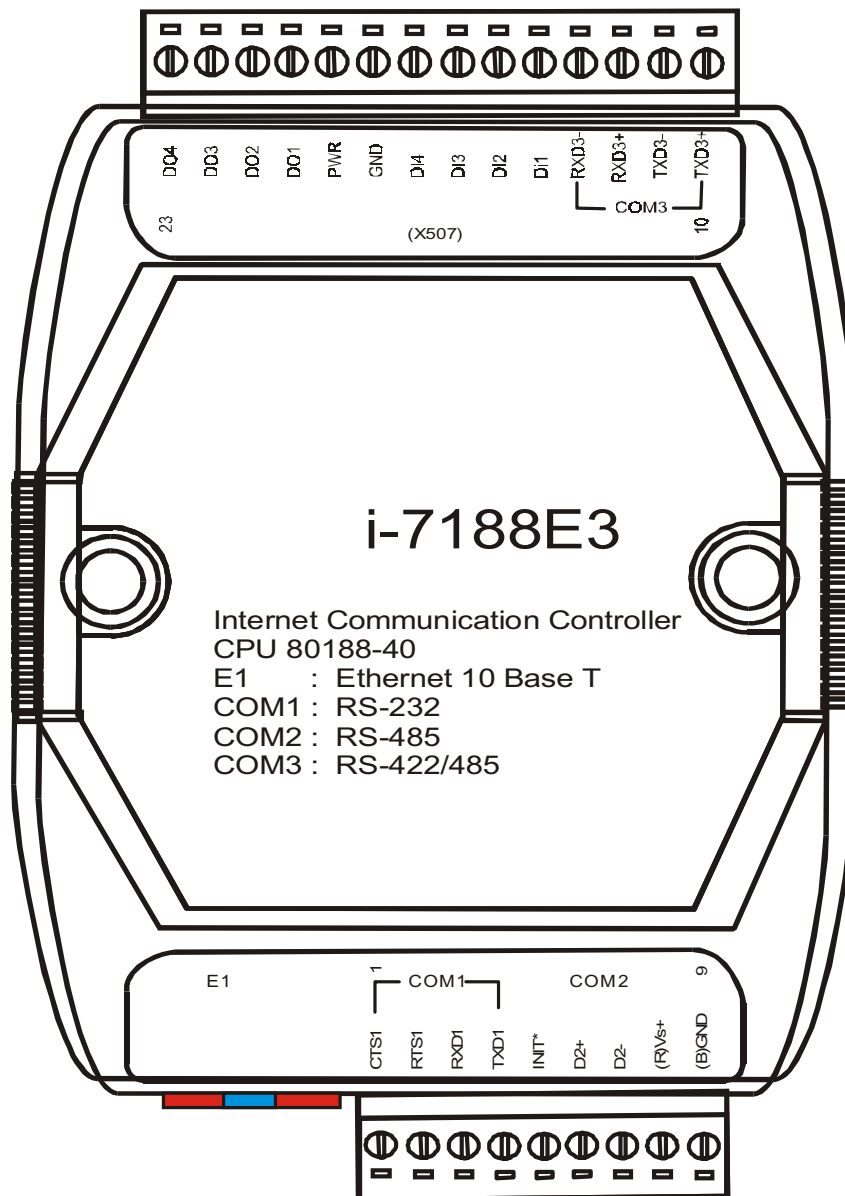

7188E3 Quick Start



Refer below files to get more information:

- 1 7188e\Document\[Readme.htm](#)
- 2 7188e\Document\[7188E_Quick_Start.pdf](#)
- 3 7188e\Document\[Introduction.pdf](#)
- 4 7188e\Document\[7188eh.pdf](#)
- 5 7188e\Tcp\Vxcomm\Doc\Big5 or Eng or Gb2312\[Vxcomm.htm](#)
- 6 7188e\Tcp\Xserver\[Xserver.htm](#)
- 7 7188e\Tcp\Xserver\[Function.htm](#)

1. Use 7188xw.exe to link 7188E3

Step 1: Run 7188xw.exe in host-PC to enter MiniOS7.

Step 2: Use DIR command to get the default shipping of 7188E3 as follows:

```
ICP_DAS MiniOS7 for I-7188e Ver. 1.00 build 014,Aug 15 2001 13:53:26
SRAM:256K, FLASH MEMORY:256K
Serial number= 5A 5A 5A 5A 5A 5A 5A 5A
i7188e>dir

 0)autoexec.bat 10/29/2001 22:29:01      13[0000D]C002:0000-C002:000D
 1)vxcomm.exe   10/23/2001 00:44:28  73674[11FCA]C004:000D-D201:0007
Total File number is 2  Free space=122825 bytes
i7188e>
```

The Xserver, VxComm.exe, is the standard firmware when the 7188E series is shipped. It can support **virtual COM & Ethernet I/O applications** without any modification.

