

Digi One Sp

(Installation Instructions)

“*Ethernet Serial Converter*”

Including:

Digi Device Setup Wizard (Included CD software)

Setting up Termode Version 4.05.00

Setting up Codesoft Driver Version 11.10.5

Supplied by:

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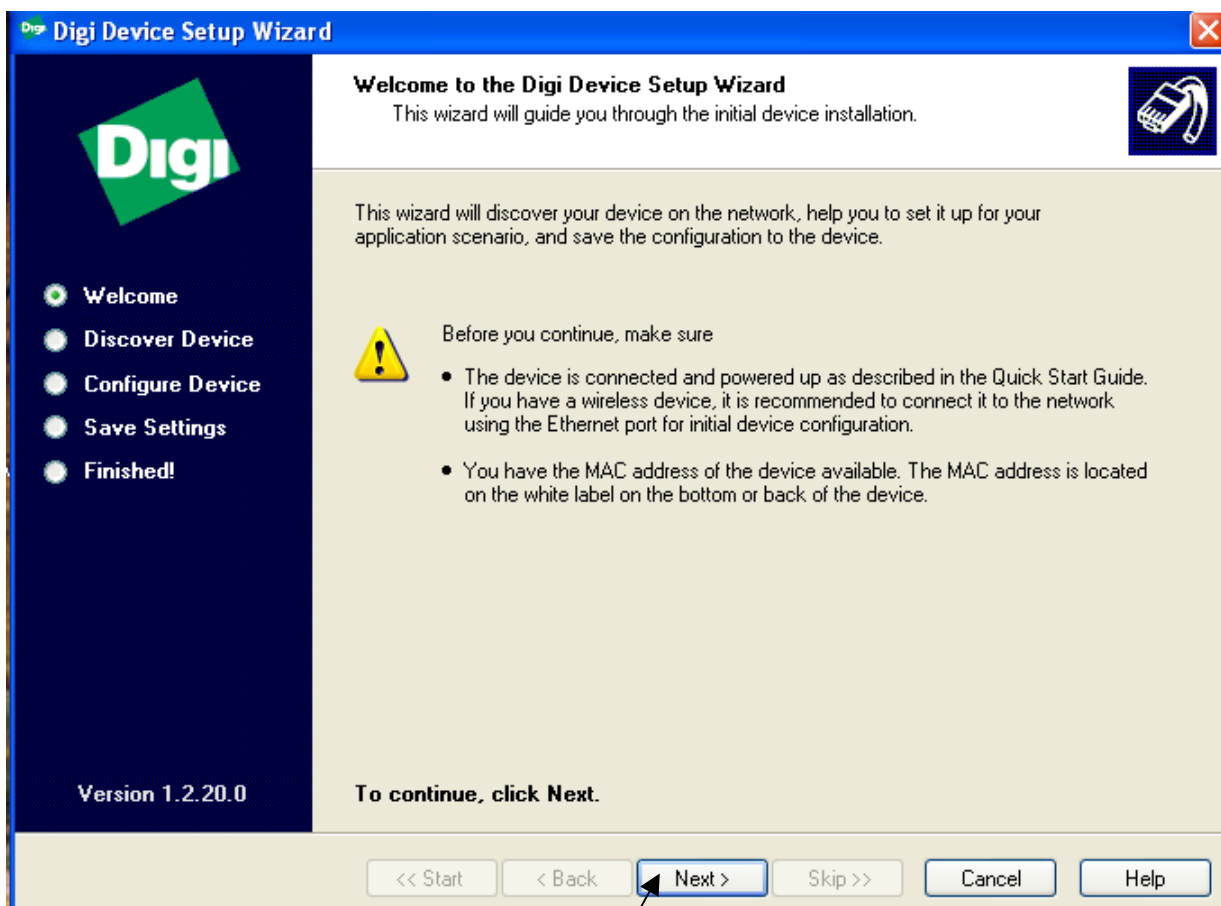
Digi Device Setup Wizard

1. Before connecting to the Ethernet or the Power supply, ensure the dip switches are set as shown below:



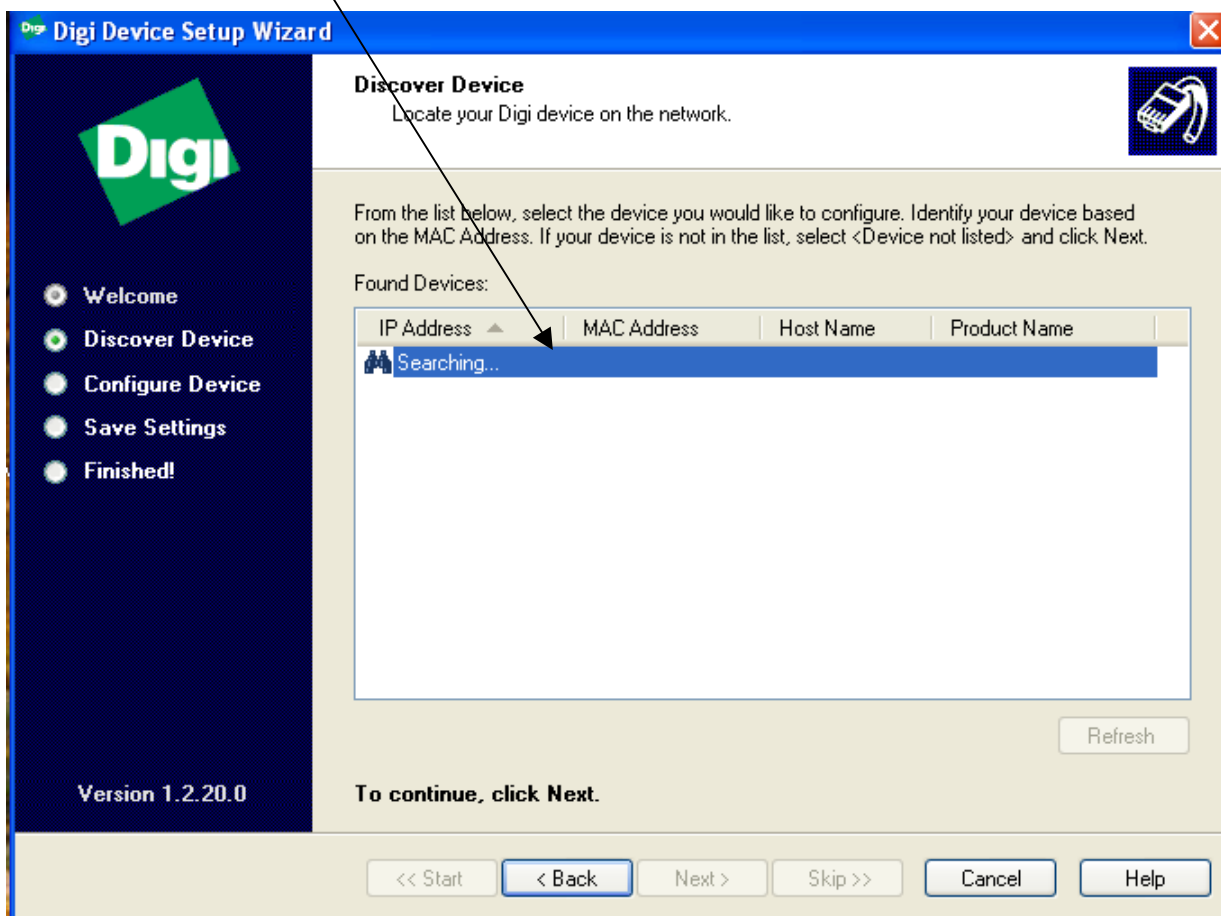
2. Connect the Ethernet cable, from your network to the Digi Device.
3. Connect the Power supply to the Digi Device and switch on.
4. Utilising the “[Software & Documentation CD](#)” supplied, the CD automatically loads the Digi Device setup as the screen shown below.

