



BF-430

RS232/RS485 to TCP/IP Converter Module

Quick Start Guide

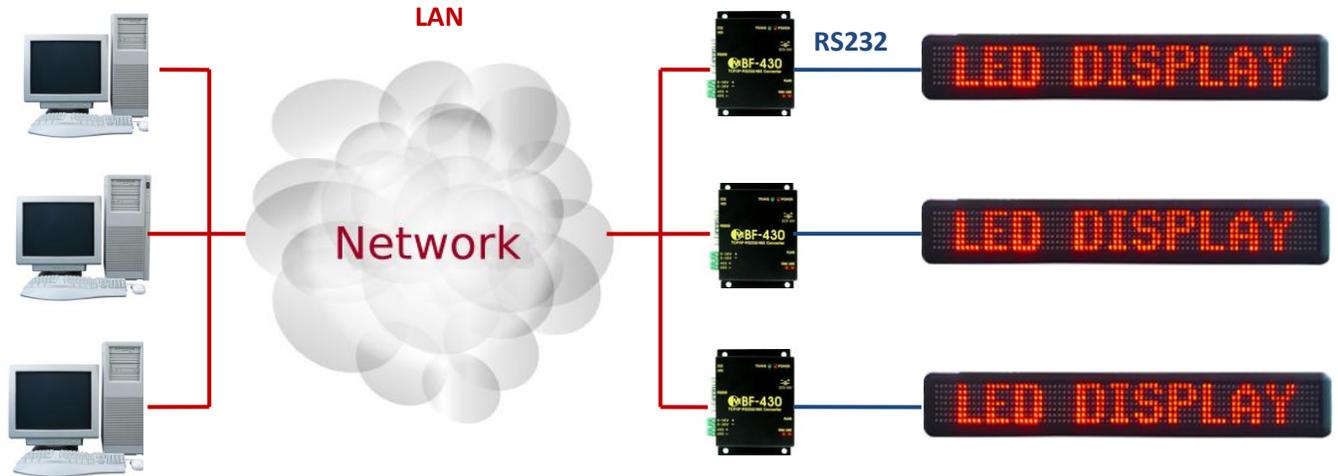
Version 1.0

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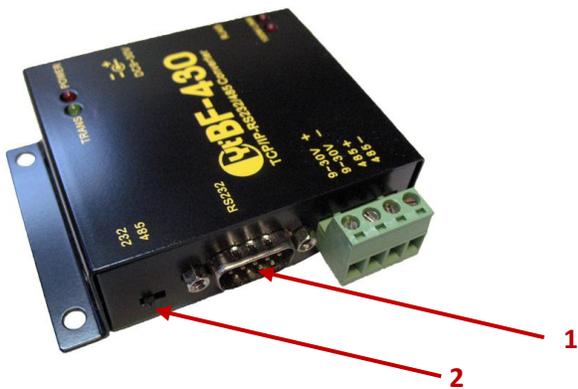
Application Overview

Any computer in the network will have access to the advertising unit via the BF-430. In order to achieve communication, the computer(s) will require the advertising software to be installed. Since the advertising unit(s) require serial communication, the VirCOM software must also be installed so that a virtual COM port can be created.



Installing the BF-430

- 1) Connect your advertising unit to the BF-430 via the **Serial Connection**
- 2) Set the **Serial Communication** switch to **232**.



- 3) Connect your network cable to the BF-430 RJ45 port.
- 4) Connect the adaptor side of the power supply to an outlet and the opposite end to the BF-430 DC power input.



Install VirCOM Software

- 1) Insert the supplied CD into your CD-ROM drive.
- 2) Run the file **Vir_COM-2_5_5_3_setup**.