Step 3: Use “**inp 0**” to read D/I of 7188E3 as follows:

```
i7188e>inp 0
port=0000 data=0F
```

← Access D/I of 7188E3 by MiniOS7

Step 4: Use “**outp 0 value**” to set D/O of 7188E3 as follows:

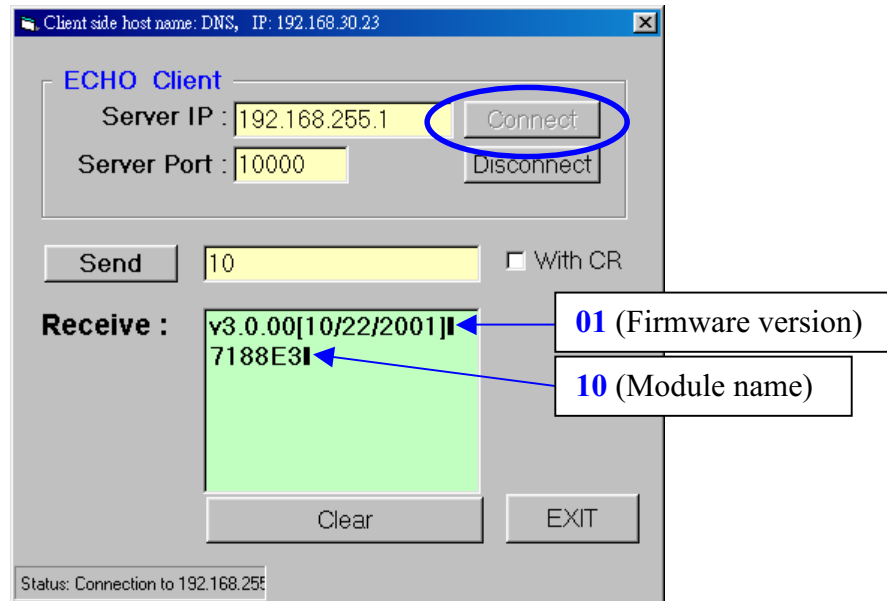
```
i7188e>outp 0 5
port=0000 data=05

i7188e>outp 0 a
port=0000 data=0A
```

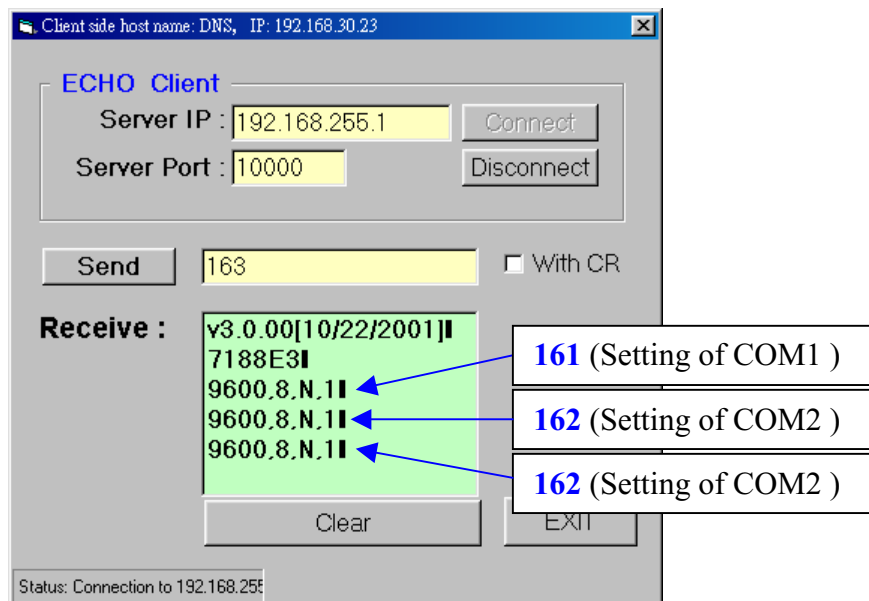
← Access D/O of 7188E3 by MiniOS7

2. Use Client4.exe to link 7188E3

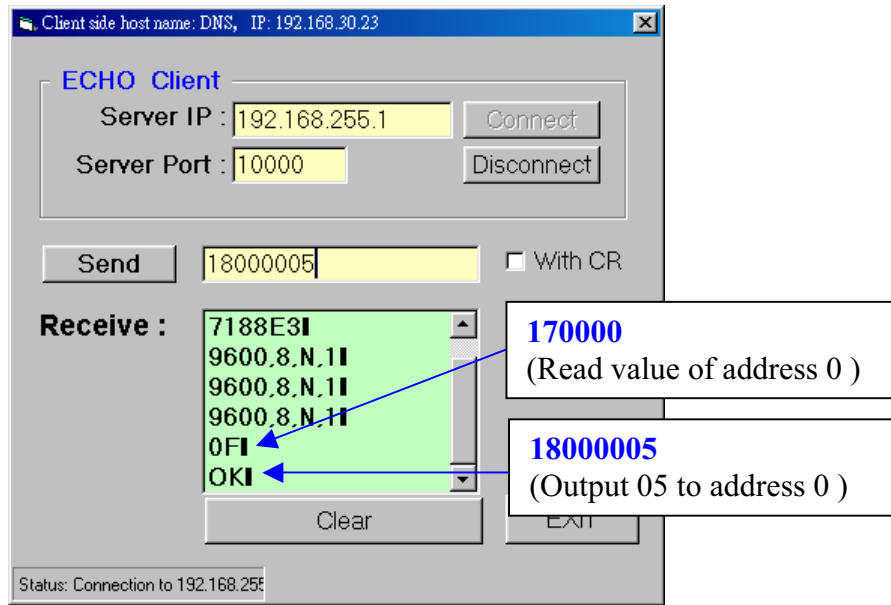
Step 1: Run 7188e\TCP\Xserver\Client\Vb5\Client4\Client4.exe in host-PC.
Press “**Connect**” button to connect to 7188E3.
Send command “**01**”, “**10**”.



