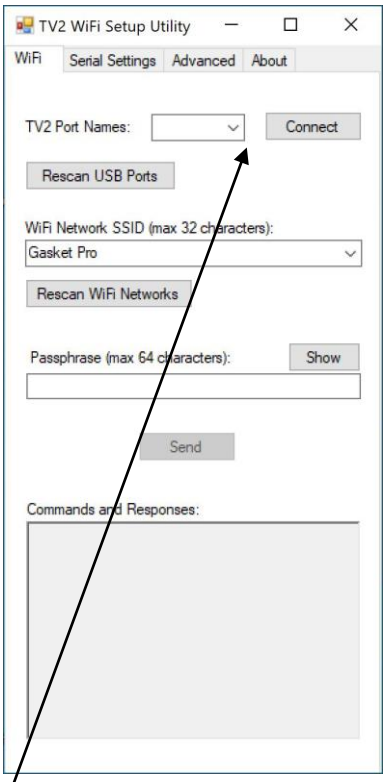
TWO DIMENSIONAL INSTRUMENTS, LLC

## Programming the TV2 monitor to connect to your WiFi network.

1. **Download the WiFi programming app from [www.e2di.com](http://www.e2di.com) to a computer with a USB socket.** *The app #2 is under software under the support tab.* **Download the app: WIFI setup utility.**
    a. **Unzip the folder** *(TV2_Wifi_Setup_Application.1.0.zip)***.**
    b. **Install by clicking on the file: "***TV2 WiFi Setup Utility.6.msi***".**
2. **Plug the TV2 monitor into a USB port on your PC.** *(If you open the file without plugging the TV2 into a USB serial port first, you will see an error message indicating that no TV2 monitors were found)*
3. **Open the WiFi programming app by clicking on it.**




4. **Click on the small arrow beside the TV2 Port Names box.** *If there is nothing in this box click on "Rescan USB Ports".* **A small popup indicating that the scan is complete will appear. If the popup still shows that no TV2s were found, click the Rescan button again, after**

**verifying the TV2 is plugged into a USB port of this computer. The port name:** *i.e. Com3 or Com 6*, **should show in the box beside the 'Connect' button.**

5. **Click on the Connect button. A popup will indicate that the TV2 monitor was found.**
6. **Once the TV2 monitor is found, indicate the network you want to connect to:**
    a. **Click on Rescan WiFi Networks until a small popup shows 'Scan Complete'.** (Note only those WiFi networks seen by your computer will be shown*)**.**
    b. **Click on the small dropdown arrow inside the 'WiFi Network SSID' box and select the network you want to connect to.**
    c. **Click inside the 'Passphrase (max 64 characters): box' and type in the password for the selected network.**
    d. **Click on the 'Send' button.**
    e. **You should see several lines of code in the 'Commands and Responses:' box at the bottom of the TV2 WiFi Setup Utility app window. This signifies that the TV2 has been properly programmed.**
    f. **The TV2 will reboot and the red X on the small network icon in the lower left of the TV2 monitor will disappear.**
    g. **An IP address will be shown to the right of the icon. You can assign an IP address from the Network Menu on the TV2 monitor.**

*Notes:*

1. *You can change the default security mode of your WiFi connection from the Network menu on the TV2 monitor*
2. *The Tab marked 'Serial Settings' on the TV2 network menu should not ever need to be used. It is set automatically to allow communication with the TV2 monitor.*
3. *If the TV2 will not be installed near where the PC running the app is located, it may need to be connected to a different network. If that is the case use a laptop or computer in the same area the TV2 monitor will be placed to scan for networks.*