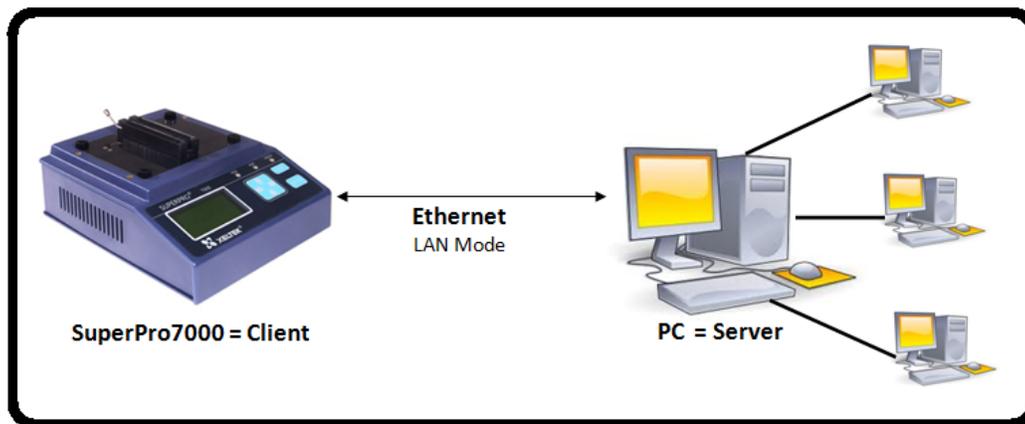# SuperPro7000 & Local Area Network (LAN)

Most volume programming applications require the programmer to be operated remotely. Remote controlling could be achieved through the Local Area Network (LAN) port of the SuperPro7000 programmer. LAN is a computer network that interconnects computers in close proximity to each other such as in an office building, a home or a school. A LAN is extremely useful for sharing resources like files and applications.

Once the SuperPro7000 is connected to a local network via the LAN port, any computer on the network will be able to control the SuperPro7000 remotely.

SuperPro7000 Software

The enhanced SuperPro7000 software contains a user-friendly interface to control the programmer under LAN mode. Setting up for the LAN mode is similar to that of current USB mode - an Ethernet cable is connected between SuperPro7000 and the network hub. See user manual for detailed instructions and illustrations.
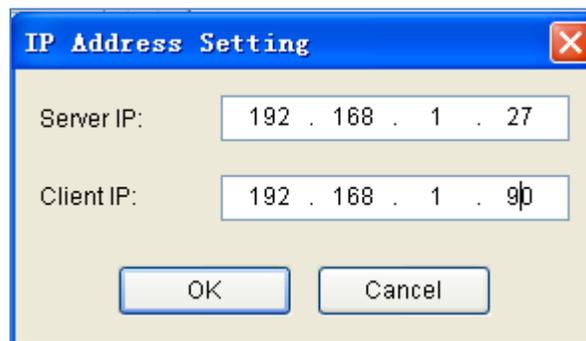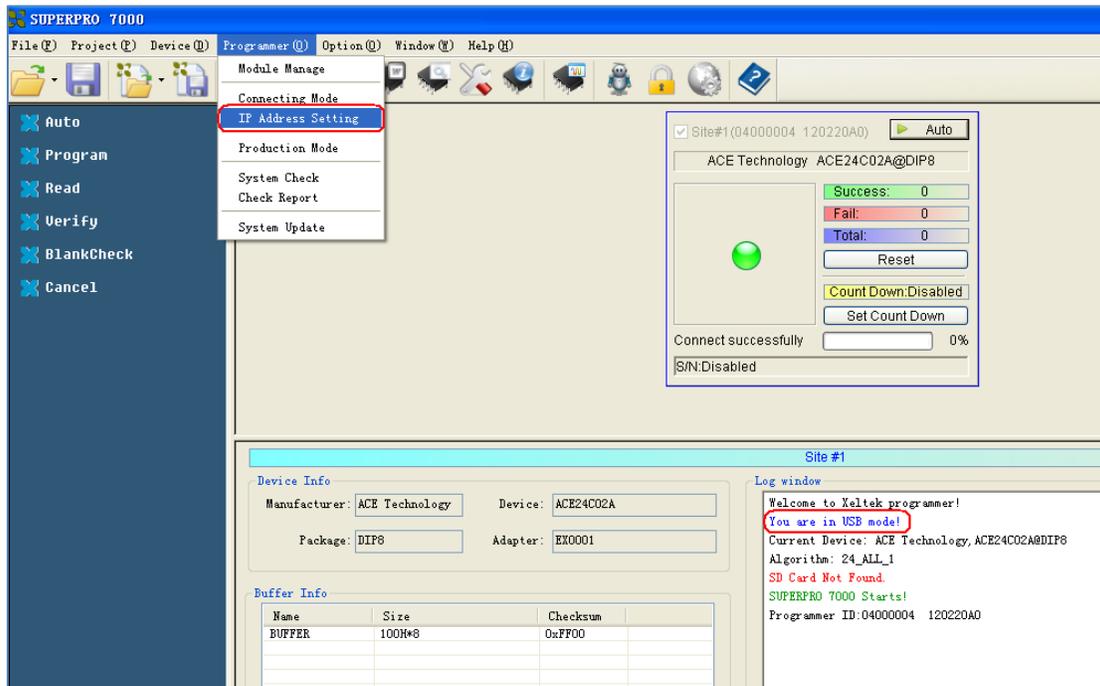
LAN Mode Preparation