Step 2: Send “161”, “162” and “163” to readout COM port setting.

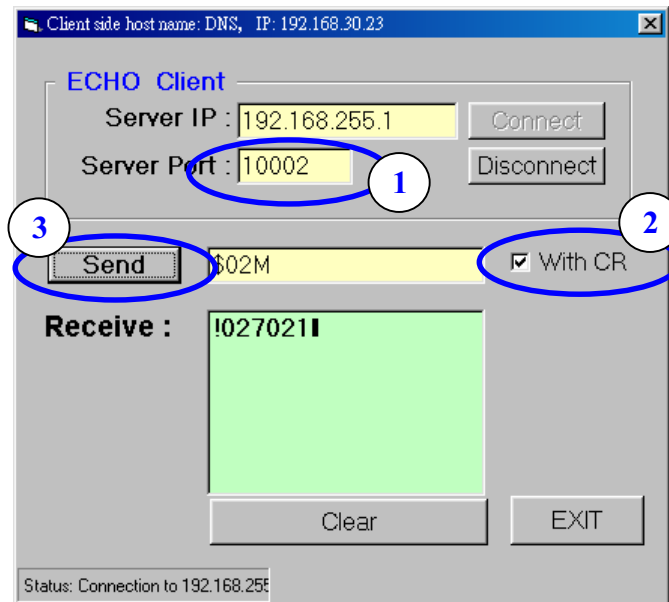


Step 3: Send “170000” and “18000005” to access D/I/O of 7188E3.



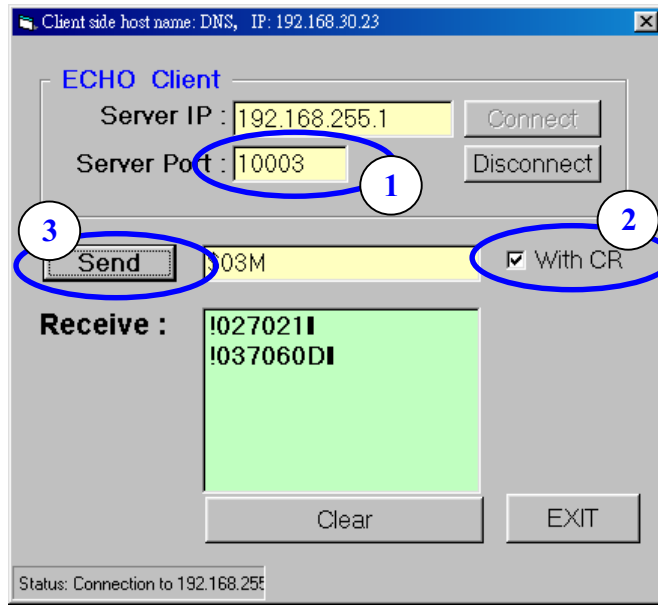
Step 4: Disconnect and then reconnect at port 10002.

Step 5: Select “**With CR**” and then send “**\$02M**” to read 7000 module’s ID which is connected to 7188E3’s COM2.



