

## 201206 SR-201 Relay board controlled by LAN

During a long-term business trip in Sendai, the server in Chiba freezes several times, and when it shuts down accidentally, I made a timer to monitor the power of the internal HDD and turn it on again, but when it freezes due to Windows update failure, it reappears. There is no way to start it. So, when I searched the net to create a mechanism to turn the server on and off from a distance via a telephone line or the Internet, a board that controls two relays with Ethernet was sold at Amazon for 2599 yen, so I ordered it. saw.

[Hunersty LAN Ethernet 2-way relay board Delay switch TCP / UDP controller module WEB server](#)

By the way, this is the same thing.

[Controller Module LAN Ethernet High Quality 2way Relay Board Delay Switch DC5V-24V](#)



This is what I received from Shenzhen after a while. I'm surprised because it doesn't come with an instruction manual or a CD.

I searched around to find out how to use this board, so I'll leave it as a memo.

First, for the power supply, use a 5V stabilized AC adapter with a + plug core and a-outside.

Connect the relay board and the personal computer with Ethernet. The default of the relay board is 192.168.1.100, so make it possible to communicate with this.

From the conclusion,

<https://www.amazon.com/ask/questions/asin/B01MRQTFMJ>

As stated in the Q & A on this page,

<http://www.tutuuu.com/download/sr-201-eng.rar>

Download this and unzip rar. I need an app to unzip rar. You will be asked for a password when unzipping, but as stated in the Q & A on the above page, "www.tutuuu.com" is the password.

With the above, you can get the IP address setting application, relay control application, sample program, etc.



It can be used. wonderful.

In addition, I will write the basic method of controlling with Telnet.

<http://www.uddating.se/2017/05/13/sr-201-network-relay/>

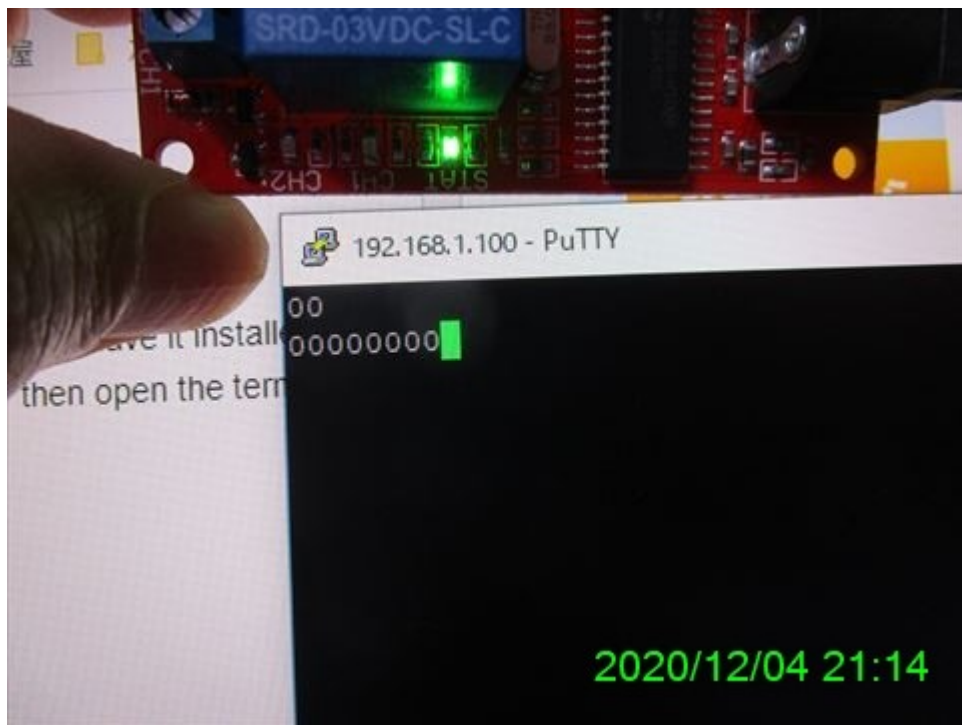
The following information was written on this page.



Set up PuTTY.



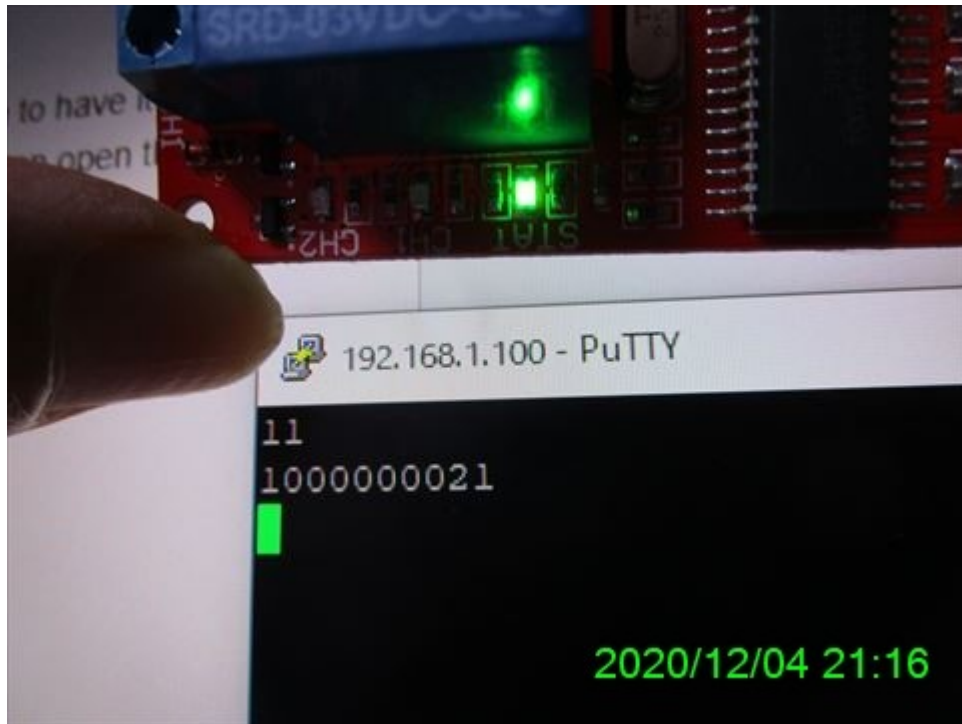
Start PuTTY, set the default IP address 192.168.1.100 of the relay board, the default port 6722, select Telnet, and open the communication.



Sending 00 <newline> returns the current state of each bit.



11 Sending <line feed> turns relay 1 on. The first number is ON / OFF and the second number is the relay number.



21 Sending <line feed> turns relay 1 off.

In addition,

11 \* <line feed> Relay 1 turns on for a short time.

11:10 <Line feed> turns on relay 1 for 10 seconds.

11: 1 <line feed> turns on relay 1 for 1 second. The time can be specified from 1 to 65535 seconds.

There is also an instruction 11K <line feed>, which says that it follows the local switch, but there is no local switch on my board.

There are instructions such as. I found this part at

<https://www.ruten.com.tw/item/show?21819007695749#info>

on this Taiwanese mail order page.

It's the manufacturer of this board, but

<http://tech.tutuuu.com/sr-201>

Apparently it's here. I learned from this page that the product name of the board is SR-201, but there is no information on the essential control and software on the manufacturer's page.

If you think

<http://tech.tutuuu.com/sr-201-1ch>

At the bottom of this relay product page, you can find the Chinese version of the setting app, control app, and sample program. However, if you run it on Japanese Windows, the characters will be garbled, so after all the above English version is necessary.