



# Terminal Mode User Guide

Document Change Log

**11<sup>st</sup> Nov 2010**  
Document created.



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## **Introduction**

This document describe about connecting into terminal mode. Terminal mode connection is only applicable with serial connection to a host which is the computer.

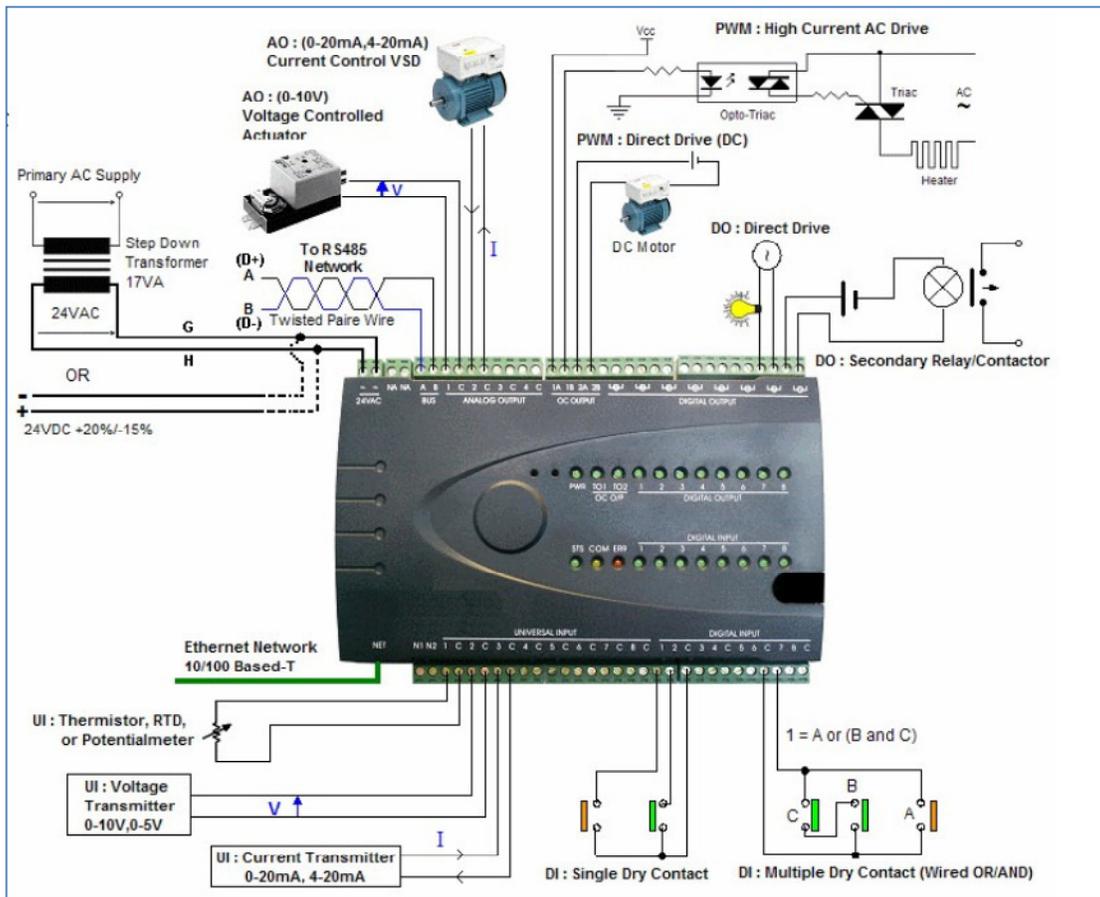
Terminal Mode is used for

1. Recover lost IP address
2. Change IP address
3. Change Login credentials
4. Format application file
5. Restore factory setting values.