(follow instructions given on the screen)

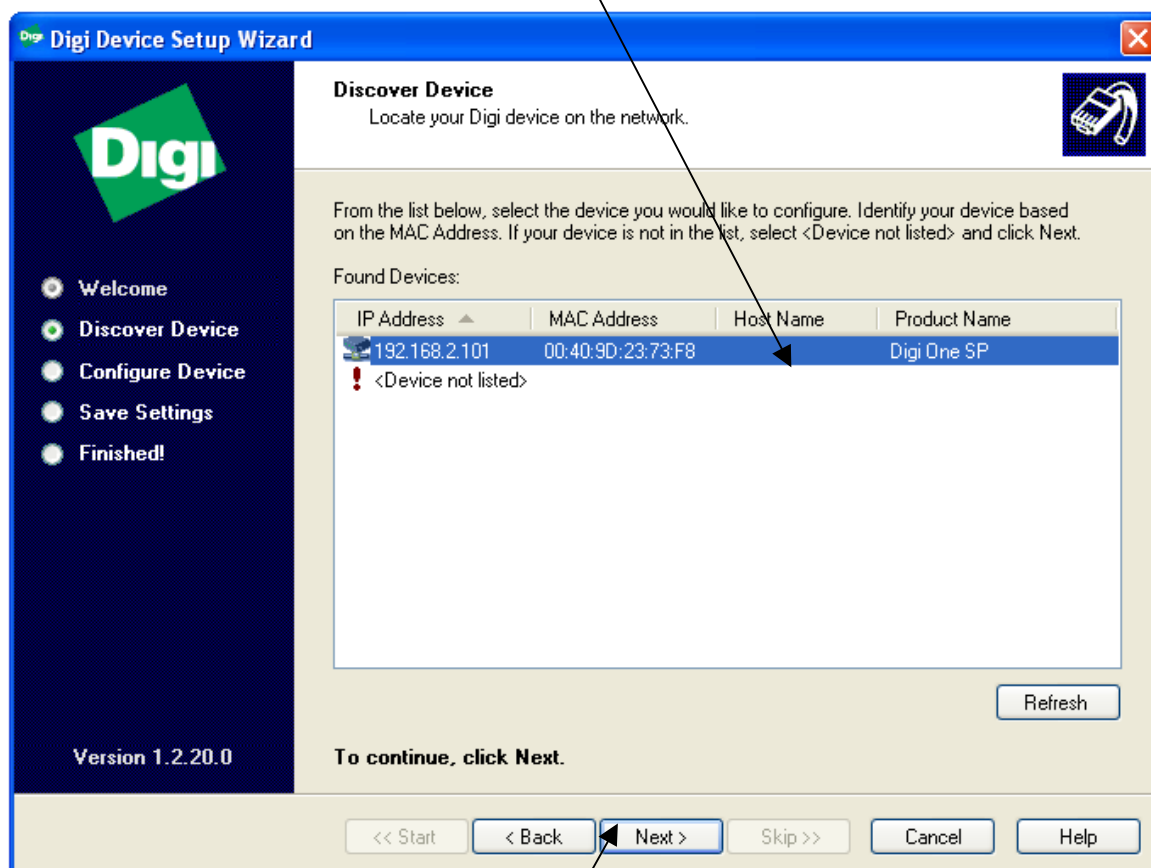


5. Click on “Next”

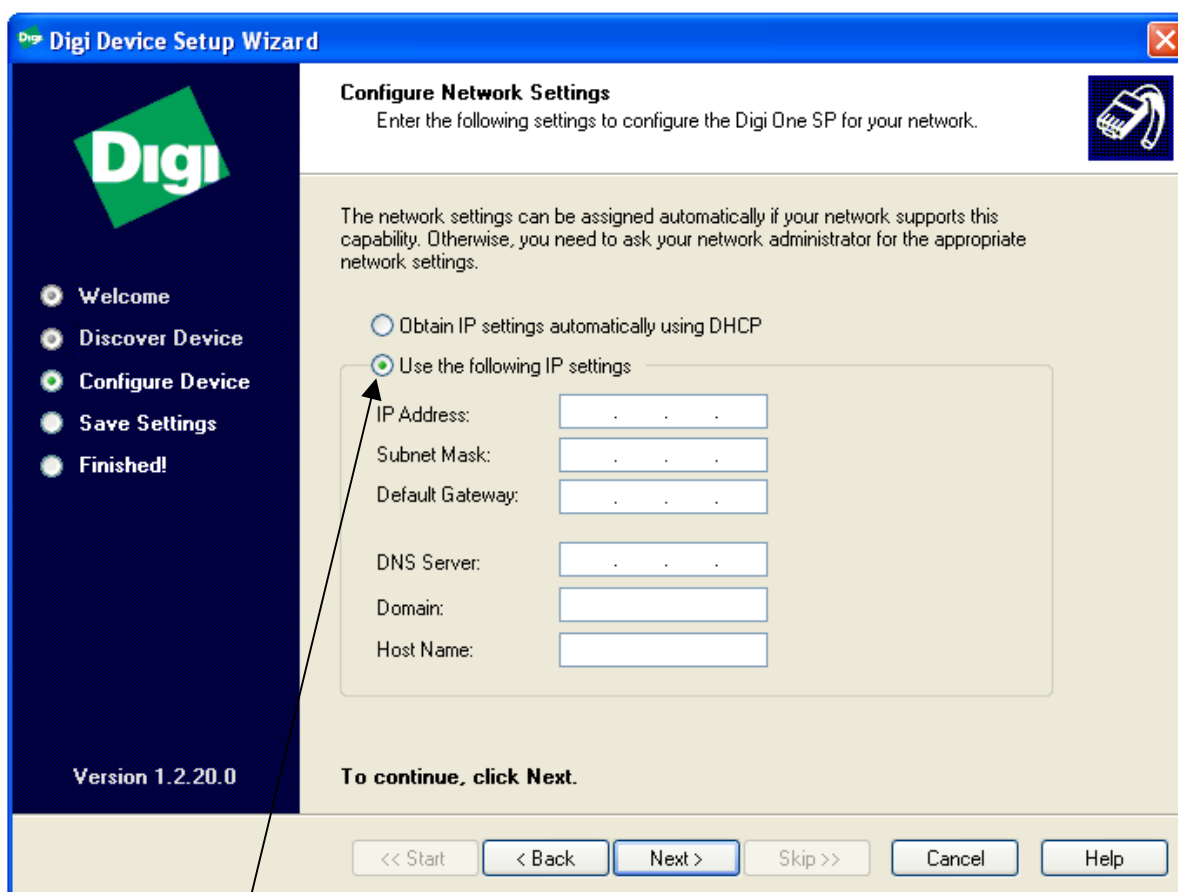
The software searches for the device



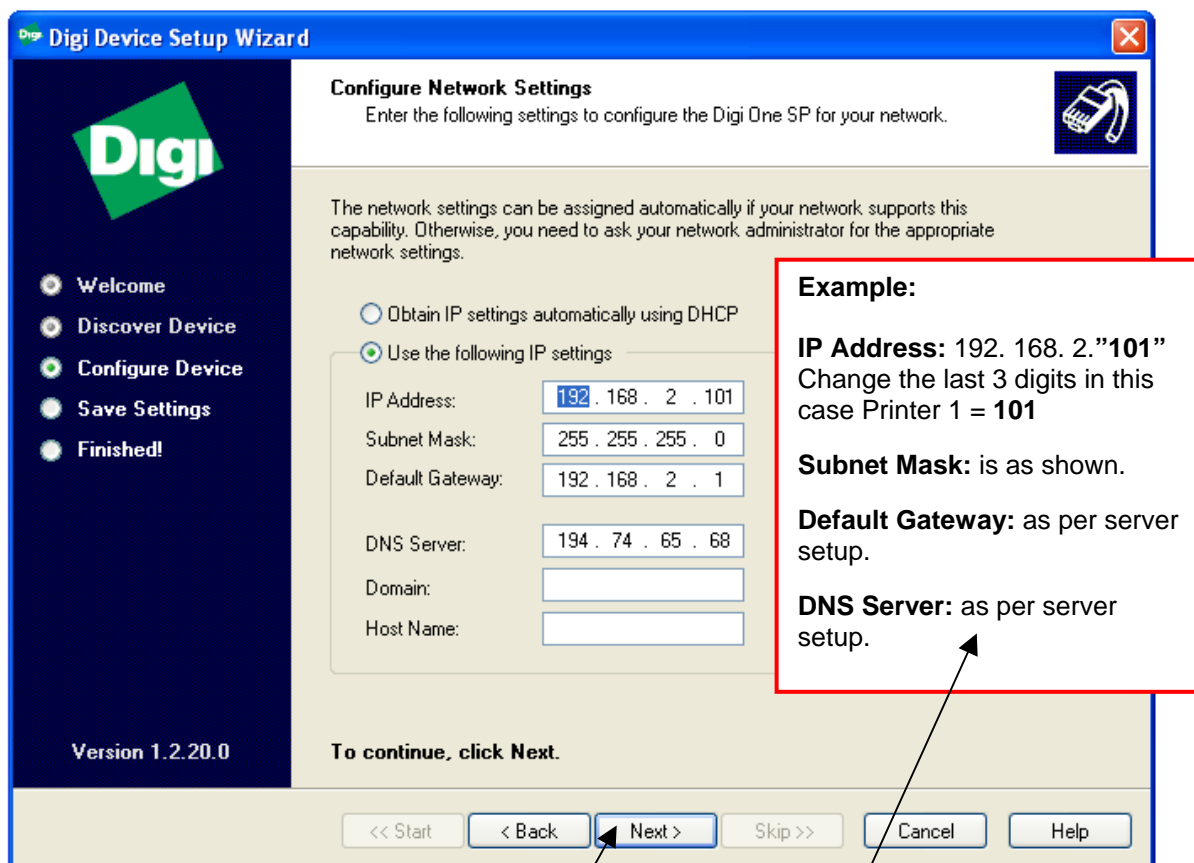
A new screen will appear, This has carried out the automatic search.