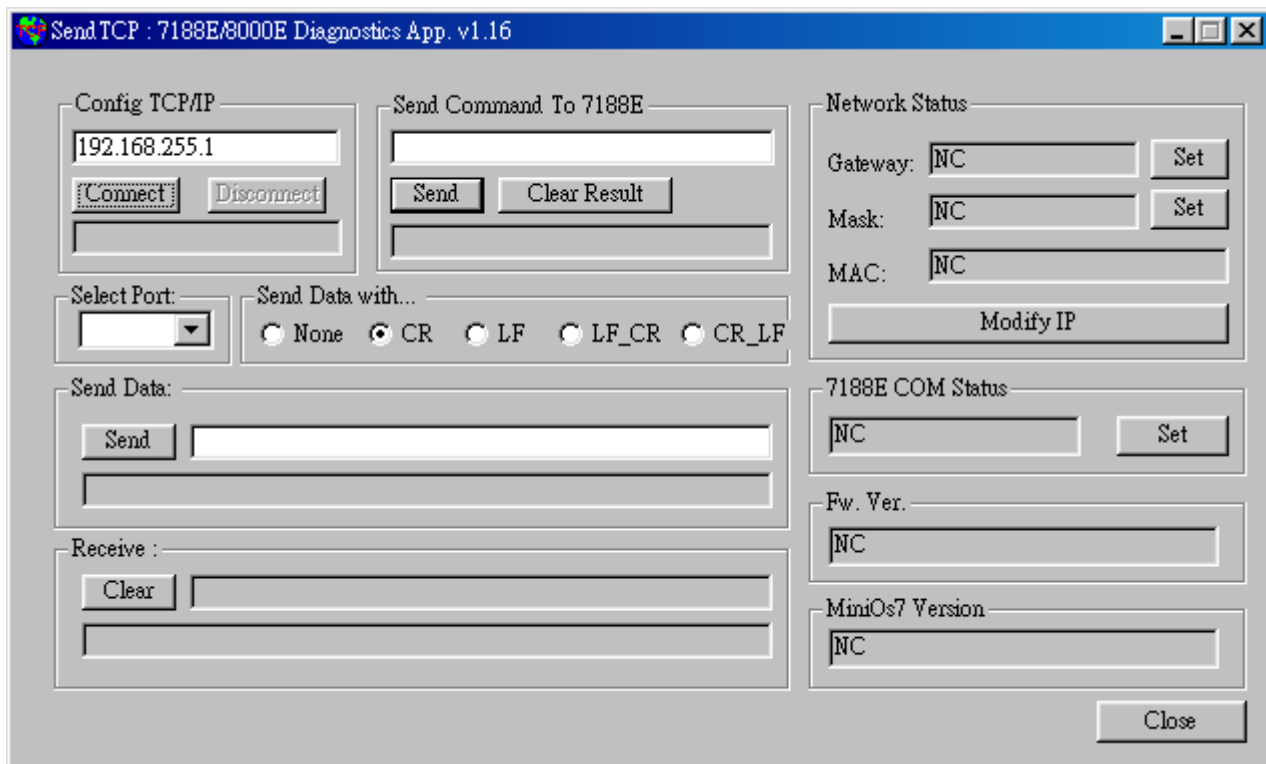
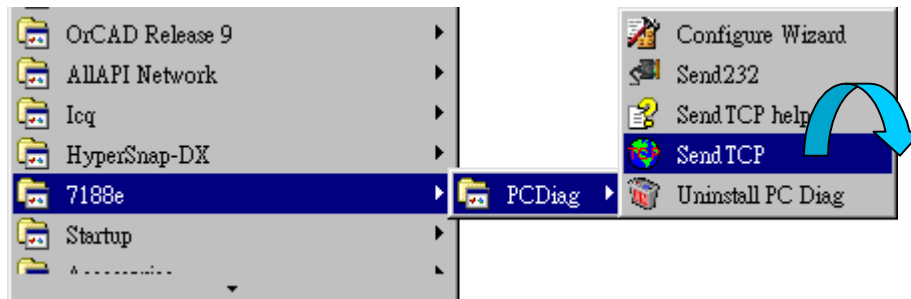
Step 6: Disconnect and then reconnect at port 10003.

Step 7: Select “**With CR**” and then send “**\$03M**” to read 7000 module’s ID which is connected to 7188E3’s COM3.

