

TCIP SET UP AND CONFIGURATION INSTRUCTIONS

For Windows 8, 7 and Vista



comfort you control

To perform the configuration process successfully, follow the enclosed instructions completely. The correct stated value must be entered in each field, or the iServer will not connect to the Zonex control system. Note that the MAC address is on the face of the iServer device.

Before you begin

Before you begin configuring the iServer you will need the following devices.

- 1) PC or Laptop
- 2) Hub, Switch or preferably an Ethernet crossover cable
- 3) The TCP/IP settings provided by your network administrator which includes IP address, Subnet Mask and Gateway. Others like DNS may be required too.

*NOTE: Most laptops of 2010 and later have an auto switching Ethernet jack that can determine what cable is attached and what it needs to be pinned to.

If your laptop or PC has this feature, you may use either an Ethernet crossover cable or a standard Ethernet patch cable.

If your Laptop/PC does not have this feature then you will need to purchase an Ethernet crossover, OR make one based on **Figure 1**.

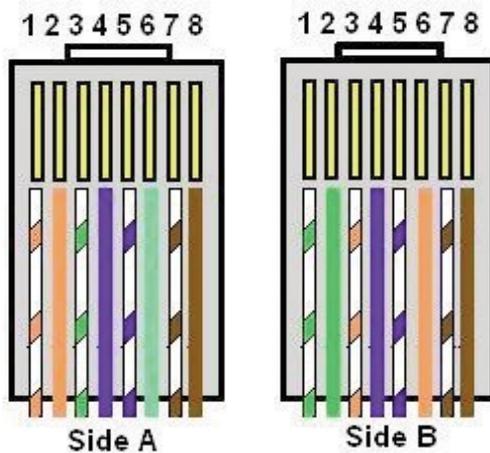


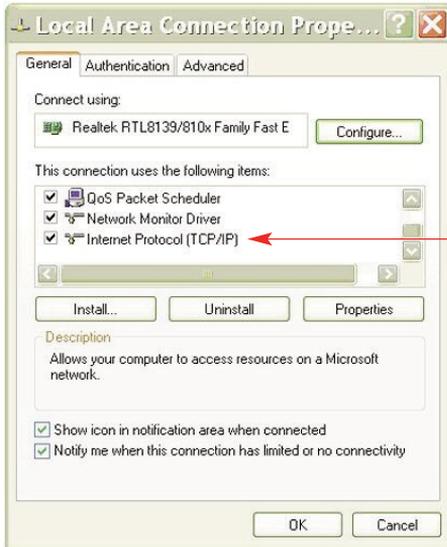
Figure 1 Ethernet Crossover Cable

Assigning an IP address to the iServer.

Changing TCP/IP Properties on your Computer

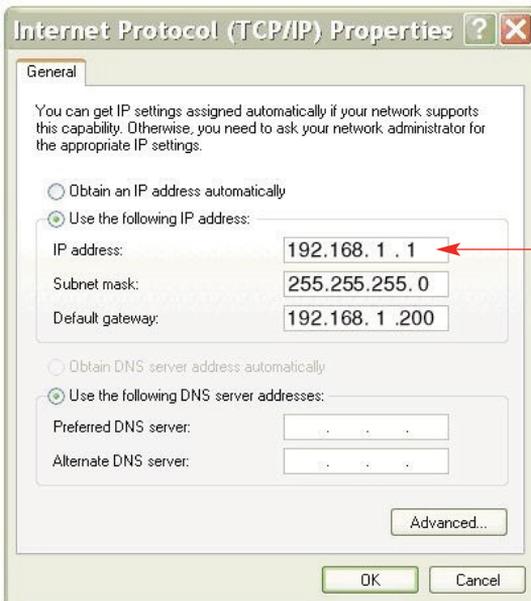
Go to your computer's **Control Panel** then to **Network and Sharing Center**.

Select **Change Adapter Settings** located on the left side then right click on **Local Area Connection** and select **Properties**.



Highlight **Internet Protocol Version 4 (TCP/IPv4)** then click **Properties**.

Setup the IP address (in this case, **192.168.1.1**) as shown below and press OK.



You can access the iServer's web server via any internet browser using IP address of **192.168.1.200**.