## **Steps**

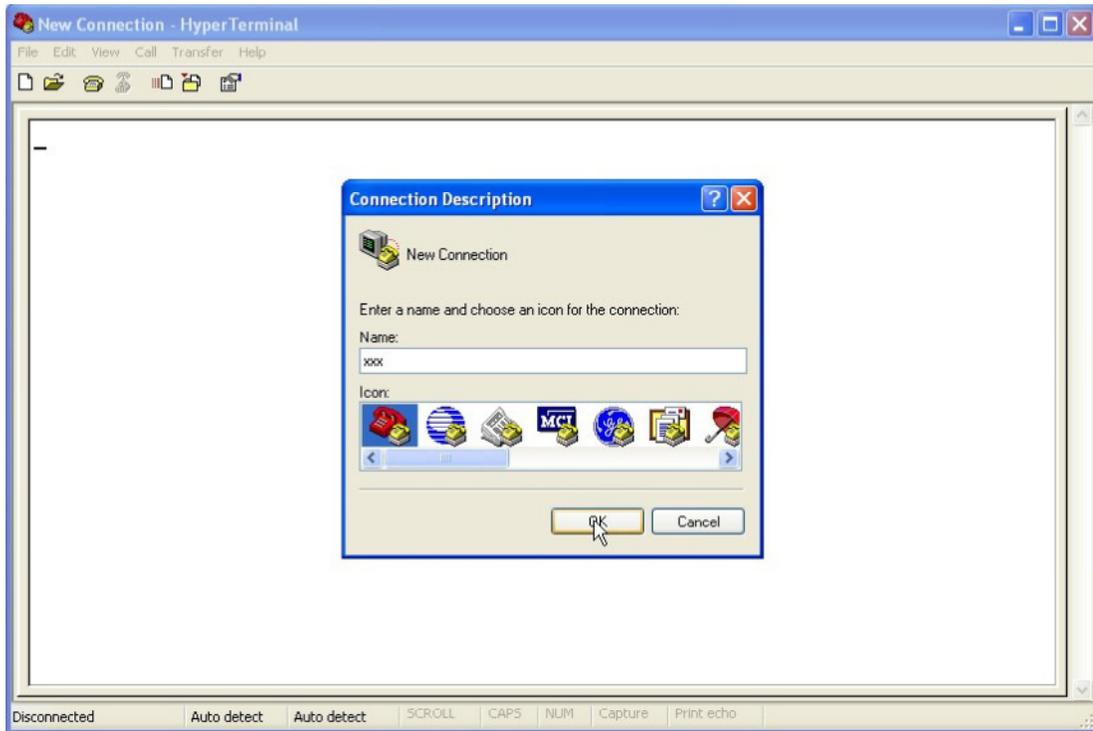
**Step 1:**

Hook up the controller wiring power and connect to terminal BUS D+ and BUS D- with a USB-RS485 controller.



**Step 2:**

Open a new connection and rename to xxx

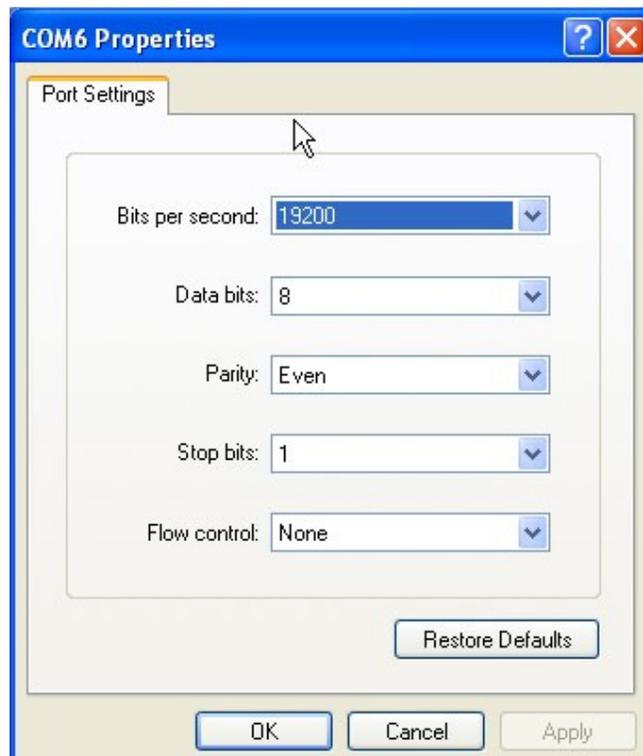


**Step 3:**

Select COM port that is connected to the controller.

**Step 4:**

Select the COM port properties as image below. Click OK.

**Step 5:**

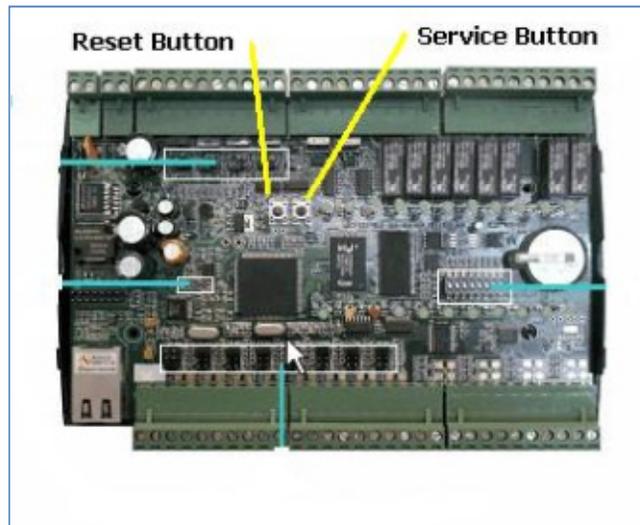
Make sure the connection of the hyperterminal is disconnect beforehand.