Before operating the programmer in LAN mode, set the **server** and **client IP address** in **USB mode through the SuperPro7000 software**. When the programmer is in LAN mode, do not connect the SuperPro7000 to a PC via the USB cable. Once the LAN connection is established, **select the device part number**, **load the data file** and **perform program / verify / erase operations** (same as USB mode).
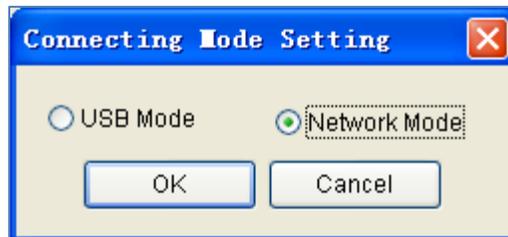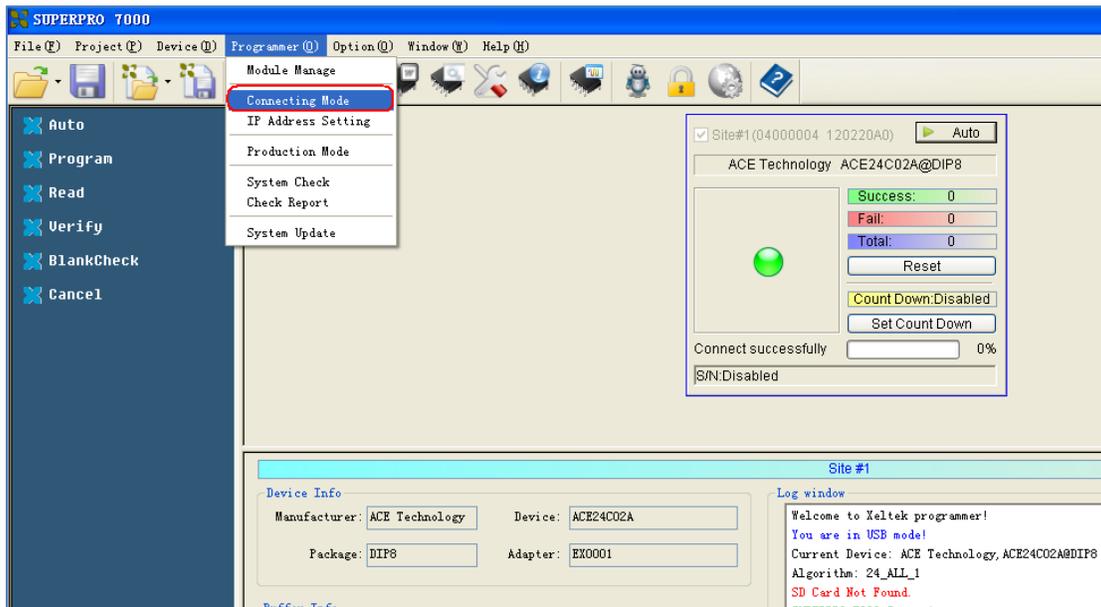
Establish LAN Communication

1) Connect the Superpro7000 to the PC via a USB cable then turn on SuperPro7000 programmer.

2) Wait 10 seconds for programmer hardware initialization on the computer screen then launch the SuperPro7000 software. Note: Software should not start in **Demo Mode**.

3) Setting server/client IP addresses: Click on "**IP Address Settings**" in the Option Menu. Server IP address will be automatically detected by SuperPro7000 software. To assign Client IP addresses, check your

network and find an IP address which is available. For example network interval may be 10.1.10.1 to 10.1.10.254

    a. Don't use network addresses ending with 1 or 255 since they are not used for any cases.

    b. Keep the first 3 fields fixed (xxx.xxx.xxx.1~255), and choose the last number (1 to 255). If the chosen IP address conflicts with another machine within the network, try another address.

    c. For example, we set the following Client IP address

4) After IP addresses have been set, turn off the SP7000 hardware.

5) Go to Menu "**Programmer**"-->"**Connection Mode**", And select "**NetWork Mode**".

6) Close the SuperPro 7000 software.

7) Unplug the USB cable, connect SuperPro7000 to the hub with an Ethernet cable then turn the programmer on.

8) Wait ten seconds for hardware initialization then open the SuperPro7000 software.

9) It may take thirty seconds for the software to detect SuperPro7000 hardware in Net mode. If it takes more than thirty seconds
    a. either an assigned IP address is not within the network range.
    b. there is an IP conflict with another machine in the network.

10) Once the SuperPro7000 is detected by the software, SuperPro7000 can now be operated from a remote location.

For any further assistance with operating the SuperPro7000 in LAN mode, please contact techsupport@xeltek.com.