

ControlSpace® EX1280-C Modules for AMX Installation Manual

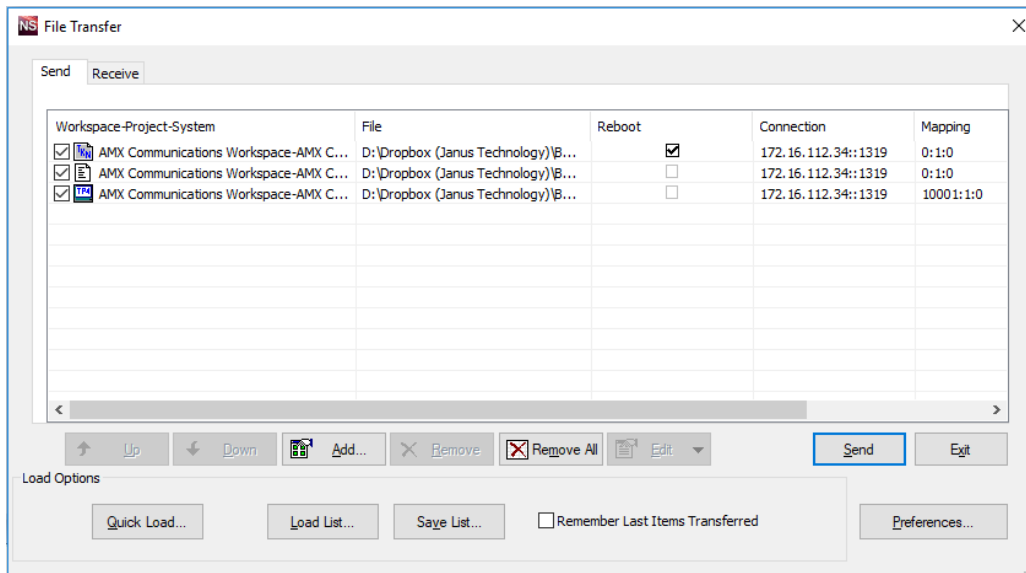
REQUIREMENTS

- NetLinx Studio 4.4
- ControlSpace® Designer™ 5.0.2
- EX 1280-C
- AMX communications_Exported.axw file
- Testing Interface.csp file
- NI-2100 Netlinx Integrator
- MVP-8400i AMX Touchpanel

CONNECTIONS

- Connect the NI-2100 and the EX 1280-C to the wire ports of a wireless router.
- Download the ESP Testing Interface config file into the processor.
- Establish wireless communication between the MVP-8400i and the wireless router:
 - Press the bottom left button and the bottom right button at the same time for 10 seconds.
 - When the Setup window shows up, press the protected setup button and enter the password: 1988
 - Press the Wireless Settings button.
 - Press the Site Survey button, wait until the list populates and select the name of wireless router. Click Connect and configure any security options if needed.
 - Click back and then reboot.
 - When the touchpanel reboots, go into the Protected Setup, and Wireless window and verify that the panel has connected with the router. The IP Address and subnet mask should now be populated. (The router must have its DHSP enabled).
- Establish communication with the NI-2100:
 - Connect the NI-2100 and the computer with a crossover serial cable. Connect the cable on the Program port of the NI-2100
 - Run Netlinx. Click on Settings/Master Communication Settings.
 - Verify that the configuration is Netlinx-Comx,115200,8,n,1,n. Where x is the com port of your computer. If not, click on Communication Settings and configure it appropriately. Click ok and leave that window.
 - Click on Diagnostics/Network Addresses. If the communication is ok, a Network Address window should show up. Click on Get IP Information. Click Use DHCP to let the router configure the NI-2100. Click Set IP information. Click Reboot Master to go to the Reboot Master screen, click reboot, click done.
 - After waiting about a minute, click on Diagnostics/Network Addresses /Get IP information and record the IP assigned to the NI-2100. Click Done out of that window.

- Click on Settings/Master Communication Settings to change the way Netlinx communicates with the NI-2100 from serial to TCP. Click on Communication Settings, select TCP/IP. Click Edit Settings and add a new entry with the information obtained in the previous step. Select that new entry and hit OK. The black bar on the Communication Settings window should now show the IP address of the NI-2100. Click OK out of those windows.
- Click Diagnostics/Network Addresses and verify that Netlinx can connect to the NI-2100. If all is good, click your way out of that window.
- Disconnect from the NI-2100 by clicking Settings/ Stop Communication.
- Load export file:
 - Click Project/Import From Exported Workspace File.. Navigate to the location of the AMX communications_Exported.AXW file and Open it. Select and extract directory and extract the program. If there is a warning window asking you to accept a new communication configuration select No.
- Transfer files to NI-2100 and MVP-8400i:
 - Compile the Active system by going to Build/Build Active System. The result of the compilation should give you no errors.
 - Click Tools/File Transfer and make sure there is nothing on the transfer list.
 - Click Quick Load, and on the Selection Options, first select Entire Workspace and then the Select All button. Click OK.
 - By now you should see a window that looks like this:



- Pay special attention to the connection Column. The information there should be the same as the IP address recorded earlier.
- Click Send.