6. Click on "Next "

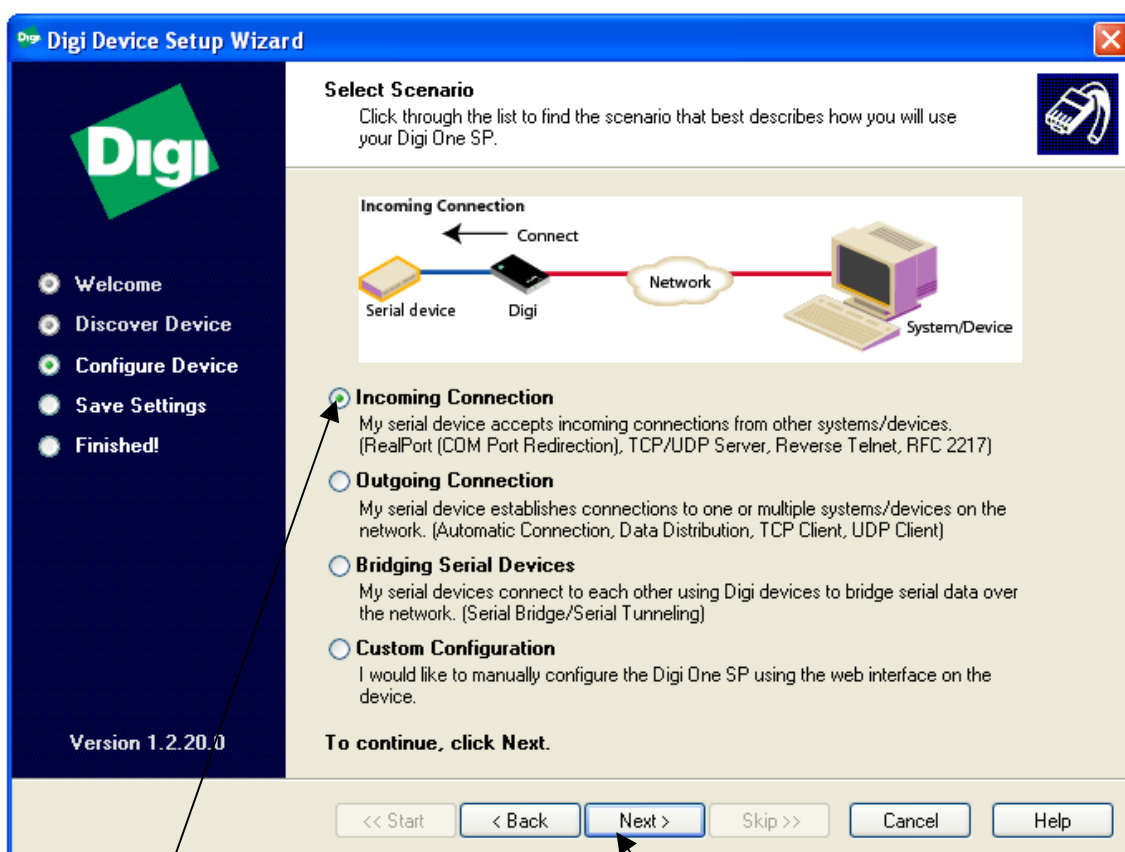


7. Click on “Use the following IP settings”.

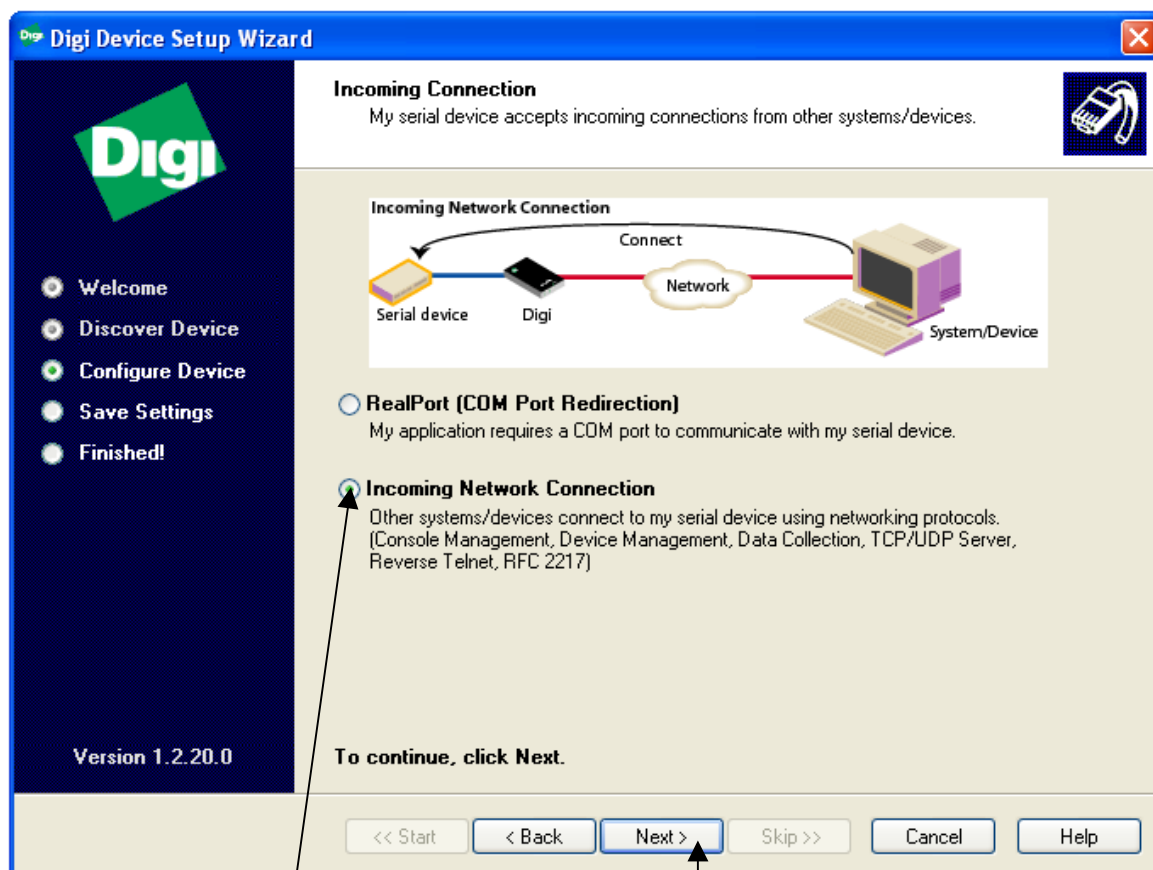


8. Enter the “IP” settings, example shown

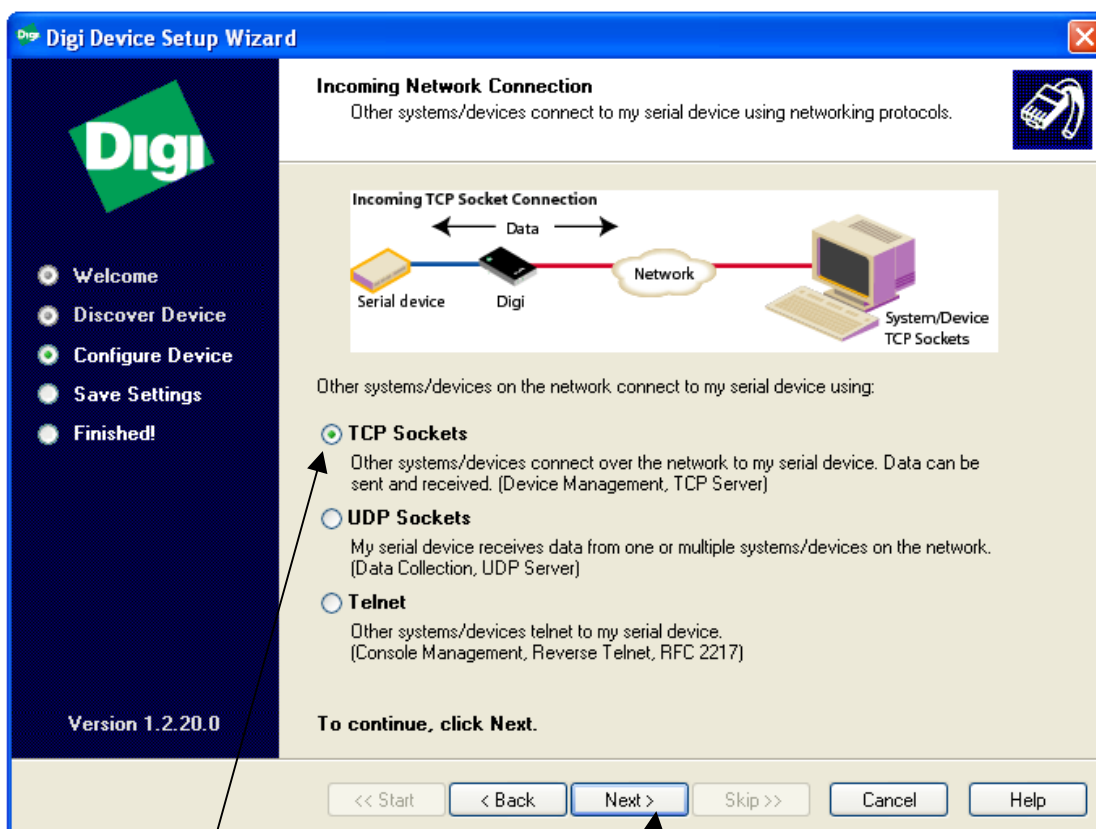
9. On completion click on “Next ”