**Step 6:**

Press and hold down space bar on the keyboard. While holding down the “Space Bar” key , note that the EasyIO 30P comm. LED will blink fast stating that communication is under progress.

**Step 7:**

While controller is “ON” mode , press the reset button once.



**Step 8:**

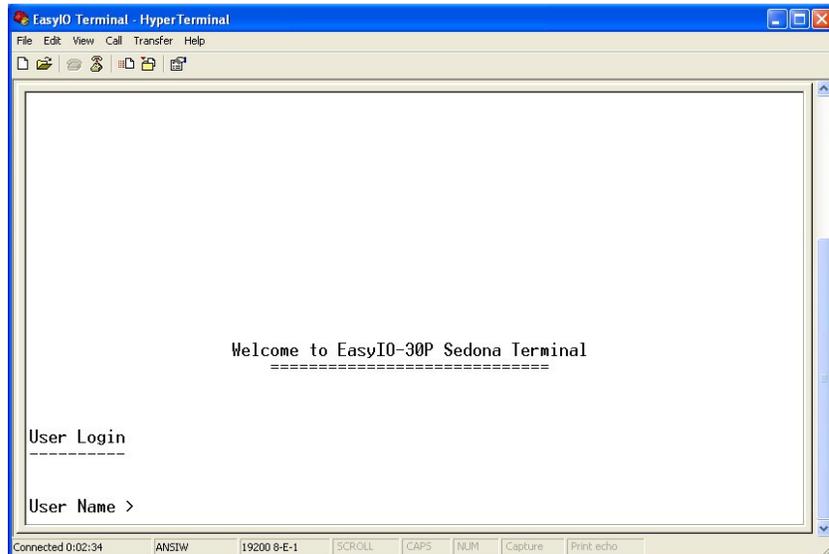
Make sure the controller will not return to normal operation mode after releasing the “reset ” button.

**Step 9:**

Release the space bar when the Status LED start blinking fast.

**Step 10:**

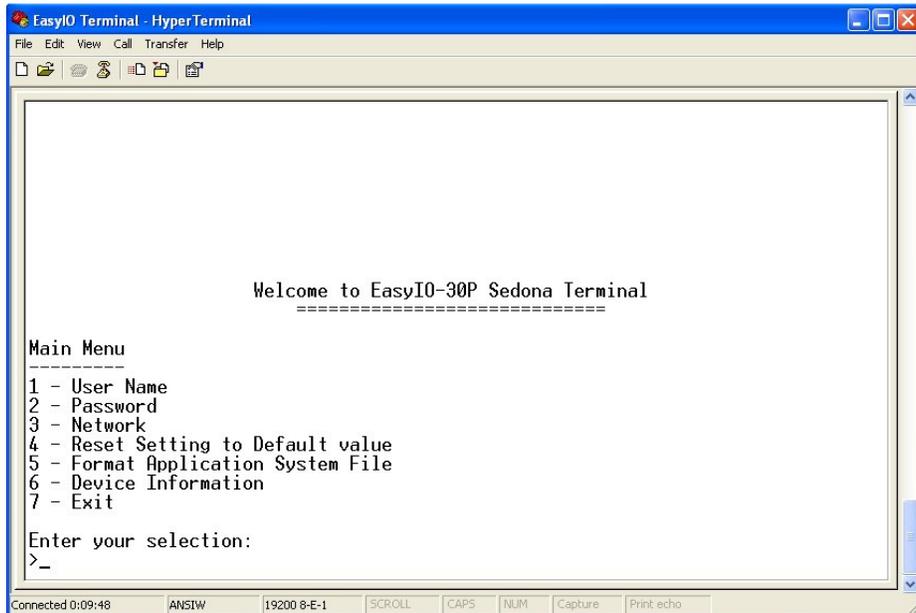
In the Hyper Terminal window , you should see as image below.

**Step 11:**

Key in the username : admin and password : 1234

**Step 12:**

You will see the all the main menus as below



***Main Menu description :***

1. Username : To change the login credentials
2. Password : To change login credentials
3. Network : This menu is to recover IP address or user can change the IP address at this menu.
4. Reset Setting to Default value :  
This menu is to restore factory settings for all the values
5. Format Application System File :  
This is to format the flash memory in the controller.
6. Device Information :  
This menu shows all the current firmware details.
7. Exit : Disconnect for the session.

**Step 13:**

After changes are done, select exit and controller will run in normal operation mode.

**Note:**

If the current firmware for normal operation is BACnet , controller RS-485 com port may be jammed up with MS/TP messages flow.

Please disconnect power to the controller first. Then prepare hyper terminal program.

Hold down space bar then power on the controller. The terminal mode session should be connected.