

Quick install guide for I-7188E2 Ethernet to Serial Converter module

1. Connect one I-7188E2 module directly to your PC using a crossover Ethernet cable.
2. Connect the Datascan 24VDC Power Supply to ®+Vs and (B)GND terminals.
3. Connect the small serial cable supplied with the module to COM1 (RS232).
4. RX to RXD1 and TX to TXD1. The GND connection from this cable should go to the (B)GND terminal, along with the negative terminal (-) of the PSU.
5. Power up the I-7188E2 module using the Datascan 24VDC Power supply.
6. Insert the Measurement Systems CD into the PC and close the auto-boot screen, which automatically opens.
7. Select Start – Run.. and then look through the CD and select the 7188E2\VxComm\driver(pc)\2k directory. Then Run the VxComm2k_v2 executable file. Please note this driver supports Win ‘2000 and ‘XP Operating Systems.
8. After the installation of this driver. Select Start – Programs – 7188E2 - VxComm2k and then open the SendTcp program.
9. At this stage you need to make sure your PC’s Local Area Connection – Internet Protocol Properties (TCP/IP) are set to “Use the following IP address” IP Address: - 192.168.255.0 and the Subnet Mask: - 255.255.0.0
10. Back to the SendTcp program, enter the IP address of the new I-7188E2 in the “IP and TCP Command Port” window: - 192.168.255.1 and then select connect.
11. You should get a connection response back from the unit. If the unit is not communicating correctly, you will get a timeout error.
12. Once connection has been made, you can select the “Modify IP” ICON and enter a new IP address. You will then need to re-cycle the power on the S-7188E2 module, before the new address is recognised.
13. After setting your PC’s IP address to something similar to the new address, you can then test the connection to the module again, by typing the new IP address in the SendTCP program.
14. The Gateway and Mask addresses can also be changed in the same way.
15. Select Start – Programs – 7188E2 -VxComm2k and then open the VxComm Utility program.
16. You can delete the server that’s already available i.e. it’s probably 195.12.14.165. Enter your new IP address and select the “Add Server” ICON.
17. You will then need to double click each port in turn (Port I/O, Port 1 and Port 2) and select a COM port for each one in sequence. For example COM 6,7 and 8.
18. It is then Port1 Com7 that you can use for the Datascan serial connection. Using the 9w plug-to-plug cables supplied, connect one between the Datascan 7220 module’s serial port and the 9w socket on the I-7188E2’s serial cable.
19. You can obviously move these units on to a LAN once they have been configured, using a straight Ethernet cable.