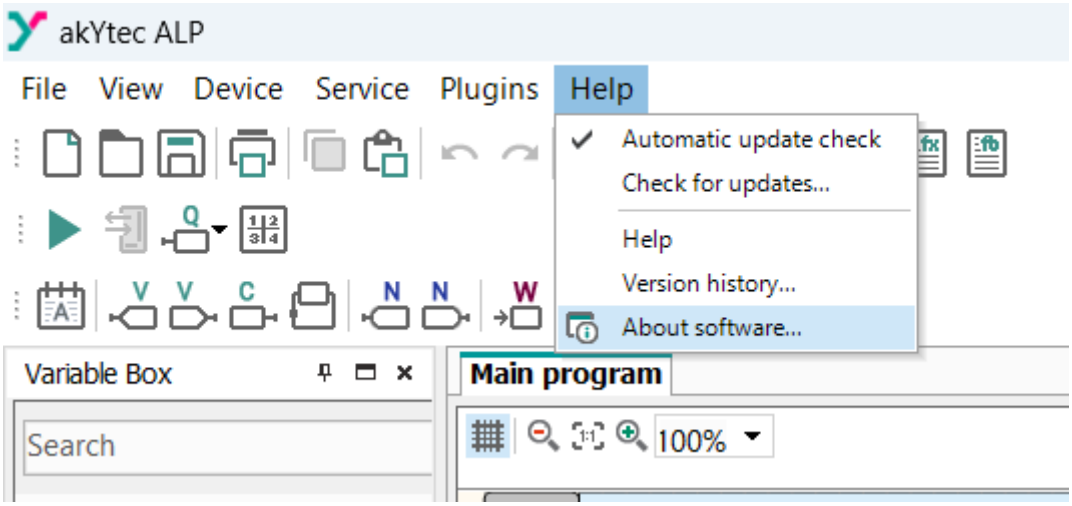
Connection of PR103 to ALP via Ethernet

1. Pre Requirements

Before everything, for physical connection you will need 2 cables : **Ethernet** and **micro USB**.

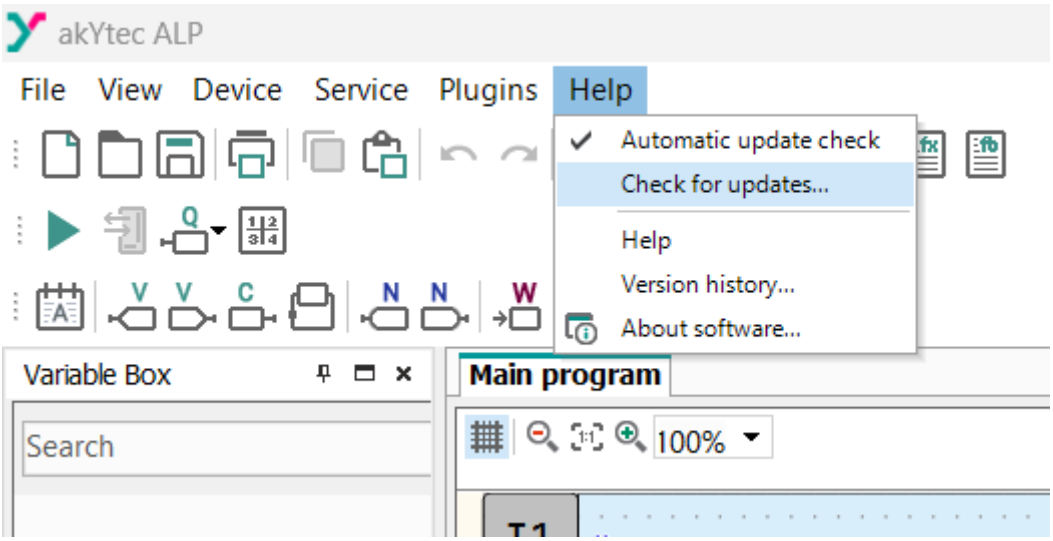
For this operation you will need (at the moment of writing this document) newest ALP version, version: **2.6.348.0.**

If you don't know which **version of ALP** you have, then go to **HELP-About software**, as shown on picture 1.1, to find it out.



Picture 1.1

If you have figured out that you don't have **required version of ALP**, you need to **update it**, to do that go to **HELP-Check for updates**, as shown on picture 1.2, to try and update it.