10. Click on "Incoming Connection". 11. Then click on "Next "

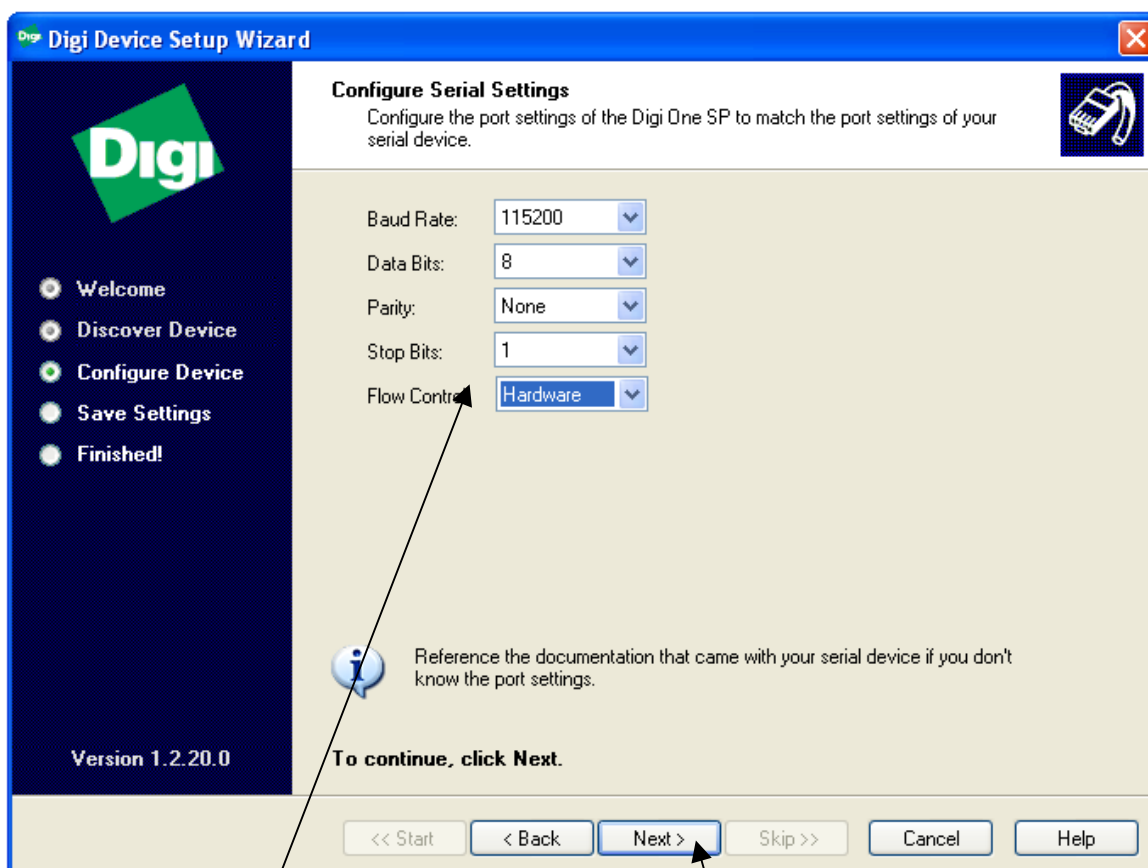


12. Click on "Incoming Network Connection" 13. Then click "Next "



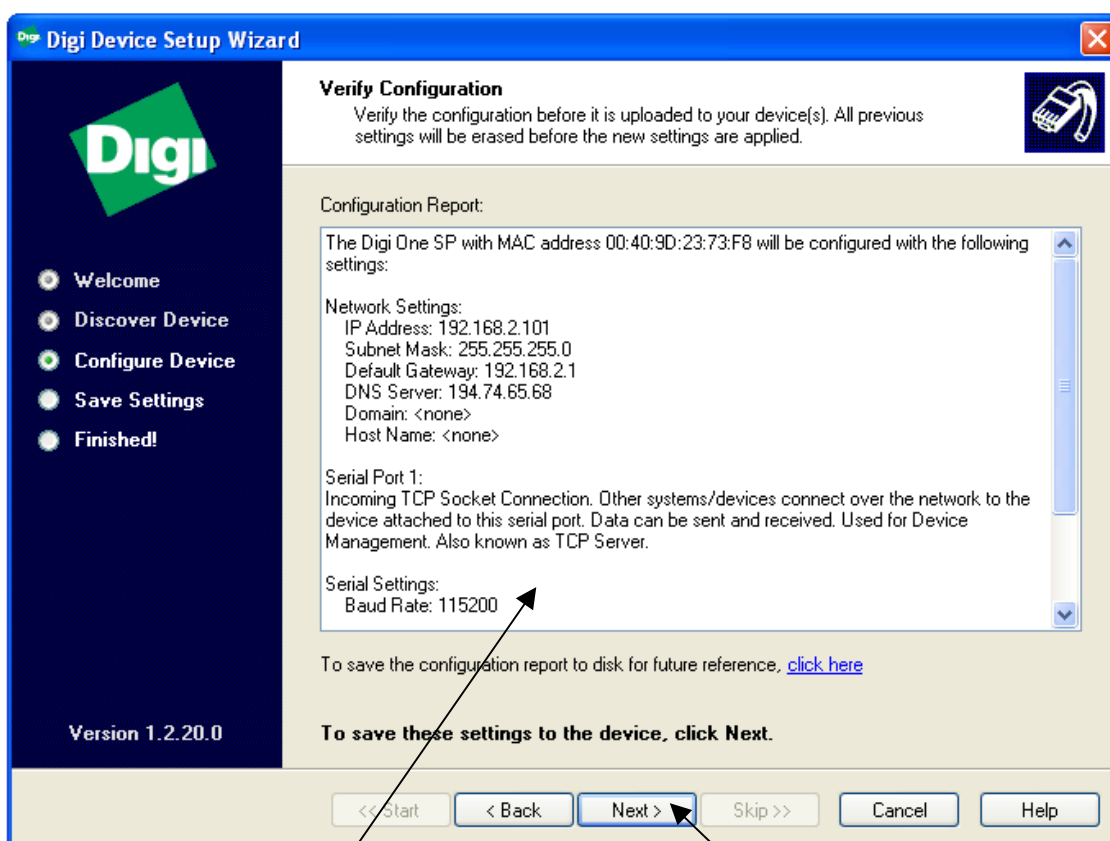
15. Click on "TCP Sockets"

16. Then click on "Next "



17. Configure the "Serial settings" as shown

