Grove - RJ45 Adapter

The Grove-RJ45 Adapter is a module which can convert a standard Grove connector to a RJ45 connector. Universal 4-Pin Grove cables can not meet the requirements when Arduino remote connect and control Grove module. Through two RJ45 adapter and a cable, It is able to achieve communication between Arduino and Grove

module. This help solve the problem that Arduino and Grove are not convenient to connect because of the distance issue.
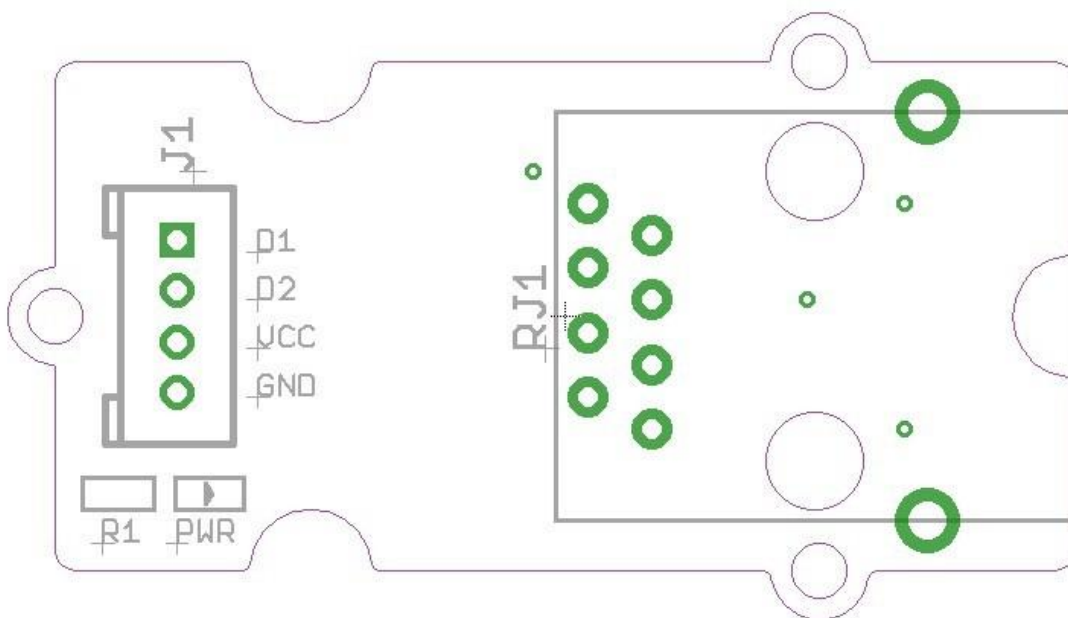
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[https://www.seeedstudio.com/Grove-RJ45-Adapter-p-1426.html]

Feature

- Standard Grove Connector and RJ45 Connector
- Applications Widely
- Easy to use

Interface Function

Grove Connecter	R45 Connector
VCC	A7
GND	A8
D1	A5
D2	A4

Usage

If you want to use the Moisture Sensor to real-time detect the moisture of soil in your garden, but you do not want to go to the garden personally. How to do it? Using two RJ45 adapter and a long network cable, you can solve this problem. The Hardware Installation should be:

You may need to write the code by yourself for the special applications. But we can guarantee that you can always know the

soil moisture of plants by observing the output data of the moisture sensor.

You may want to ask why not use a long Grove cable instead of two Grove - RJ45 and a network cable, the reason is the network cable has a weak attenuation.

Schematic Online Viewer

Resource

- Grove - RJ45 Adapter Eagle File
  [https://files.seeedstudio.com/wiki/Grove-
  RJ45_Adapter/res/Grove-RJ45_Adapter_Eagle_File.zip]

Tech Support

Please submit any technical issue into our forum
[https://forum.seeedstudio.com/].

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