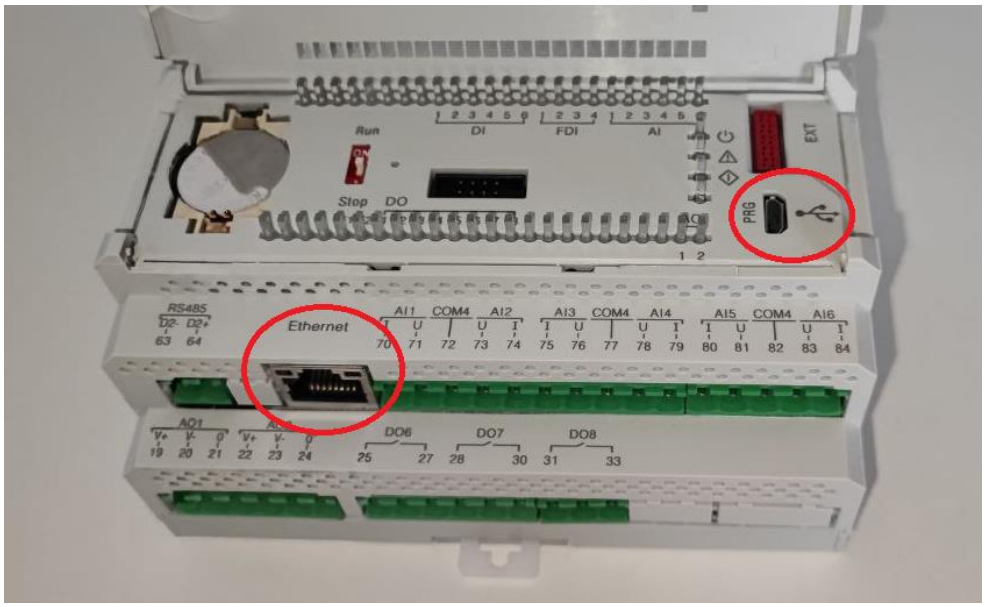
Picture 1.2

If you could not update ALP, visit our **web site** and install newest ALP version.

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2. Connection of PR103 to PC

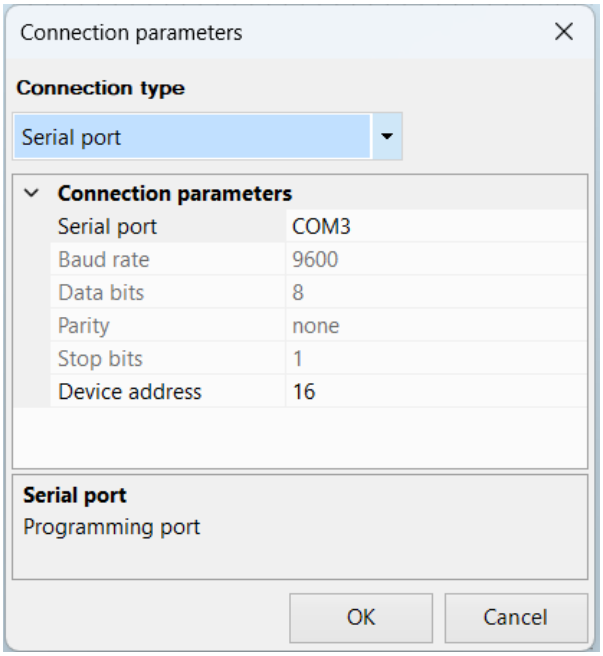
First and fore most is **connection of PR to your PC**, it is established over both Ethernet and micro USB, so you should use ports as shown on picture 2.1.



Picture 2.1 Ethernet and micro USB ports on PR103

For those who are using desktop, at the moment you only need micro USB, it is not mandatory to have both connection established, it is just a convenience.

Now we need to **go to ALP** on PC, **create project for PR103** and establish connection with PR103 over **micro USB cable**. If you don't know where to do it, go to **Connection parameters** and set it up.