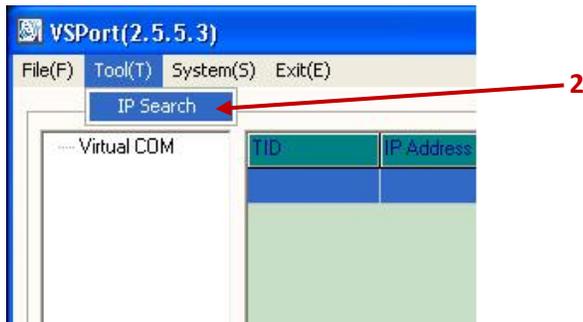
- 3) Follow the prompts to install the software using the default settings.

Locate and configure the BF-430 on the network.

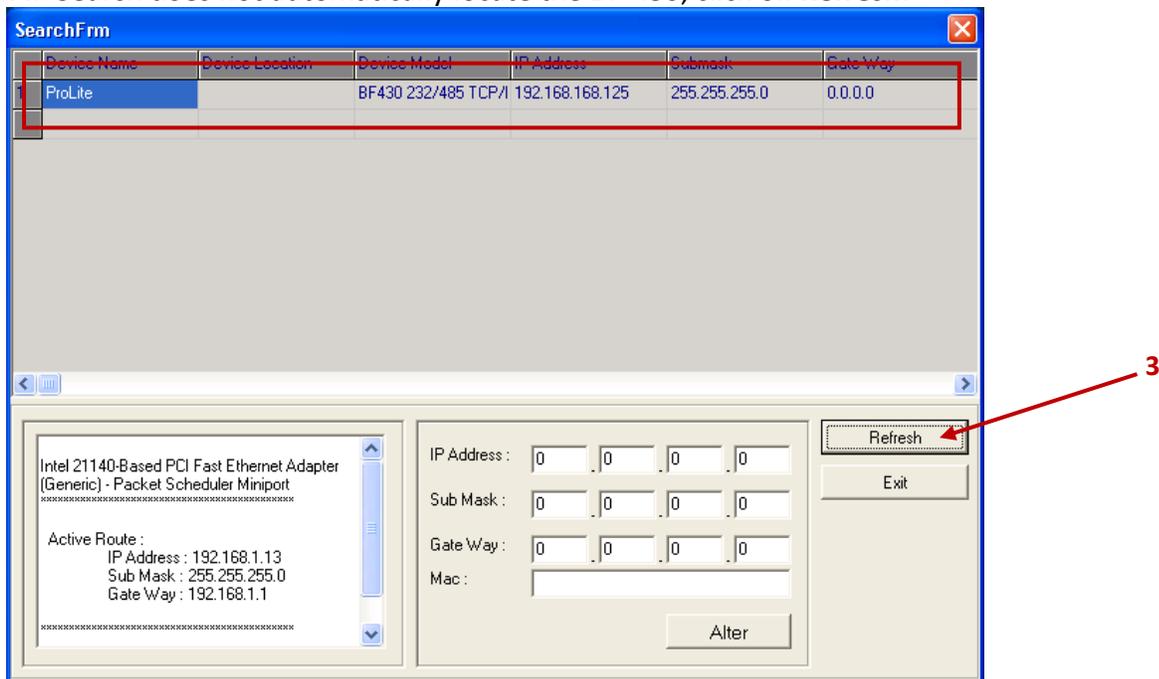
- 1) From your **Desktop**, run **VSPort.exe**.



- 2) Click on **Tool** and **IP Search**.



- 3) If IP Search does not automatically locate the BF-430, click on **Refresh**.



- 3) Click on the BF-430 you would like to configure and the settings will automatically appear in the modifications window.

IP Address : 192 . 168 . 168 . 125

Sub Mask : 255 . 255 . 255 . 0

Gate Way : 0 . 0 . 0 . 0

Mac : 00 0E E3 01 44 3A

Alter

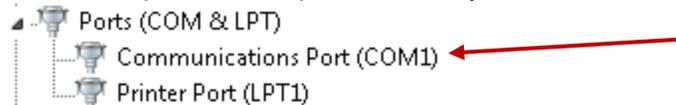
- 4) Proceed to change the IP, Sub Mask, and Gateway to allow for operation in your network Environment and click **Alter** to save your settings onto the BF-430.
- 5) After 5 seconds, click on **Refresh** and IP Search will bring up the new settings of the BF-430.
- 6) Exit IP Search.

