# User's Manual for 7188E2 VB/BCB/Delphi Demo

There have three blocks on the program which are "Server Connection", "Server / COM1" and "Server / COM2". The default status of the three blocks is disabled.

The "Server Connection" is used to access the host server while the "Server / COM1" and "Server / COM2" are used to access the COM ports of the server.

The field with green color is for read-write purpose while the field with yellow color is read-only.

#### Connect to Server

Step 1. Enter the IP address of the host server in the "Host IP" field. Step 2. Click the "Connect" button to connect to the server.

Enter the	Enter the Server's IP and then click "Connect"	
. 7188E2		
Server Connection Host IP: 192.168.255 Set IP Connect Exit Server Information Firmware Ver : Server Name : Server Name :	Server / COM1 Configuration Baud Rate : 9600 Data : Parity COM Port Setting Stop : Send S01M CR Response	
Mask Set	Server / COM2	
Echo Service     Send     Echo Test     Response:	Configuration Baud Rate : 9600 Data : Parity COM Port Setting Stop :	
Send 01 Response:	Send \$02M P CR Response:	
Read-Write Field	Read-only Field	

The program shows up the information about the Server, after it had connected. These information includes Firmware Version, Server Name, Gateway, Sub-net Mask, COM port's Baud-Rate, Data-Bits, Parity Bits and Stop-Bits.

The "Connect" button changes to "Disconnect" when connecting successful else it stays in "Connect".

🖷, 7188E2	
Server Connection       Host IP:     192 168 255.41       Disconnect     Exit	Configuration Baud Rate : 9600 Data : 8 Parity Name
Server Information Fireware Ver : V2.0	COM Port Setting Stop : 1
Server Name : 7188E2 Server Configuration Gateway 192.168.0.1 Set	Send \$01M F CR
Echo Service	Configuration Baud Rate : 9600 Data : 8
Response: <a>Echo Test&gt;</a> <ul> <li>Send / Receive Data</li> </ul>	COM Port Setting Stop : 1
Send 01 Response:	Send \$02M CR

## Setting New IP Address to Server

Step 1. Change the IP address of the "Host IP" field.

Step 2. Click the "Set IP" button.



## Setting New Gateway and Mask

Step 1. Change the IP address of "Gateway" field and click the "Set" button.

Step 2. Change the Sub-Net Mask of "Mask" field and click the "Set" button.

- Server C	onfiguration —	
Gateway	192.168.0.1	Set
Mask	255.255.0.0	Set

### **Echo Service**

Step 1. Change the string on the field.

Step 2. Click the "Send" button.

The "Response" field then shows up the return string (echo) from the Server.

Echo Service	
Send	Echo Test
Response	. <mark><echo test=""></echo></mark>

## Send / Receive Data

Step 1. Enter the command/data string on the field.

Step 2. Click the "Send" button.

The "Response" field then shows up the return string from the Server.

Send / Receive Data		
Send	161	
Response	. 9600,8,N,1	

# COM port setting

Step 1. Enter the baud-rate on the "Baud Rate" field.

- Step 2. Select the Data bits on the "Data" Field.
- Step 3. Select the Parity bits on the "Parity" Field.
- Step 4. Select the Stop bits on the "Stop" Field.

Step 5. Click the "COM Port Setting" button to setting the COM port.

It will shows the "OK" message box twines. One for baud-rate and one for data-format.

- Server / COM1 —		
Configuration Baud Rate : 9600	Data : <mark>8</mark>	<b>•</b>
	Parity <mark>5</mark>	
COM Port Setting	Stop : <mark>7</mark>	
	8	
Send \$01M Response		r LF

# Send (/Receive) Command to (/from) COM port

Step 1. Enter the command/data on the field.

- Step 2. Check the "CR" (/"LF") checkbox if need. For I-7000 series modules, please check the "CR". ("CR" stands for "Carriage Return" and "LF" stands for "Line Feed".)
- Step 3. Click the "Send" button to send out.

The "Response" field then shows up the return string from the Server.