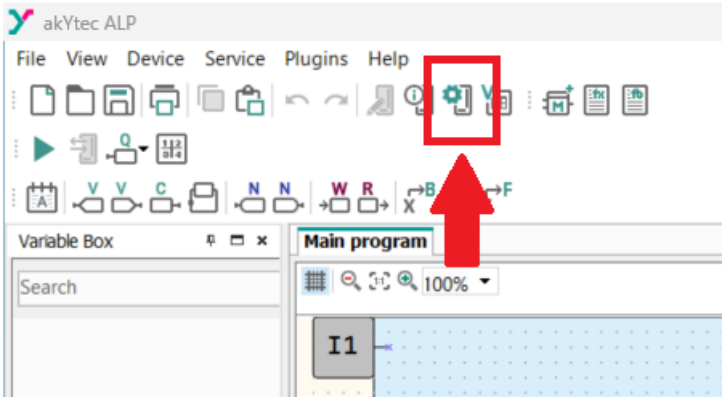


Picture 2.3 Connection parameters window

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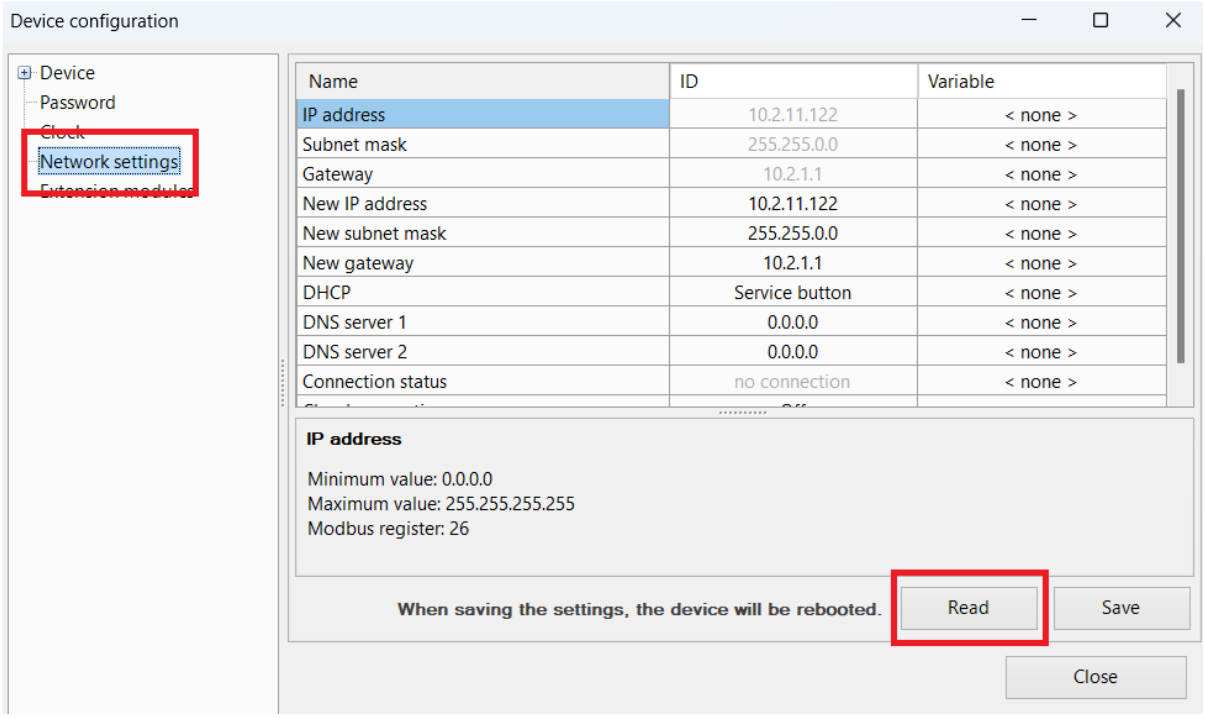
3. Checking current IP address of PR103

Now we need to go to **Device configuration**, it is done by clicking on **icon** shown on picture 3.1.



Picture 3.1 Device configuration icon

Now, in the **Device configuration** window, go to **Network settings**, and then click on **Read** button, as shown on Picture 3.2.



Picture 3.2 Network settings of PR103

If everything was successful your **IP address, Subnet mask and Gateway** should have changed their **ID** compared to state before clicking **Read** button, as shown on picture 3.3. Note : in scenario that you have done this, on device in front of you, in the past, but now you don't remember how to do it and now you are reading this, it is possible that not all 3 of these parameters will change their **ID** so don't get confused. (you can see that my **Subnet mask** didn't change)

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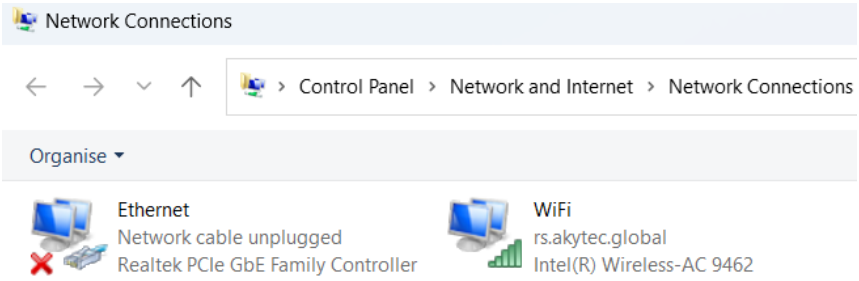
Name	ID
IP address	192.168.1.99
Subnet mask	255.255.0.0
Gateway	192.168.1.80
New IP address	10.2.11.122
New subnet mask	255.255.0.0
New gateway	10.2.1.1

Picture 3.3 Network settings parameters after clicking Read button

Now what is left to be done is configuring **IP address of PC**.