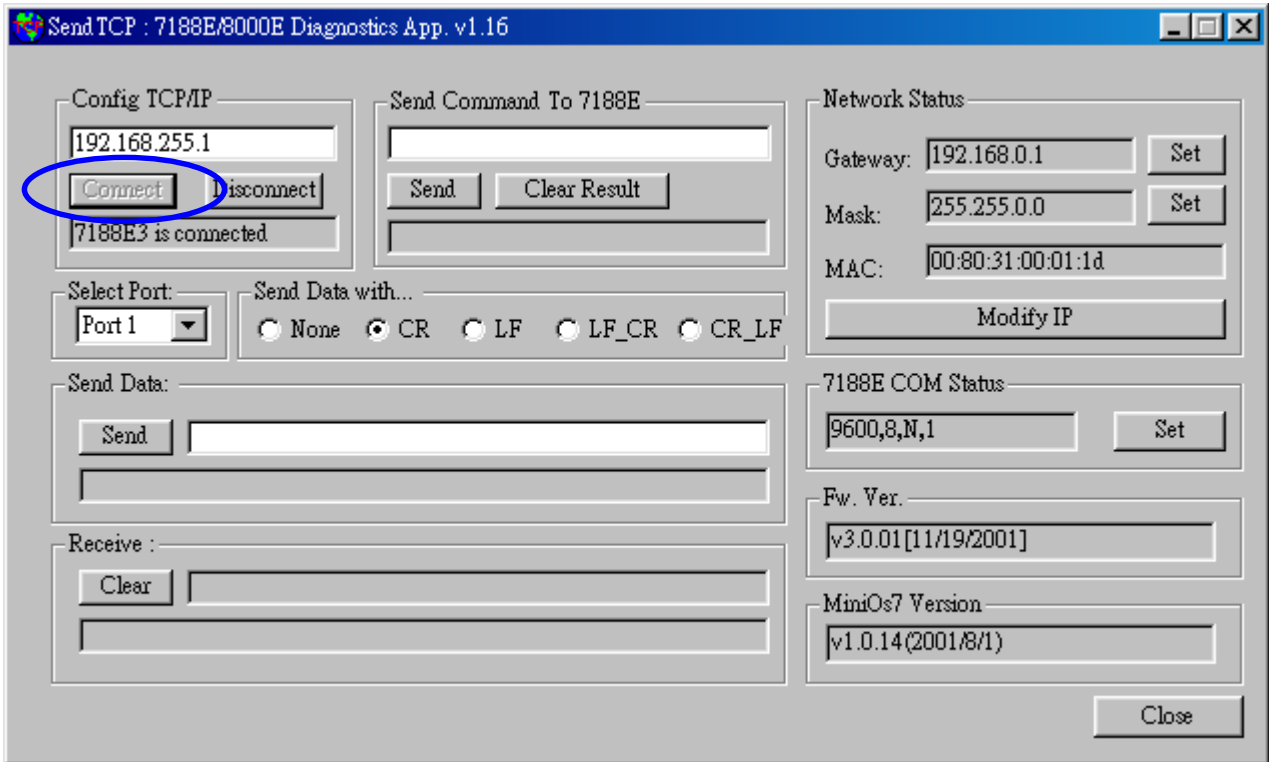


3. Use SendTCP to link 7188E3

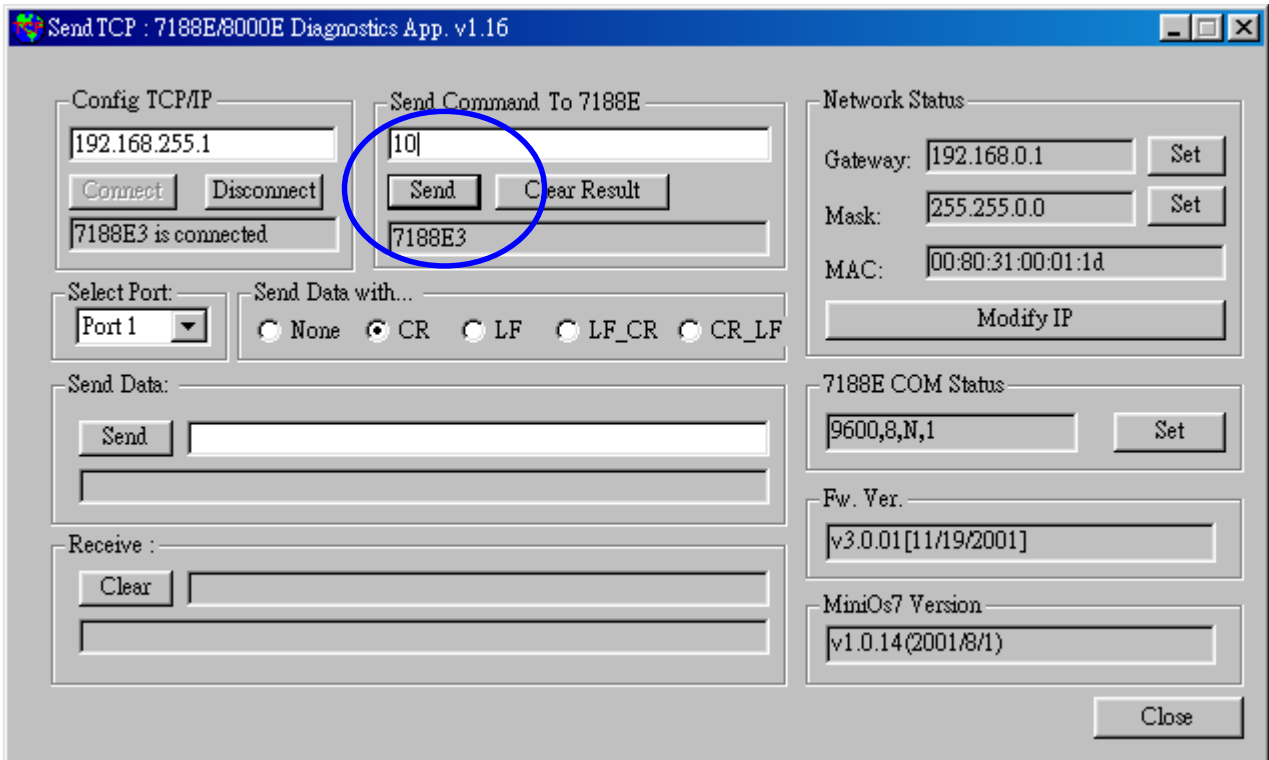
Step 1: Run SendTCP in host-PC.