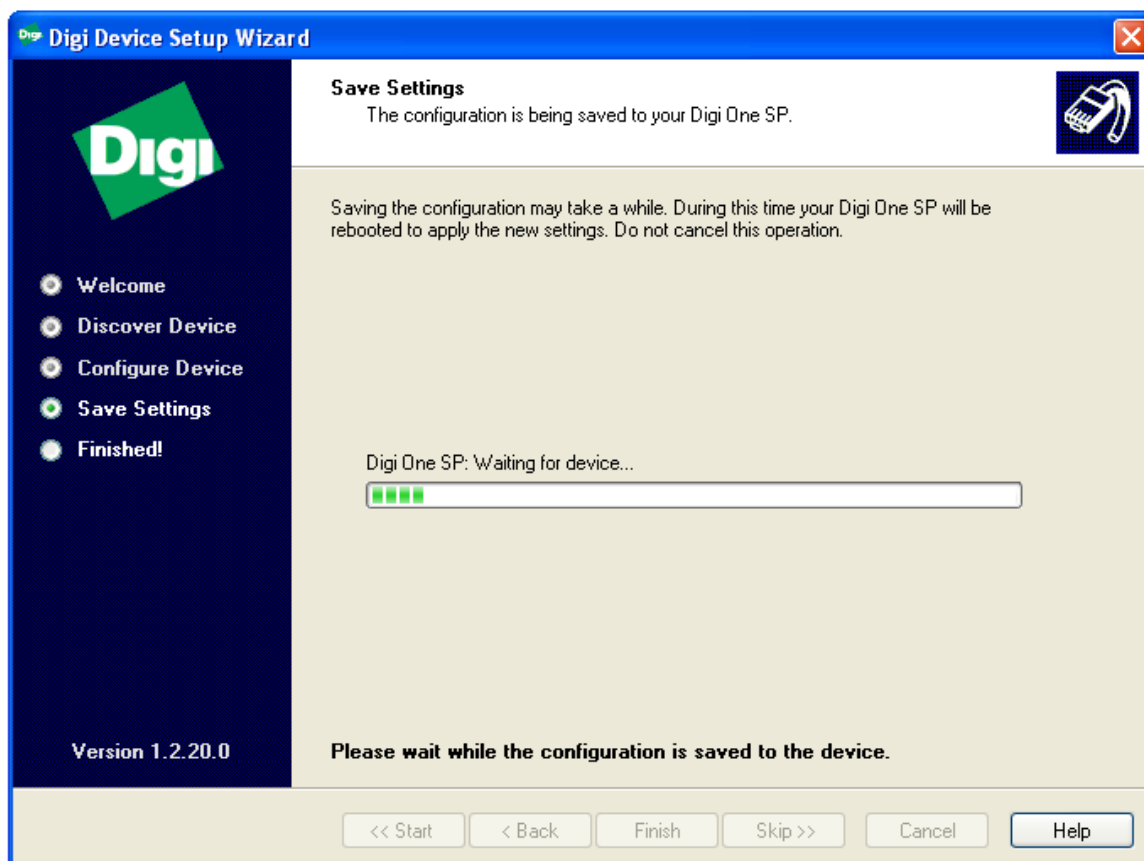
18. Click on "Next "



19. Check the “**Configuration Report**” is correct.

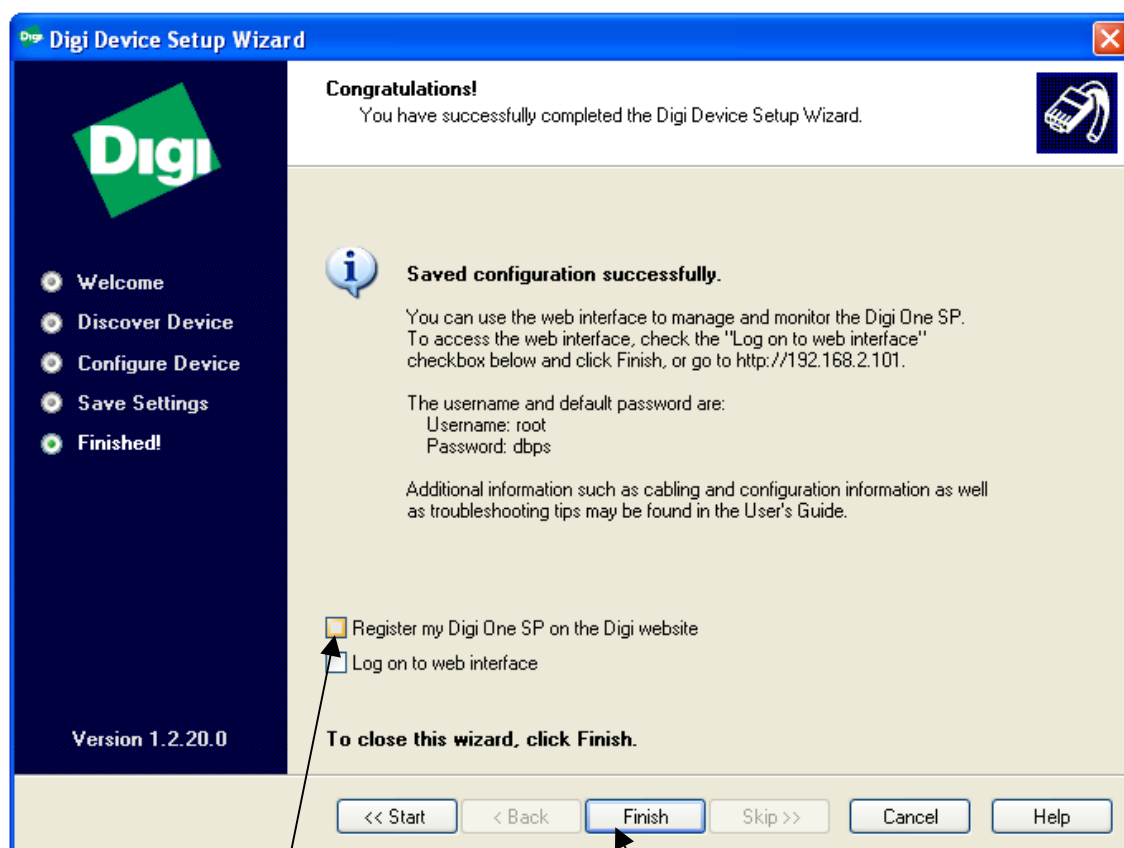
(I would advise you to save the configuration report)

20. Then click on “**Next**”



The Software is writing to the device.