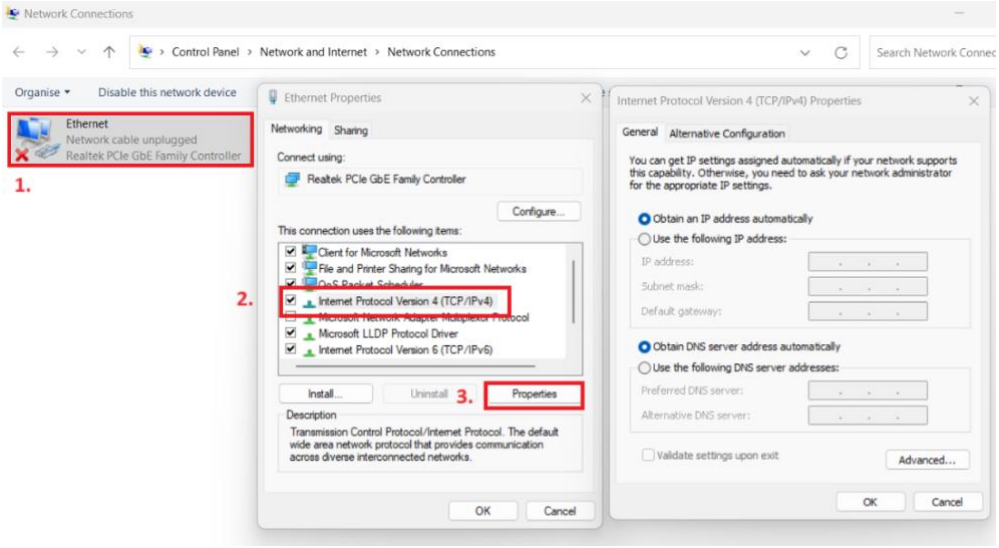
4. Network connections of PC

Now we need to go to **Network Connections** window on PC, it should look like (depending on version of windows that you are using) as it is shown on picture 4.1.



Picture 4.1 Network Connections window on PC

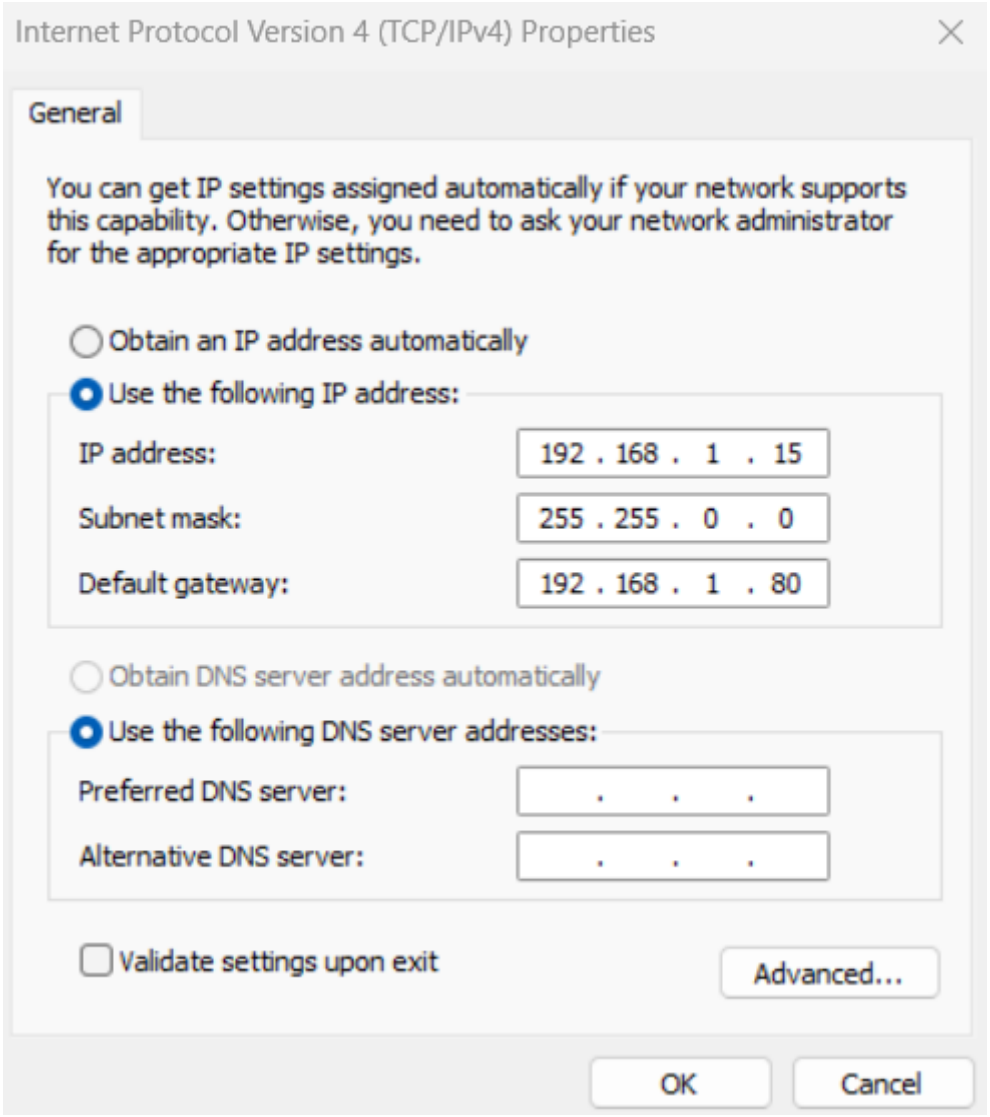
First click on **Ethernet** icon (1.), then find and click once on **Ipv4** (2.), then click on **Properties** (3.). End result should look like as it is shown on picture 4.2.