Determine COM PORTS currently being used by computer

- 1) On your keyboard, press and hold the **Windows** key, then press the **Pause/Break** key to bring up the **System Properties**.



- 2) **WindowsXP Users:** Click the **Hardware Tab**. Now click **Device Manager**.
Windows7 Users: Click **Device Manager** on the top left of the **System Properties** Window. Then click on the **Hardware Tab**.
- 3) Click **Ports (COM & LPT)** to view the ports available.



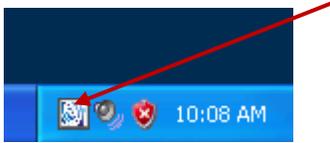
- 4) Write down the Communication(s) Port currently being used by the computer.

COM _____ COM _____ COM _____ COM _____ COM _____

Create a Virtual COM

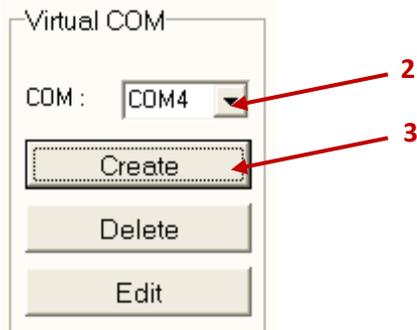
1) If **VSPort** is not running, please launch the program from your desktop.

NOTE: If **VSPort** will not start, this is because the program may already be running. Click on the VSPort icon in the Task Bar to open the program.



2) Select a COM PORT that is not currently being used by the computer from the drop down menu.

3) Click on **Create** and the COM settings window will appear.



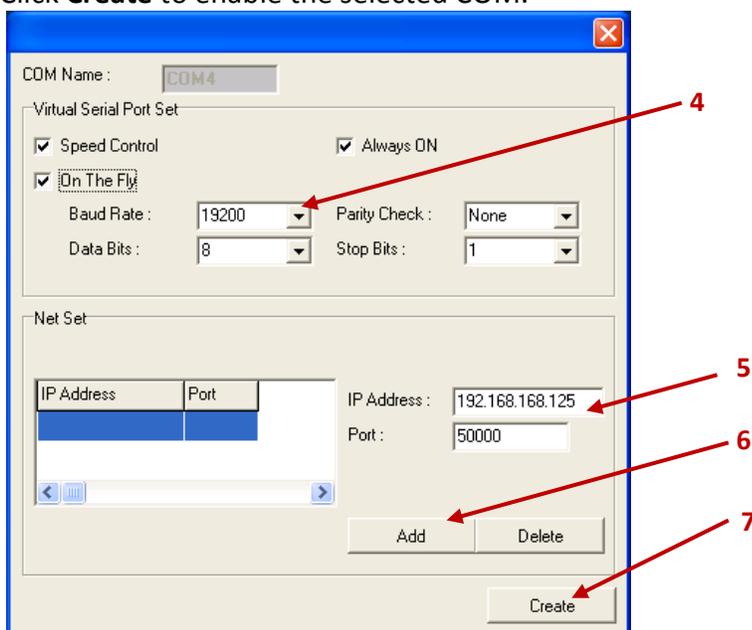
4) Enter the **Baud Rate** speed of your advertising unit.

NOTE: Please consult the user manual of the advertising unit to find out the Baud Rate.

5) Enter the current IP address of the BF-430.

6) Click **Add** to allow the BF-430 to utilize the selected COM.

7) Click **Create** to enable the selected COM.



Advertising Unit Communication

You are now ready to communicate to your advertising unit via the network. Please consult the Software user manual for your advertising unit and select the Virtual COM port created using the **VSPort** software.



Phone: 714-668-9988 | Fax: 714-668-9980 | Web: www.pro-lite.com

Web Support: www.pro-lite.com/support

Email (Sales): sales@pro-lite.com

Email (Support): support@pro-lite.com