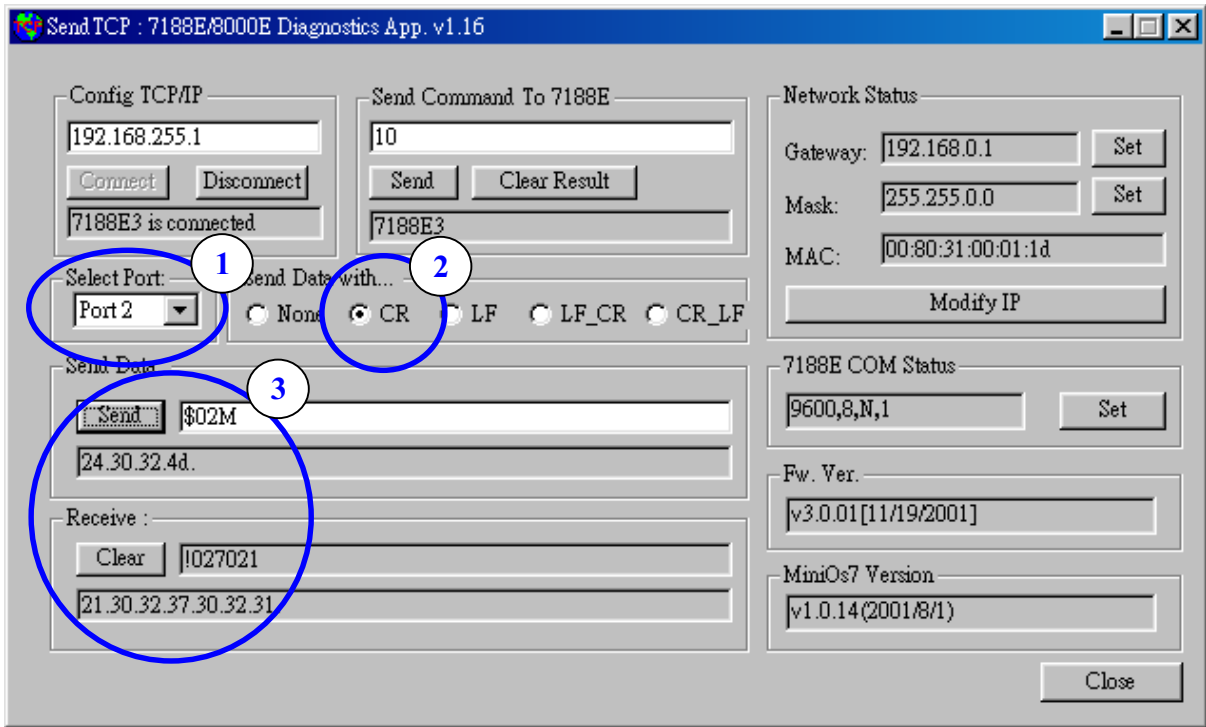
Step 2: Press “**Connect**” button to connect to 7188E3.



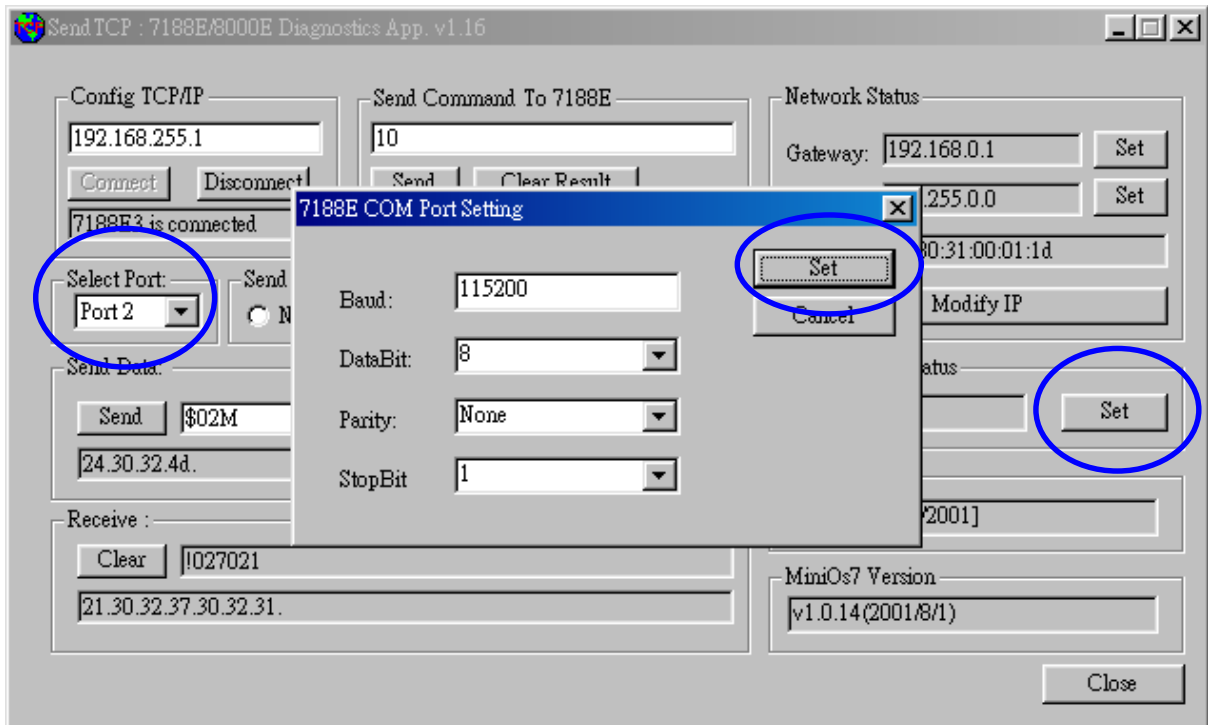
Step 3: Send command “**10**” to 7188E3.



Step 4: Select “**Port 2**” and “**CR**”. Then send “**\$02M**” to read 7000 module’s ID which is connected to 7188E3’s COM2.

