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## RDworks Ethernet and wifi PC Connection / Daniel

CONNECTION THROUGH A WIRELESS ROUTER AND ETHERNET CABLE

For this connection, you need a wireless router that allows you to route the computer and the Ethernetconneclion of the RuitLa board



#### STFP 1

Connect the computer to the router through the wi-Fi connection by entering the router password and username

### STFP 2

Connect one end of the UTP network cable to the Ethermet cornection of the Ruida card and the otherend to any LAN port of the router (not the intermet input port) as shown in the following figure



**RUIDA Main Board** 

#### Once you have the connection of our CO2 Cutting and Engraving Equipment

that has a Ruidacontroller board through the Ethernet connection with an

Ethernet Network cable with an RJ45connector proceed to configure the IP







Add: Room 17-20, F-3M, Building 1, Community 3, Hanwei International Plaza, No.186, Western Road of South 4th Ring Road, Fengtai District, Beijing, China. 100070 Cell Phone: +86 138 012 487 14 Business Cooperation - info@Sign-in-China.com







## STEP 3

#### Enter the configuration of the controller board on the operation panel and set the IP Address:192

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# STEP 4

we proceed to ping the address of the machine to see if there is a reply, open the DOS console by presAnd put ping 192.168.1.100 and hit enter

Enter the configuration of the controller board on the operation panel and set the IP Address:192

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To change the IP, do the following procedure:

1. Go to control panel / Network and Internet / Network and Sharing Center/ configure the connection



Manage wireless networks

Change adapter settings

1

Change advanced sharing settings

View your basic network inform connections



Change your networking settings

Set up a new connection or net Set up a wireless, broadband, d set up a router or access point.





Connect to a network

Connect or reconnect to a wire connection.

3

Channes because and a basis

2. Set the same router address as an example you can set without generating IP conflict in (TCP / IP IP address: 192.168.1.5

Subnet mask: 255.255.255.0

#### Default gateway: 192.168.1.100

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nnect using:	
Intel(R) 82579LM Gigabit Network Co	nnection
- Inter(N) 62575EW Gigabit Network Co	rinection
	Configure
	Configure





IF address:	192.168.1.5
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192.168.1.100
Obtain DNS server address aut	tomatically
Our Use the following DNS server a	ddresses:
Preferred DNS server:	
Alternate DNS server:	· · ·
Validate settings upon exit	Advanced
	OK Cancel

### STEP 6

Once the Static IP address is configured, we proceed to ping the address of the machine to see if thervnd put ping 192.168,1.100 and hit enter

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Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open:	cmd.exe ~			
		OK	Cancel	Browse
		VA	Carreer	Elenare

Pinging 192.168.1.100 w:
Reply from 192.168.1.100 Reply from 192.168.1.100 Reply from 192.168.1.100 Reply from 192.168.1.100
Ping statistics for 192 Packets: Sent = 4, 1 Approximate round trip 1 Minimum = Øms, Maxim



Once the pinging has a reply, the configuration is started in the RDWorks program, in the process conthe Ruida board should appear in the box and finish by clicking OK

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RDWorksV8.01.49-20200819-[Unnamed-]	- 0	$\times$
File(F) Edit(E) Draw(D) Config(S) Handle(W) Tool(T) Model(M) View(V) Help(H)		
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✓ Auto Cut In/Out Check Draw		
0.0 1400.0 1200.0 1000.0 800.0 600.0 400.0 200.0 0.0 -200.0		
Nork Output Doc U	ser Test	
S :	Output	Hide



Device
Port setting
Device---(IP: 192. 168. 1. 100)



# Once the configuration of the board is finished. vou will have communication between the software al

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