22. After completion click on “**Finish**”



23. Uncheck the “Register box”.

Let your Customer Register later.

24. Click on “Finish”

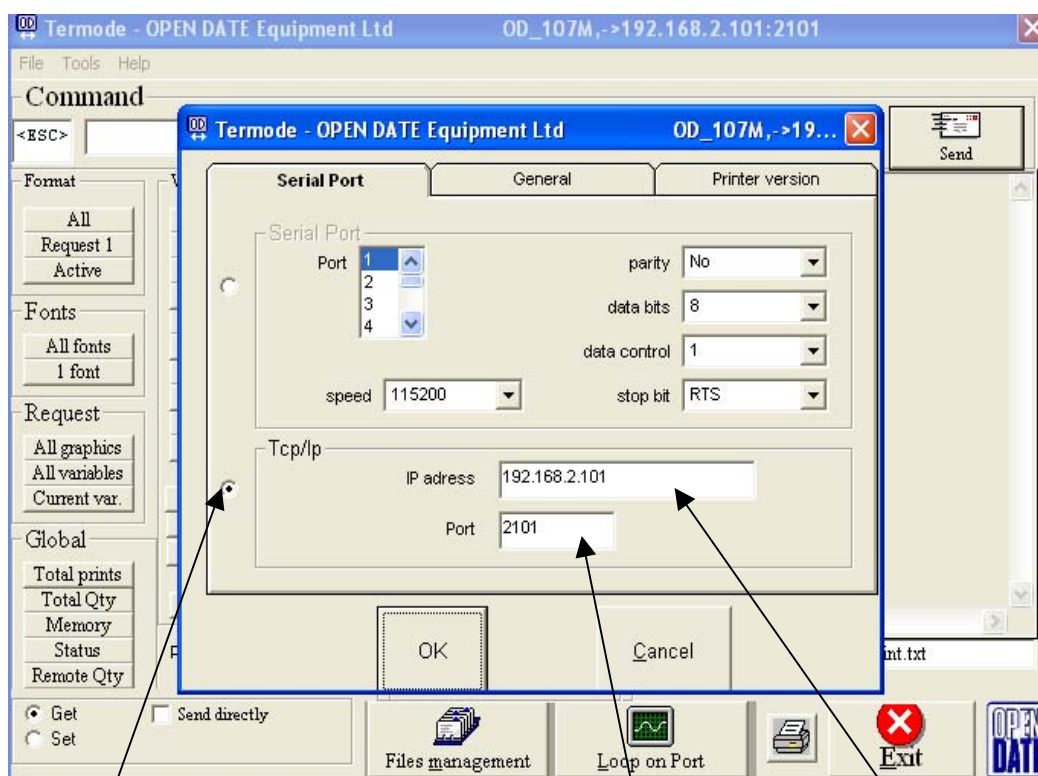
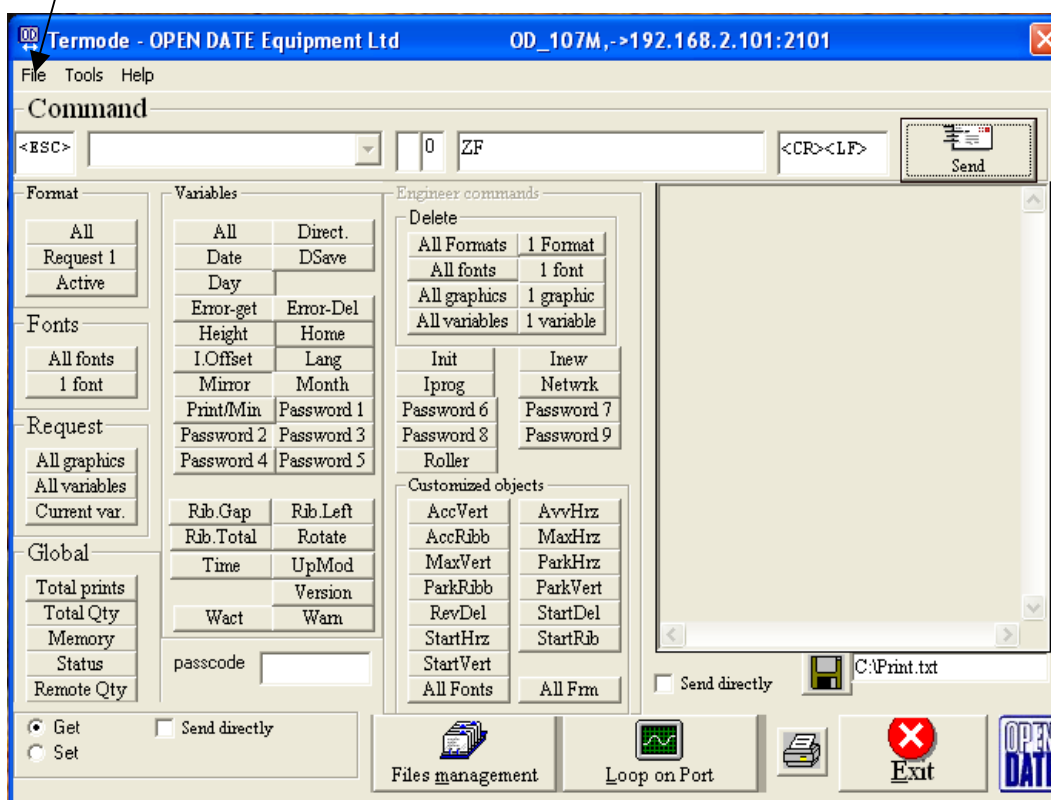


The CD has a very good and Comprehensive Documentation.

25. Click “EXIT” on completion.

Termode Version 4 000.000 (Setting up TCP/IP Printers)