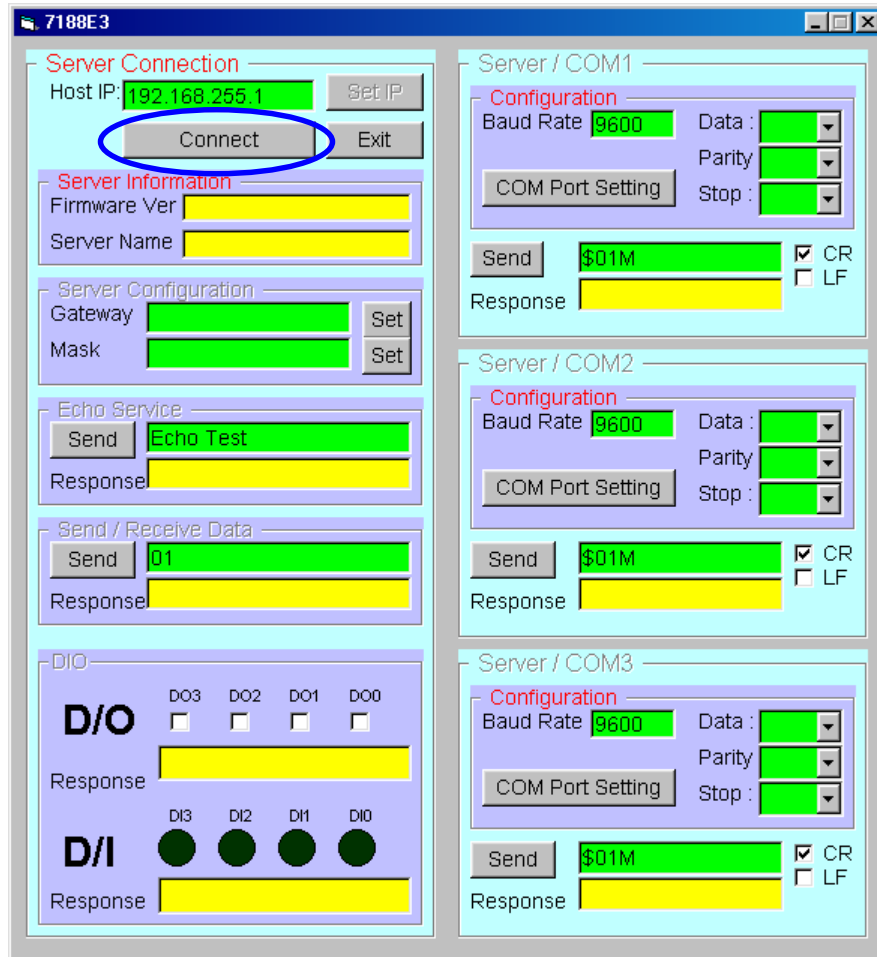


If you want to change 7188E’s COM ports settings, click “**Set**” to change them. The 7188E’s COM port that you want to configure is specified by “**Select Port**” combo list. Port 2 means you want deal with 7188E’s COM2.

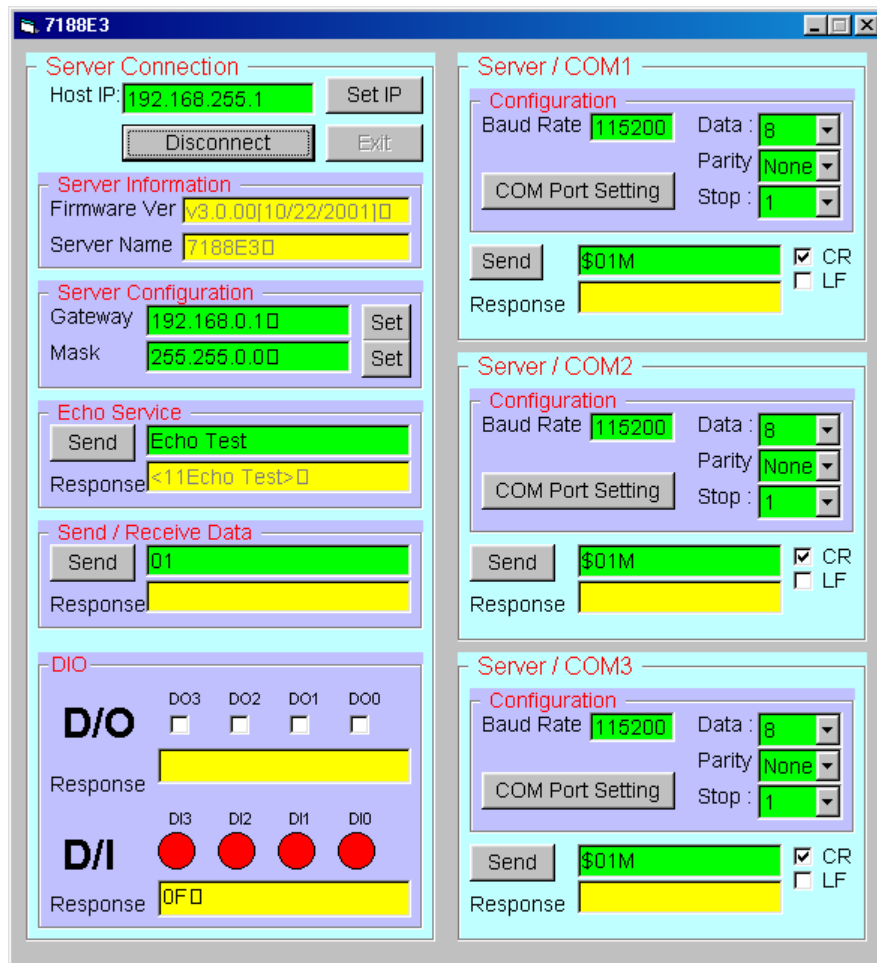


4. Use 7188E3.exe to link 7188E3

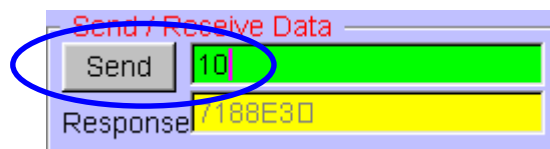
Step 1: Run 7188e\TCP\Xserver\7188E3\Vb5\7188E3.exe.



