

09/06/2011

UIO Ethernet IP Configuration

Changing the IP Address and Subnet of the UIO-E Module

CAUTION: This procedure should only be performed only by persons knowledgeable with Ethernet IP settings and with the authority to select and assign these values.

NOTE: You must know the IP address of the UIO module before using the procedure described below. If you do not know the address, please contact our technical support staff for help.

In order to communicate via Ethernet, both the PLC and UIO_E module must be on the same subnet and have static IP addresses that are unique to the network.

We will be glad to pre-configure the UIO-E prior to shipment if requested to do so. The default address of an un-configured module is 192.168.1.24, subnet 255.255.255.0. You must use the program, Reinet.exe, to change these values.

The UIO-E does not negotiate the cable connection so the user must determine if a crossover cable is required.

The following example assumes these values:

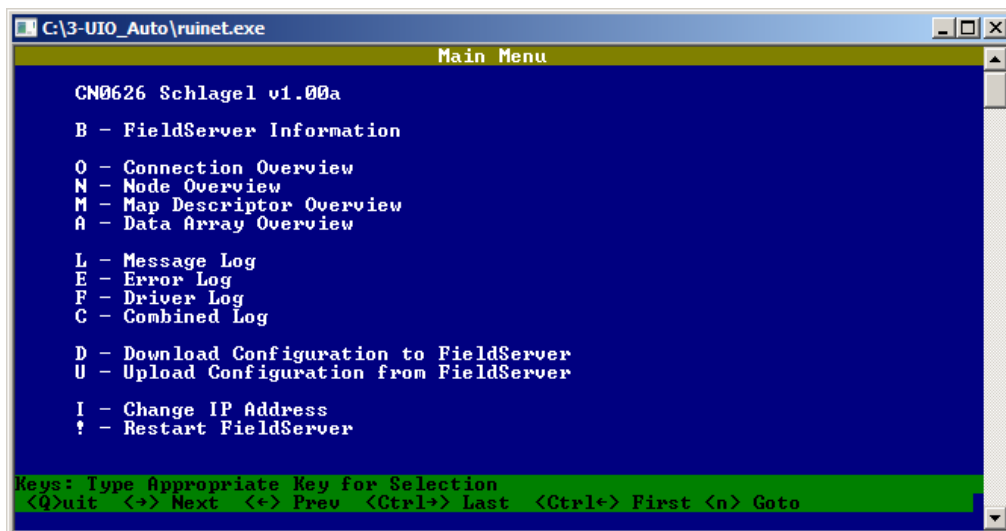
PLC address	IP: <u>192.168.0.121</u>	Subnet: <u>255.255.255.0</u>
Present UIO Ethernet module	IP: <u>192.168.1.24</u>	Subnet: <u>255.255.255.0</u>
Desired UIO Ethernet module	IP: <u>192.168.0.16</u>	Subnet: <u>255.255.255.0</u>

Configure a PC to use 192.168.1.xxx, subnet 255.255.255.0 and connect it to the UIO Ethernet module.

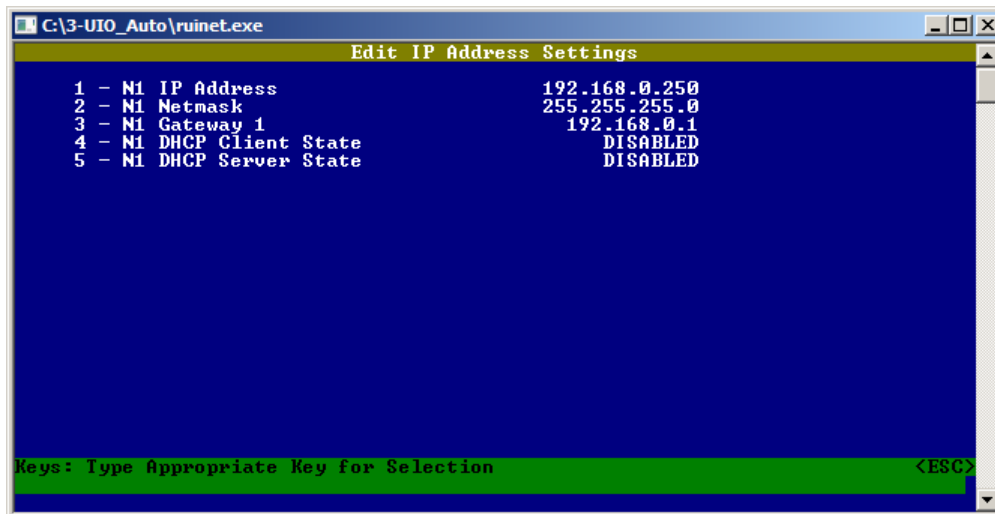
WARNING: Making changes to any fields other than the 2 described below, may make the UIO inoperable.

Run Ruinet.exe and execute the following steps:

1. Wait for the program to discover the 'Fieldserver' device and show the **Main Menu**.



2. Press *I* – *Change IP Address*. This should show the **Edit IP Address Settings** menu



3. Select *1 – N1 IP Address* and type *192.168.0.16* followed by the enter key.
4. Select *2 – N1 Netmask* and type *255.255.255.0* followed by the enter key. In this case it is not necessary to change this value because the subnet is already correct.
5. Do not change selections 3, 4 or 5
6. Press the Esc key to return to the **Main Menu**.
7. Select *! – Restart Fieldserver*. This will boot the module.
8. Press 'Q' a couple of times until you exit the Ruinet.exe program.

The boot process will take almost 1 minute. When finished, it will come back online using the address just assigned. Change your PC address back to the original values.

If you have special requirements for your network that is not covered in the above instructions, please contact our technical support staff for help.