Once you log into the iServer's web server, you will be able to change its IP configuration according to the Network Administrator's request. Click Ok, then click Close. The hour glass may appear for a few seconds.

After you configure the iServer's IP configurations, you should go back and set your PC's previous IP settings recommended by your Network Administrator.

Accessing the iServer for Configuration

- Start your web browser.
- In the URL field, type **http://192.168.1.200** (iServer's default IP address)
- The iServer will display the LOGIN page, as shown below.

The default password is **12345678**, click OK to continue.

This password can be up to 16 alphanumeric case-sensitive characters.

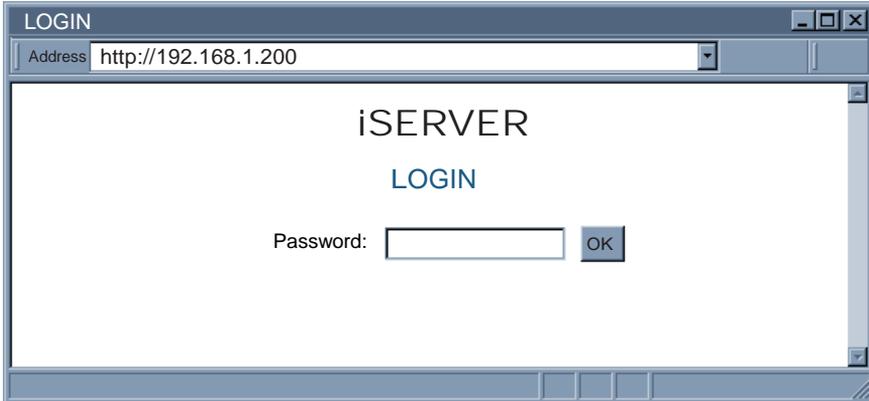


Figure 2 LOGIN before accessing Overview Page

Once the LOGIN password is entered, the **Overview** page will appear which provides a summary of important parameters within the iServer.

All the fields are read-only.

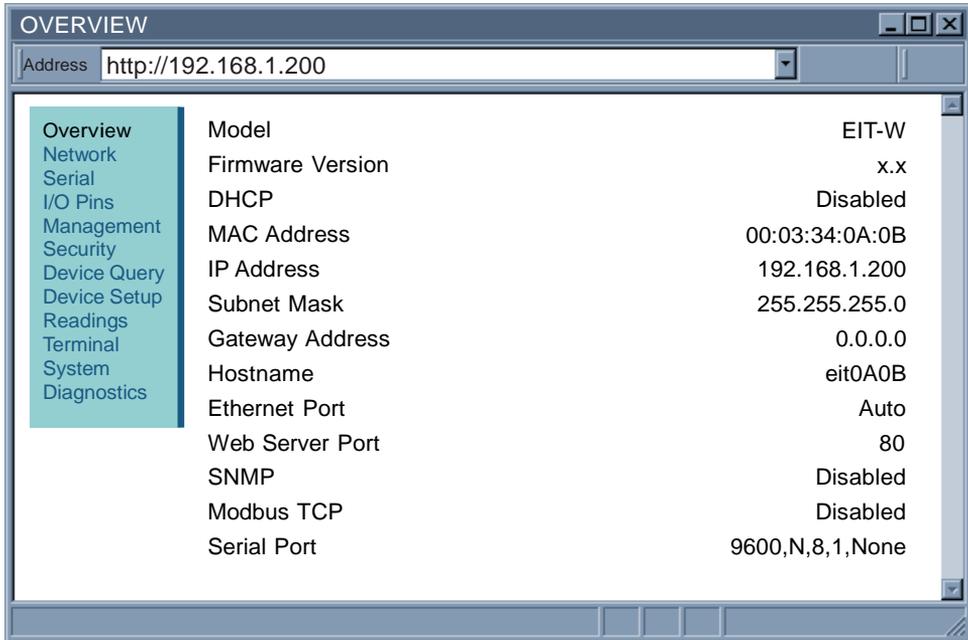


Figure 3 iServer OVERVIEW Page

Next, click on **Network** link from the left navigation bar, and you will see the following ADMINISTRATOR Password screen.