26. Click on **"File"** then on **"Settings"**



27. Click on **"Tcp / Ip"**

28. Enter the Port Number **"2101"**

29. Enter the **"Ip address"**

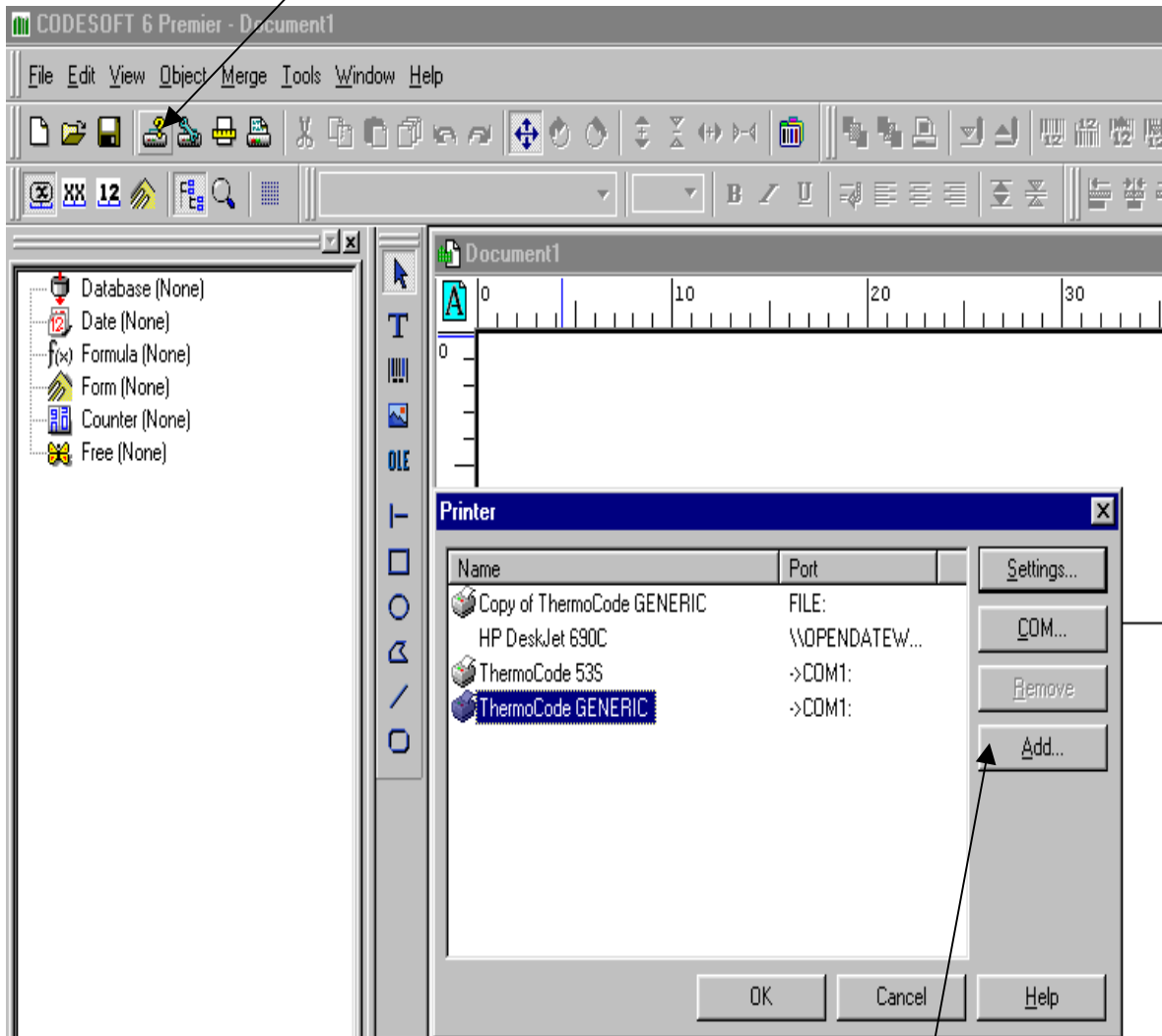
30. Click on **"OK"** to save settings

Note! You can now use **"Termode"** to check the device is working properly, once you have connected a thermal printer to the serial port. (Standard Communications Lead) [Part No. LEA 755021](#)

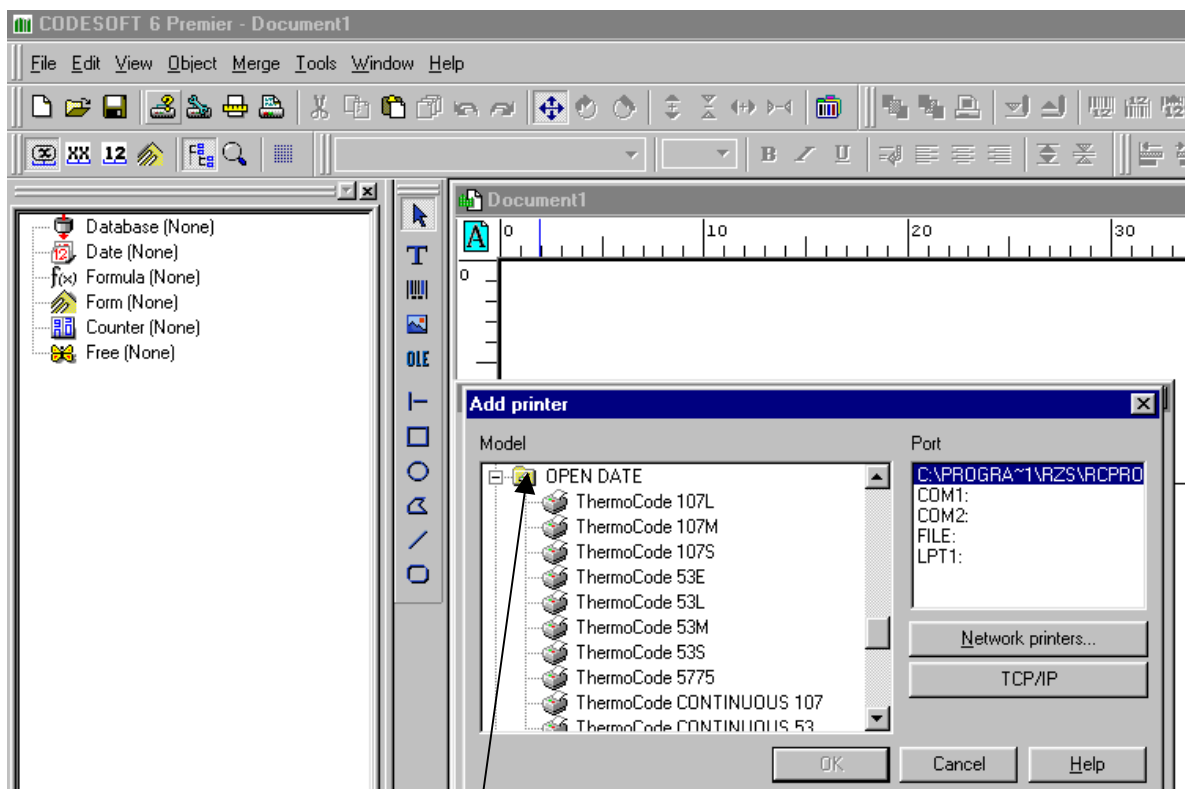
Codesoft 6 Premier (version 6.10)

“Installing TCP/IP Thermocode Printers”

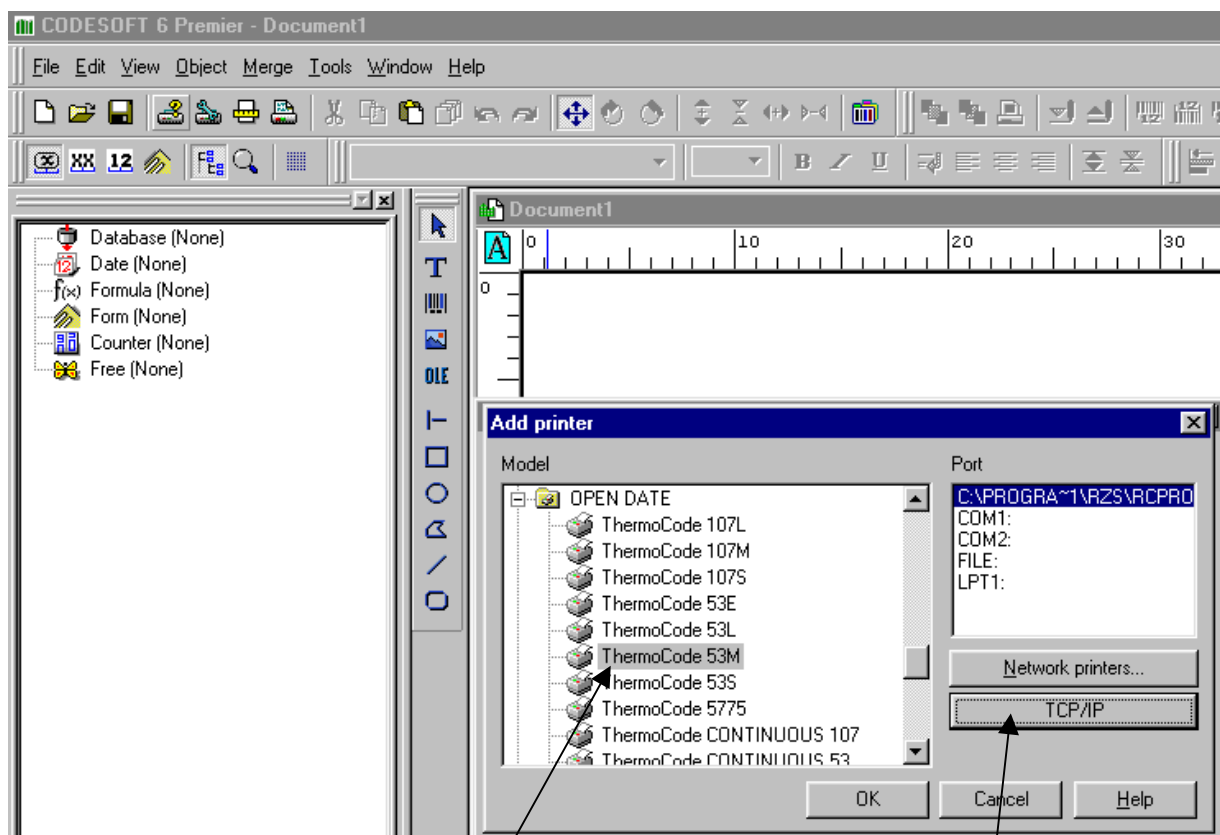
31. Upgrade Codesoft 6 Premier with the latest printer driver ([Pod.prn](#) Version 11.10.0.3) which supports TCP/IP printer driver settings.
32. Setup each Printer required on a network, to have a unique individual IP address.
33. Follow the instructions below, setting up each individual printer:-
34. Select **“Printer Settings”**



