No Connection between myCNC controller and a Windows 7/10 computer

Video Tutorials

Part 1: Changing the computer IP address:



Part 2: Changing the controller IP address on Windows PC:

Video	

Steps to set up connection

- Click on the Start Menu
- Go to your Control Panel



• Head to the Network and Sharing Center



Click on Local Area Connection

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• Click Properties

	Local Area Connection 2 Status	
	General	
	Connection	
	IPv4 Connectivity: No Internet access	
	IPv6 Connectivity: No Internet access	
	Media State: Enabled	
	Duration: 00:58:12	
	Speed: 100.0 Mbps	
•	D <u>e</u> tails	
1	Activity	
1	Sent — Received	
	Bytes: 794,144 7,848,889	
	Properties Diagnose Diagnose	
	Close)

• Select Internet Protocol Version 4 (TCP/IPv4) and click Properties

Local Area Connection 2 Properties				
Networking Sharing				
Connect using:				
Realtek PCIe GBE Family Controller #2				
<u>C</u> onfigure				
This connection uses the following items:				
Client for Microsoft Networks				
States of the second				
✓ Internet Protocol Version 6 (TCP/IPv6)				
Internet Protocol Version 4 (TCP/IPv4)				
🗹 🛶 Link-Layer Topology Discovery Mapper I/O Driver				
🗹 📥 Link-Layer Topology Discovery Responder				
Install Uninstall Properties				
Description				
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.				
OK Cancel				

- Select the second option ("Use the following IP address")
- In the IP Address field, type in 192.168.4.50
- In the subnet mask field type in 255.255.255.0

Internet Protocol Version 4 (TCP/IPv4) Properties				
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.				
Obtain an IP address automatically				
• Use the following IP address:				
IP address:	192.168.4.50			
Subnet mask:	255 . 255 . 255 . 0			
Default gateway:				
Obtain DNS server address automatically				
O Use the following DNS server addresses:				
Preferred DNS server:				
Alternate DNS server:	· · ·			
🔲 Vaļidate settings upon exit	Ad <u>v</u> anced			
	OK Cancel			
1				

- Click **OK**
- Click **OK** in the other window

To confirm that a connection between the control board and the PC has been established, try to ping the board. Open the Command Prompt on your PC, type in the command

ping 192.168.4.78



and check the result. The system should now successfully send and receive data packets.

The setup should now be complete.

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Permanent link: https://docs.pv-automation.com/troubleshooting/no_connection/windows7

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