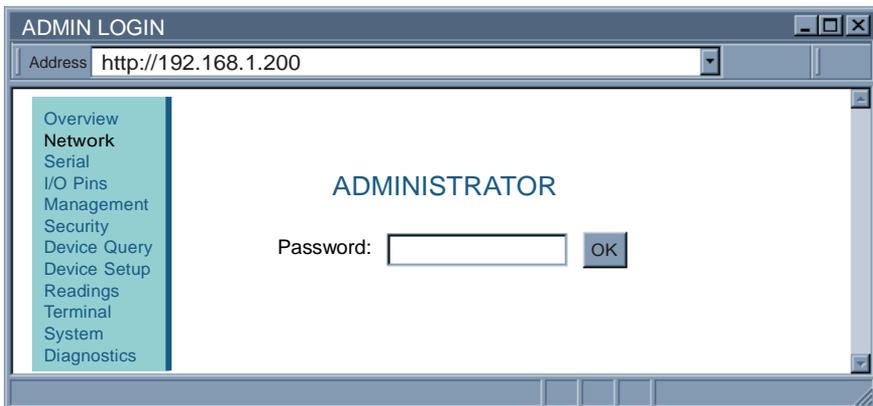


Figure 4 ADMINISTRATOR Password

ADMINISTRATOR Password is required to access NETWORK, SECURITY, and SYSTEM web pages, unless it's disabled. The default password is **00000000**. This password can be up to 16 alphanumeric case-sensitive characters.

Network

This page provides configurations for the Ethernet interface and TCP/IP parameters. Fields are described below.

The screenshot shows a web browser window titled "NETWORK" with the address bar containing "http://192.168.1.200". The main content area is titled "IP CONFIGURATION" and contains the following settings:

DHCP	<input type="checkbox"/>
MAC Address	00:03:34:00:0A:0B
IP Address	192.168.1.200
Subnet Mask	255.255.255.0
Gateway Address	0.0.0.0
DNS Address	0.0.0.0
Host Name	eit0A0B
Protocol	TCP
Web Server Port	80

Below the IP configuration is the "ETHERNET PORT" section with the following settings:

Auto-Negotiation	<input checked="" type="checkbox"/>
Speed	<input type="radio"/> 100 Mbps <input checked="" type="radio"/> 10 Mbps
Duplex	<input type="radio"/> Full <input checked="" type="radio"/> Half

At the bottom of the configuration area are two buttons: "Save Changes" and "Reset".

Figure 5 NETWORK Page

After you have input the IP address, subnet mask, and gateway, as specified by your network administrator, click the **Save Changes** button.

Serial

Next step is to click on the **Serial** link from the left navigation bar. On this page, make sure to select the options and values shown below for each field. Store the settings by clicking the **Save Changes** button.

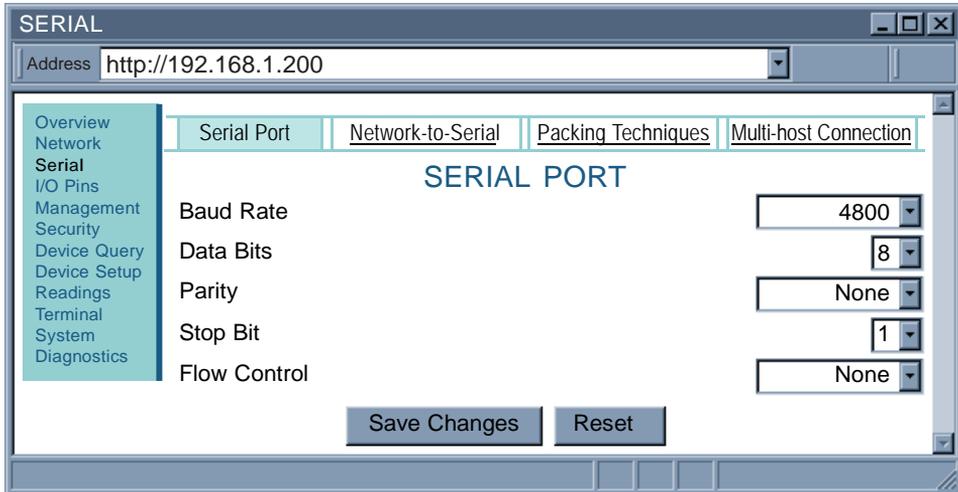


Figure 6 SERIAL Page

Next step is to click on the **Network-to-Serial** tab and verify that the options and values shown below match your settings. Click the **Save Changes** button.