Picture 4.2

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Now, in Properties window click on **Use the following IP address** and then insert network parameters as on PR103 (picture 3.3), but IP address has to be different only in last number compered to one on PR103. (if you don't change last number of IP address network communication will not be possible). Example is shown on picture 4.3.



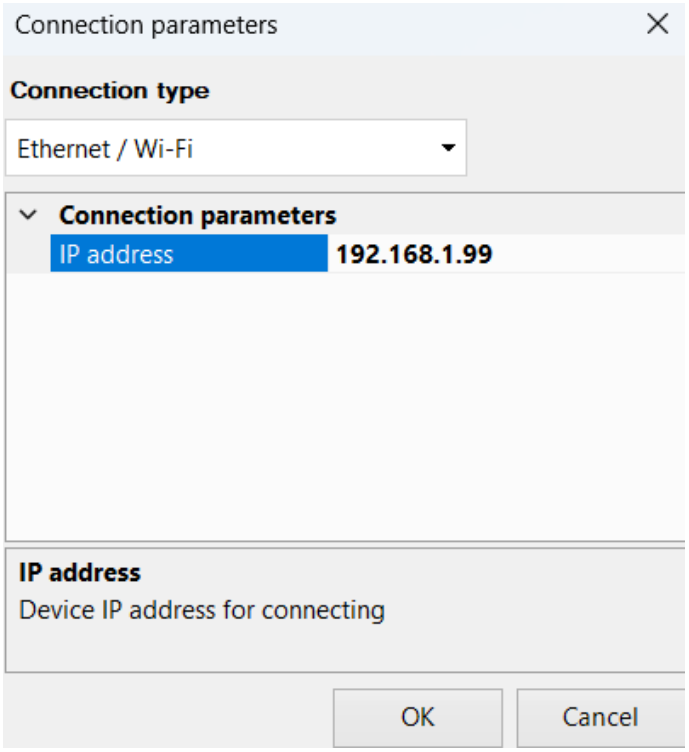
Picture 4.3

Not this part of procedure is finished, you go to ALP. For those who are using desktop, connect ethernet cable to PR103.

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5. Back to ALP

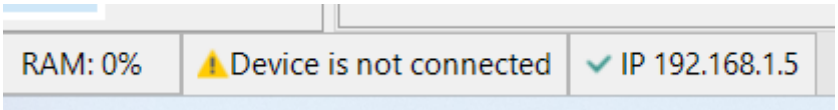
Go to **Connection parameters**, chose **Ethernet** and insert **IP address of PR103** (picture 3.3) as shown on picture 5.



Picture 5

Click **OK** button and that is the **END**.

In case that everything is done correctly, at the bottom right corner of ALP **full model name** of your PR will be displayed. In other case (something went wrong) it will say **Device is not connected**, as shown on picture 6, so don't get confused with green check mark, it just indicates that ALP is targeting that IP address, but all previous steps/parameters affect end result.



Picture 6.

If you end up in the second scenario, **I strongly advise** to check all numbers that you have previously typed in.

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