

## → PRODUCT INFO

### Arduino Wifi Shield (antenna connector)

Code: A000089

The Arduino WiFi Shield connects your Arduino to the internet wirelessly. Connect it to your wireless network by following a few simple instructions to start controlling your world through the internet. As always with Arduino, every element of the platform – hardware, software and documentation – is freely available and open-source. This means you can learn exactly how it's made and use its design as the starting point for your own circuits.

Check out the reference page of the [WiFi library](#) to understand how the shield can easily provide an internet connection to your Arduino board.

#### Technical Specifications

- Requires an Arduino board (not included)
- Operating voltage 5V (supplied from the Arduino Board)
- Connection via: 802.11b/g networks
- Encryption types: WEP and WPA2 Personal
- Connection with Arduino on SPI port
- on-board micro SD slot
- ICSP headers
- FTDI connection for serial debugging of WiFi shield
- Micro-USB for updating WiFi shield firmware

The WiFi Shield communicates with Arduino using the SPI bus (through the ICSP header), so is compatible with any of the boards that have this type of bus.

This version of WiFi shield has an r-sma connector for an external antenna, you can choose the type of antenna that you like most.

If you want to give a closer look to this board we advise you to visit the official [Arduino WiFi Shield](#) page in the Hardware Section.