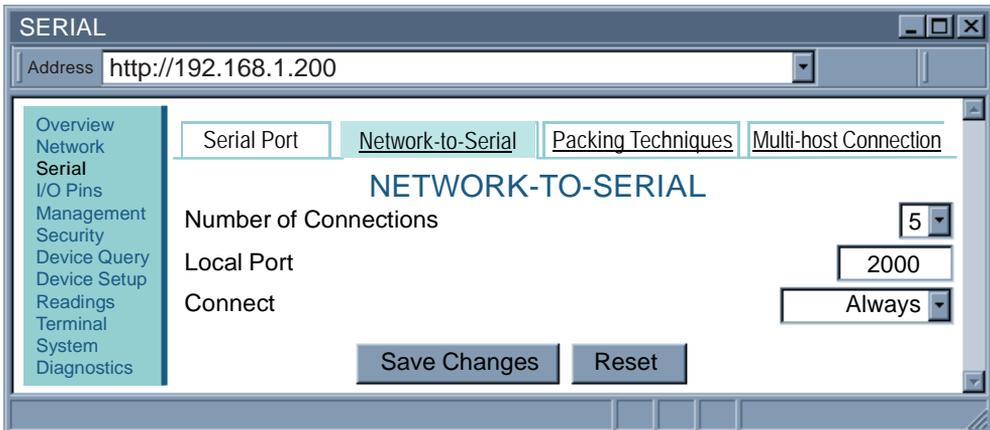
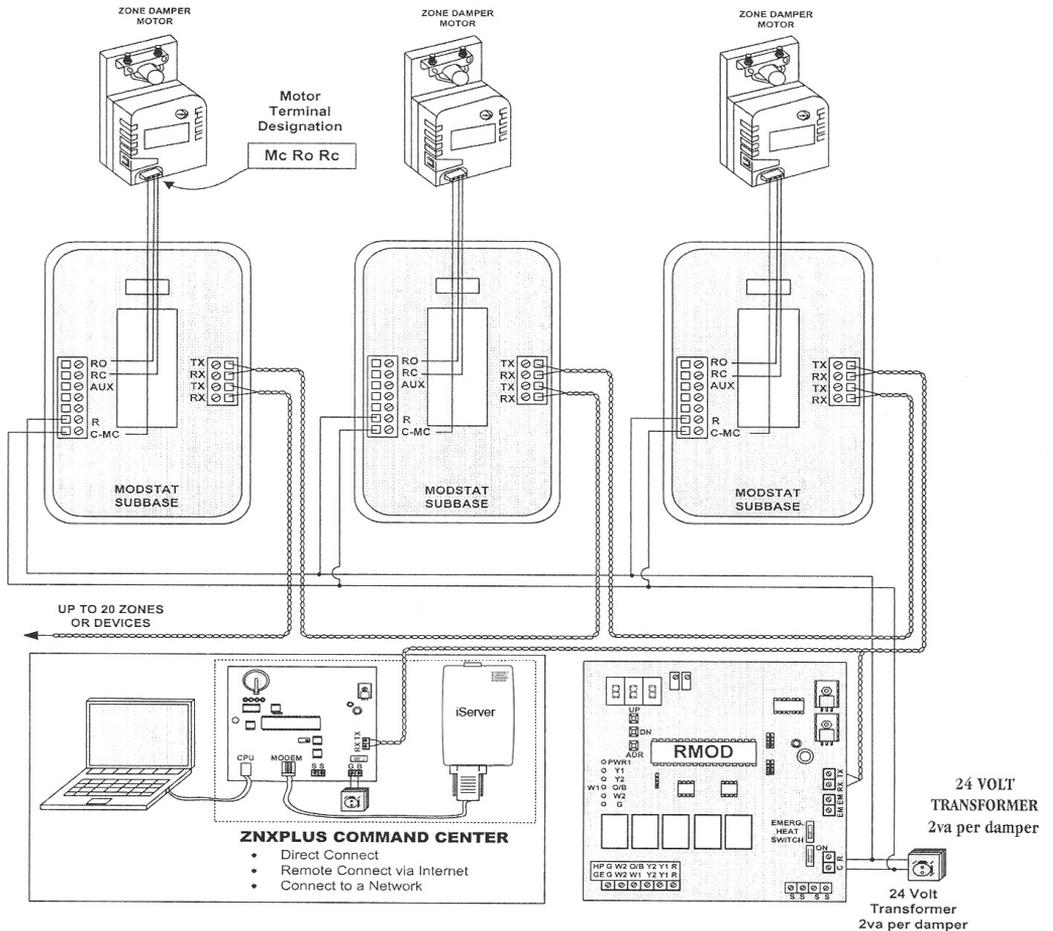


