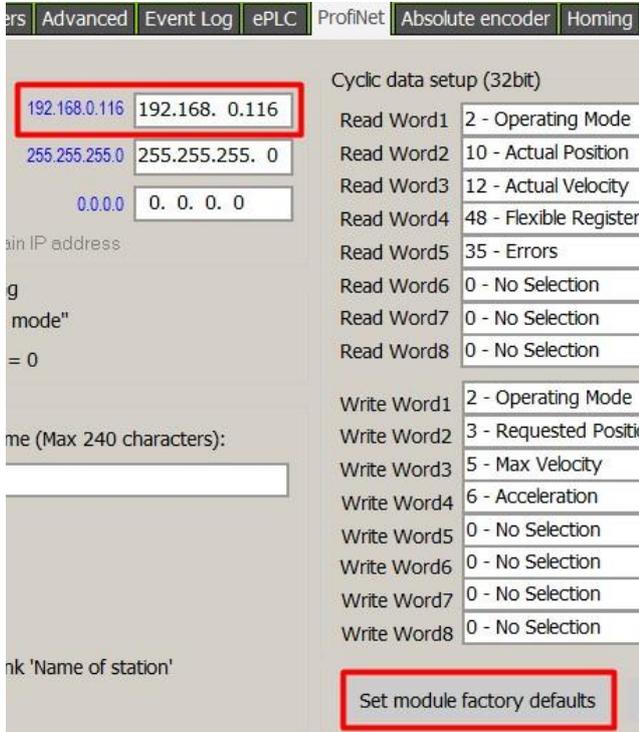
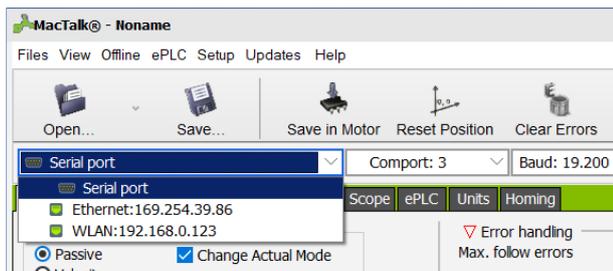


## Quick Guide – How to Connect MacTalk® via Ethernet

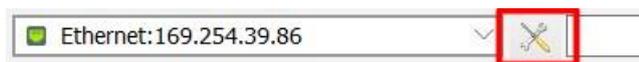
If you have no information about your motors IP address, first connect via a COM port and note the current IP address – or click <Set module factory defaults>:



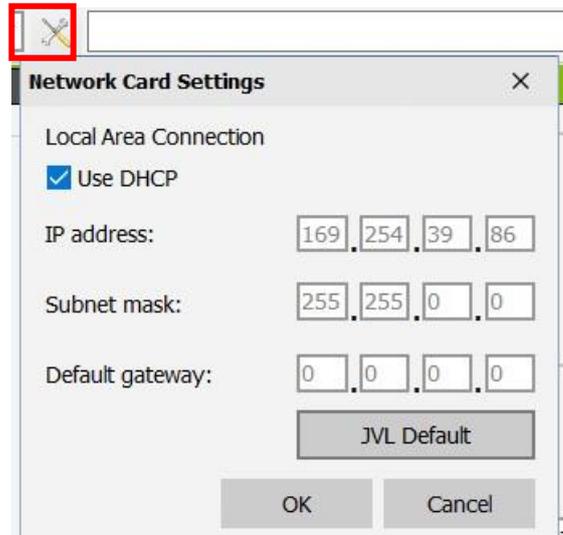
Click on the interface roll-down menu and you will see this:



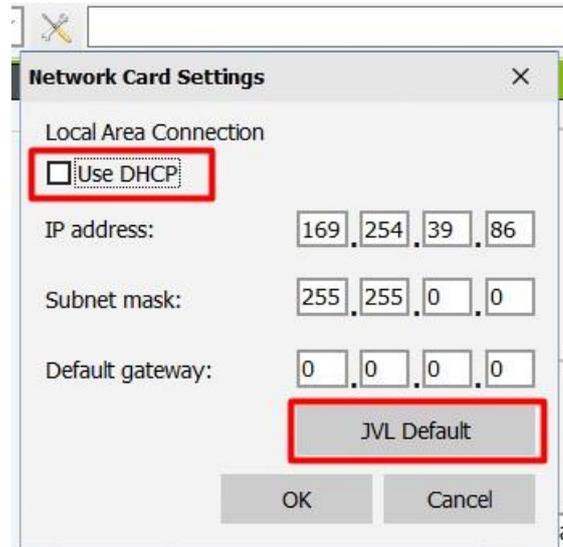
-then choose the LAN port. But as can be seen the IP address of the PC/LAN is totally wrong for connection to the motor. But after choosing the LAN/Ethernet you will get a new Tool Button:



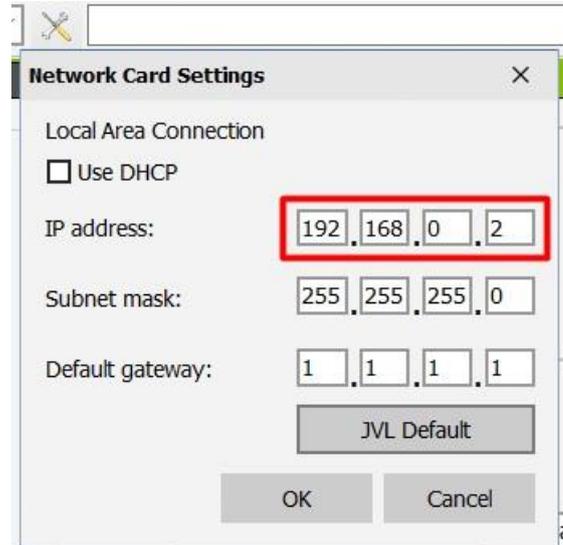
Click the button and a Network Card Settings window will pop up:



Disable DHCP and click on <JVL Default>



-and you will get:



Click <OK>.

Previously we saw that the motor IP address was: 192.168.0.116 – so specify this address.

Now you have successfully connected to your motor via Ethernet !

The screenshot shows the MacTalk software interface for motor configuration. The top menu bar includes 'Files', 'Motor', 'ePLC', 'Setup', 'Updates', and 'Help'. Below the menu is a toolbar with icons for 'Open...', 'Save...', 'Save in Motor', 'Reset Position', 'Clear Errors', 'Reset Motor', 'Filter Setup...', 'STOP Motor', and 'What's New?'. A red box highlights the network configuration area, showing 'Ethernet:192.168.0.2' and the IP address '192.168.0.116'. The main configuration area is divided into several sections:

- Startup Operating Mode:** Radio buttons for 'Passive' (selected), 'Velocity', 'Position', and 'Gear'. A checked checkbox for 'Change Actual Mode'.
- Profile Data:** Spinners for 'Max Velocity' (100.00 RPM), 'Start Velocity' (10.00 RPM), 'Acceleration' (1000 RPM/s), and 'Deceleration' (0 RPM/s).
- Driver Parameters:** Spinner for 'Running Current' (3.00 A RMS).
- Closed loop settings:** Checked checkboxes for 'Enable Closed Loop' and 'Enable Current Control'. Spinners for 'Allowable Overspeed (0-100%)' (0 %) and 'Follow Error Before Overspeed' (5000 Counts).
- Error Handling:** Spinners for 'Follow Error Max' (0 Counts), 'Position Limit Min' (0 Counts), 'Position Limit Max' (0 Counts), 'Error Deceleration' (10000 RPM/s), and 'Bus Voltage Min' (15 Volt).
- General Setup:** Unchecked checkboxes for 'Disable error on position limit', 'Enable position limits without memory', 'Disable brake', and 'Update the 'In Physical Position' bit continuously'.
- Undervoltage Handling:** Checked checkbox for 'Undervoltage -> Set Error Bit'. Unchecked checkboxes for 'Undervoltage -> Stop controlled, go to Passive Mode' and 'Undervoltage -> Set Max Velocity = 0 RPM'.
- Communication:** Spinner for 'Motor Address' (254).

At the bottom of the window, the status bar shows 'IP Alias Name: Default MIS\_EP (MIS232X Version V4.06.00130,SN: 204090) ProfiNet (V3.28.10157) Connected'. A red box highlights the 'ProfiNet (V3.28.10157) Connected' text.