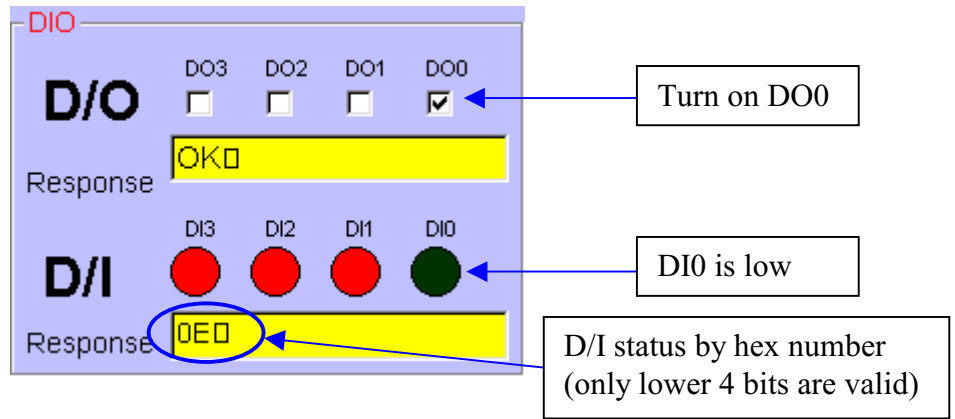
Step2: Press “**Connect**” button. Then the program will send command to readout relative information about 7188E3 and start to scan DI of 7188E3.



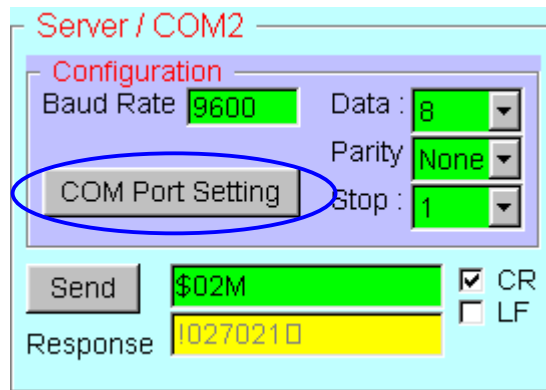
Step 3: Send “10” to readout the module name.



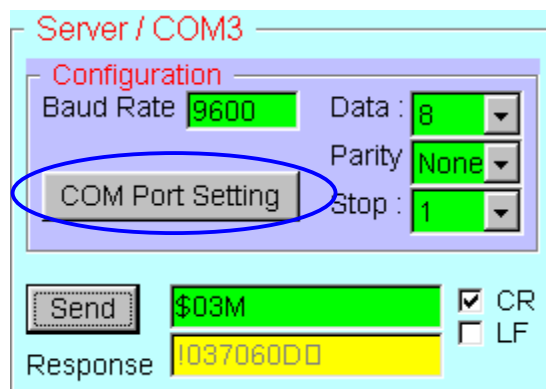
Step 4: Connect 7188E3’s DI0 and DO0 and then select check box to turn on D/O channel. 7188E3.exe will autoscan D/I status every 500 ms (determined in program code).



Step 5: Send "\$02M" to read 7000 module's ID which is connected to 7188E3's COM2.



Step 6: Send "\$03M" to read 7000 module's ID which is connected to 7188E3's COM3.



5. Modify Xserver

Step 1: Modify Xserver demos (for example: Demo6).

Step 2: Compile the project.

Step 3: Execute 7188xw.exe to link 7188E3.

Step 4: Delete all files in Flash memory.

```
i7188e>del /y
Total File number is 3, do you really want to delete(y/n)?
i7188e>dir
Total File number is 0 Free space=196576 bytes
i7188e>_
```

Step 5: Download autoexec.bat and .exe file (for example: Demo6.exe).

```
i7188e>load
File will save to C000:0000
StartAddr-->B000:FFFF
Press ALT_E to download file!
Input filename:autoexec.bat
Load file:autoexec.bat
Send file info. total 1 blocks
Block 1
Transfer time is: 0.056000 seconds
i7188e>_
```

```
i7188e>load
File will save to C002:000B
StartAddr-->C000:002A
Press ALT_E to download file!
Input filename:demo6.exe
Load file:demo6.exe
Send file info. total 270 blocks
Block 270
Transfer time is: 14.553000 seconds
i7188e>
```

Step 6: Connect 7188E3's DI0 to GND and then restart 7188E3 to run new Xserver.

Step 7: Run client program in host PC (for example: 7188E3.exe). The command protocol between client program and Xserver dependant on user-defined. Send command to 7188E3 to test new user-defined command in Xserver (for example:

19i address → Read input value from address of 7188E3

19o address value → Output value to address of 7188E3).