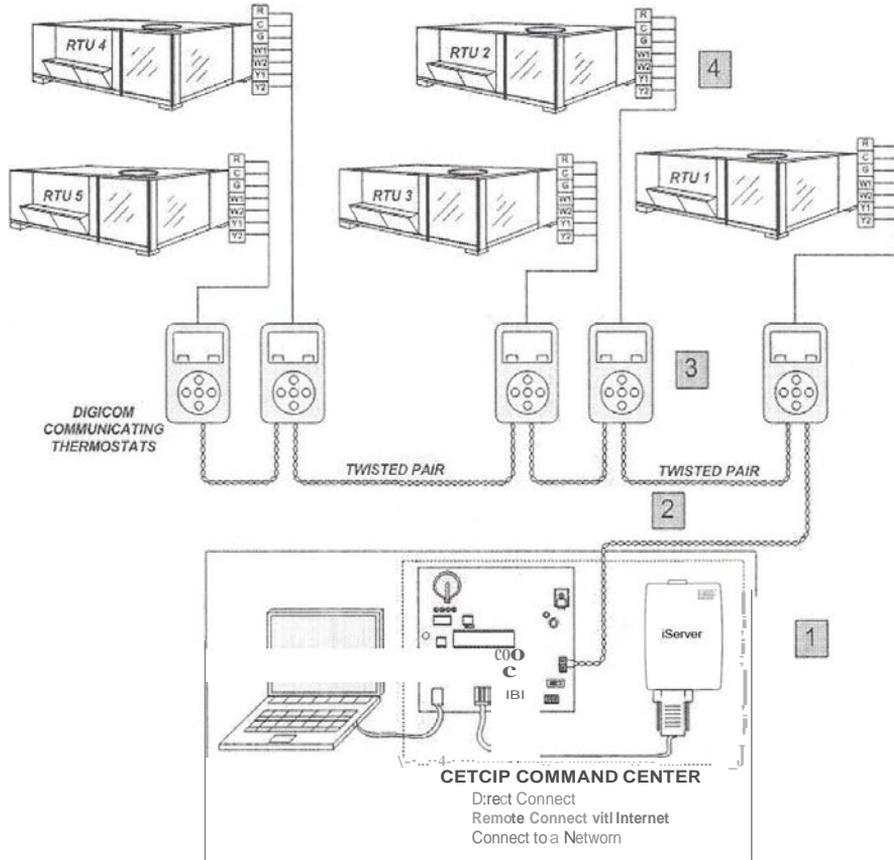
Figure 7 NETWORK-TO-SERIAL Page

ZONEXCOMMANDER (PLUS) INSTALLATION WIRING DIAGRAM



ZONEXCOMMANDER CONCEPT DRAWING

ZonexCommander is a DOC system for automating and networking new and existing stand-alone HVAC systems and mechanical devices. Gas Electric and Heat Pump HVAC units are controlled with communicating thermostats while mechanical devices are controlled with a relay device (RLYCOM). Each of these devices can be scheduled through the simple Windows-based ZonexCommander software and communicate to the Command Center via a daisy-chained 2-wire twisted pair communications link.



- [2] ZonexCommander Command Center (Part #CETC!P)
- [3] Twisted Pair Communications Wire (Belden #8740)
- @] DrGICOM or O!GUIP Thermostat
- [3] Standard 18-ga. Thermostat Wiring to Unit