TCIP SET UP AND CONFIGURATION INSTRUCTIONS - For Windows XP -



comfort you control

To perform the configuration process successfully, follow the enclosed instructions <u>completely</u>. 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.

Assigning an IP address to the iServer

Install iConnect software on a networked PC. This software is compatible with Windows 95, 98, NT, 2000, and XP.

Use iConnect to assign an IP address to the iServer and access its web pages for configuration. You can also use any standard web browser to access the iServer's web pages. Consult with your IT department for obtaining an IP address.



Figure 1 Assigning an IP Address using iConnect

- 1) Place the IP address that you want to assign in this box; the default is 192.168.1.200.
- 2) Take the MAC address from the label attached to the bottom of the iServer and place it in this box.
- 3) Click here to send the above IP address to the iServer.
- 4) After the IP address is assigned to the iServer, click here to access it's web pages.
- 5) Click here to Ping the iServer whose IP address is shown in the IP address box.
- 6) Click here to find all the iServer's on your network .
- 7) The IP addresses for the iServer's found by the iConnect will be listed here.
- 8) These fields indicate the IP address and the subnet mask of the PC on which the iConnect is running. They need to be in the same subnet of what you are assiging the iServer.

Accessing the iServer for Configuration

Click on the "View Webpage" button, you will be prompted for the LOGIN password. The default password is **12345678**.

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

🐓 iCONNECT - Use	er Name: aaa with local Adminstrator Rights - IP Setup	
File Options Help		
a		
IP Address 192.168.1.200 MAC Address 00-03-34-00-0A-0B Send IP View Webpage Ping Search for Devices Devices Found: 192.168.1.200 [0a Computer IP Address 192.168.1.15 Computer Subnet Mask 255.255.255.0	ISERVER LOGIN Password:	
Ready	IP Selected	

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.

OVERVIEW		
Address http://1	92.168.1.200	•
Overview Network Serial I/O Pins Management Security Device Query Device Setup Readings Terminal System Diagnostics	Model Firmware Version DHCP MAC Address IP Address Subnet Mask Gateway Address Hostname Ethernet Port	EIT-W x.x Disabled 00:03:34:0A:0B 192.168.1.200 255.255.255.0 0.0.0.0 eit0A0B Auto
	Web Server Port SNMP Modbus TCP Serial Port	80 Disabled Disabled 9600,N,8,1,None

Figure 3 iServer OVERVIEW Page

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

ADMIN LC	DGIN	
Address	ttp://192.168.1.200	[
Overview Network Serial I/O Pins Managem Security Device Qu Device Se Readings Terminal System Diagnostic	ADMINISTRATOR Password: OK	×

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.

Address http://192.168.1.200 Overview IP CONFIGURATION Network DHCP Serial DHCP I/O Pins MAC Address Management Security Device Query Subnet Mask Device Setup Gateway Address Readings O.0.0.0 Terminal System Diagnostics Host Name Protocol TCP Web Server Port 80 ETHERNET PORT Auto-Negotiation Imagement Output Output	NETWORK		×
Overview IP CONFIGURATION Network DHCP Serial DHCP I/O Pins MAC Address Management Security Device Query Subnet Mask Device Setup Gateway Address Readings Gateway Address Terminal System Diagnostics DNS Address Protocol TCP Web Server Port 80 ETHERNET PORT Auto-Negotiation	Address http://	192.168.1.200	
Network Serial I/O PinsDHCPMAC Address00:03:34:00:0A:0BManagement Security Device Query Device Setup Readings Terminal SystemIP AddressGateway Address0.0.0DNS Address0.0.0.0Host Nameeit0A0BProtocolTCPWeb Server Port80ETHERNEET PORT	Overview	IP CONFIGURATION	A
Web Server Port 80 ETHERNET PORT Auto-Negotiation	Network Serial I/O Pins Management Security Device Query Device Setup Readings Terminal System Diagnostics	DHCPMAC Address00:03:34:00:0A:0BIP Address192.168.1.200Subnet Mask255.255.255.0Gateway Address0.0.0DNS Address0.0.0Host Nameeit0A0BProtocolTCP	
ETHERNET PORT		Web Server Port 80	
Auto-Negotiation		ETHERNET PORT	
Speed 0 100 Mbps 0 10 Mbps Duplex 0 Full 0 Half		Auto-NegotiationImage: Constraint of the second	
Save Changes Reset		Save Changes Reset	T



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.

SERIAL					
Address http:/	//192.168.1.200			•	
Overview Network Serial I/O Pins Management Security Device Query Device Setup Readings Terminal System Diagnostics	Serial Port Baud Rate Data Bits Parity Stop Bit Flow Control	Network-to-Serial Par SERIAL P	cking Techniques ORT Reset		AREAD AND A CONTRACT OF A CONT

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.

SERIAL					_ 🗆 ×
Address http://	//192.168.1.200			-]
Overview Network	Serial Port	Network-to-Serial	Packing Techniques	Multi-host Con	nection
Serial I/O Pins Management	Number of Cor	NETWORK-	TO-SERIAL		5 -
Device Query Device Setup Readings	Local Port Connect			2 Alw	000 /avs •
Terminal System Diagnostics		Save Changes	Reset	L	<u> </u>

Figure 7 NETWORK-TO-SERIAL Page

ZONEXCOMMANDER CONCEPT DRAWING

ZonexCommander is a DDC 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 (**RIYCOM**). 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.



- 3 DIGICOM or DIGIHP Thermostat
- 4 Standard 18-ga. Thermostat Wiring to Unit

ZONEXCOMMANDER (PLUS) INSTALLATION WIRING DIAGRAM

