Terminal



Screw Shield

POPULAR SEARCHES

- PCB Manufacturing
- PCB Stencil
- Arduino
- XBee
- Arduino Shield
- Beaglebone Black
- Raspberry Pi
- Raspberry Pi Touchscreen
- Linkit
- Cubieboard
- Beaglebone Cape
- FPGA
- Linkit ONE
- Crazyflie 2.0
- Raspberry Pi 3 Model B
- RF Explorer
- DSO Nano v3
- MediaTek X20
- HiKey Board
- rplidar
- raspberry pi relay
- RPLIDAR A2

SHIPPING INFORMATION

KNOWLEDGE BASE

HELP CENTER

Seed Info

Reach Us

Customer Service

Contact Us

Terms and Conditions

Order Information

Shipping Information

Stay Tuned

Subscribe to get the latest product releases, activities and tutorials from Seeed Studio.

[Designers](#)

[Technical Support](#)

[Payment Information](#)

email address



[Careers](#)

[Warranty and Return](#)

[Site Map](#)

[Terms of use](#)

[Privacy Policy](#)



Copyright © 2008-2017 Seeed Development Limited All rights reserved



Select Language ▼

Contact Support