35. Click on **“Add”**

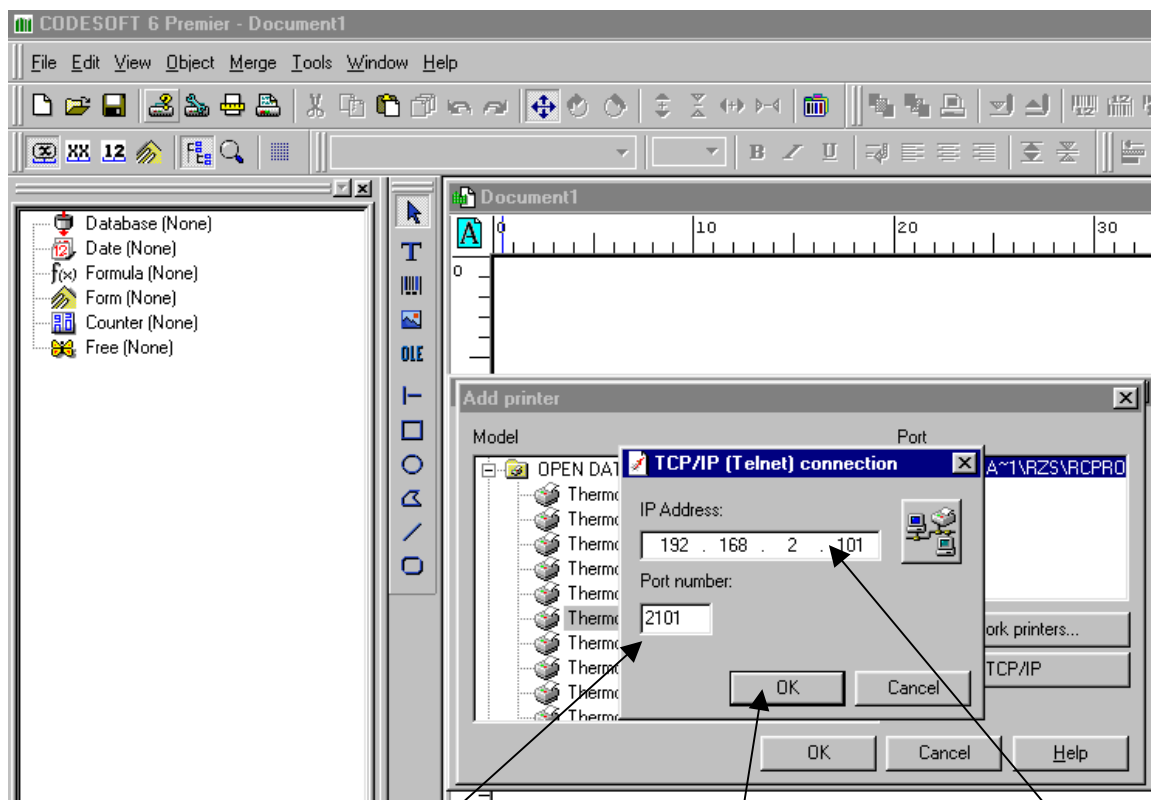


36. Select "OPEN DATE" directory



36. Select "ThermoCode 53M"

37. Select "TCP/IP"

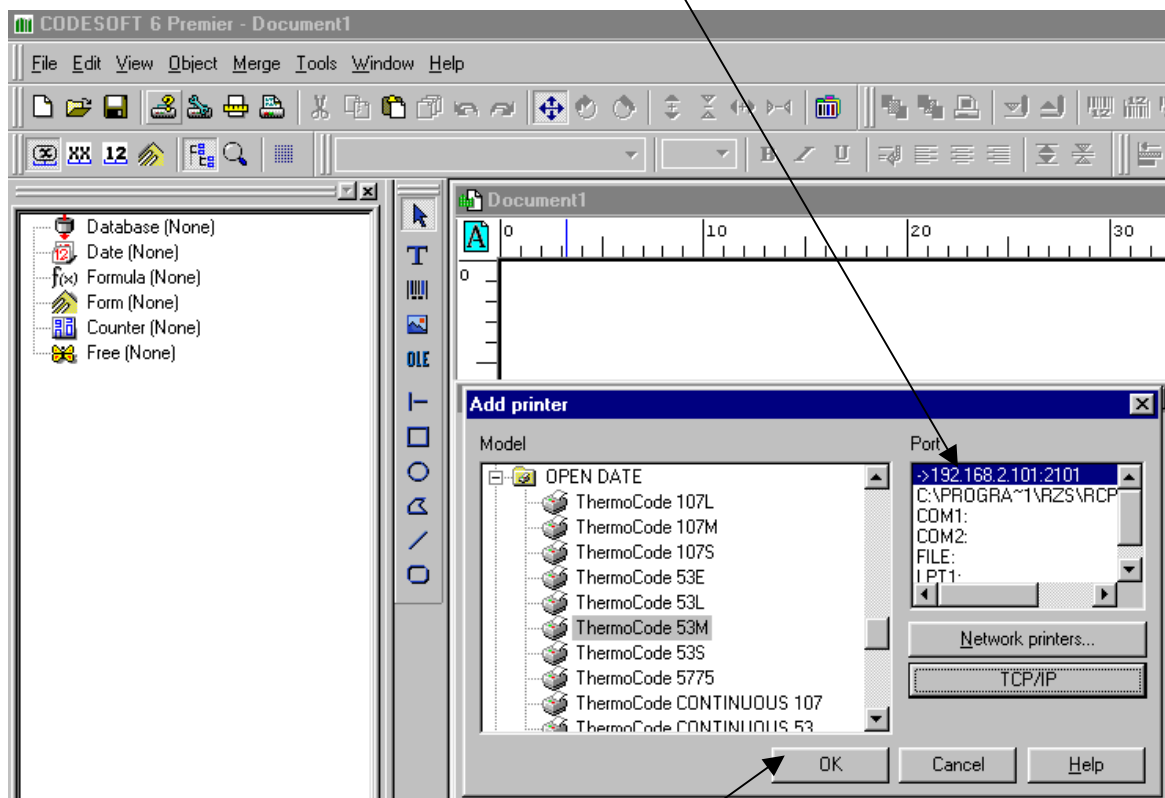


38. Input Port number "2101"

40. Click on "OK"

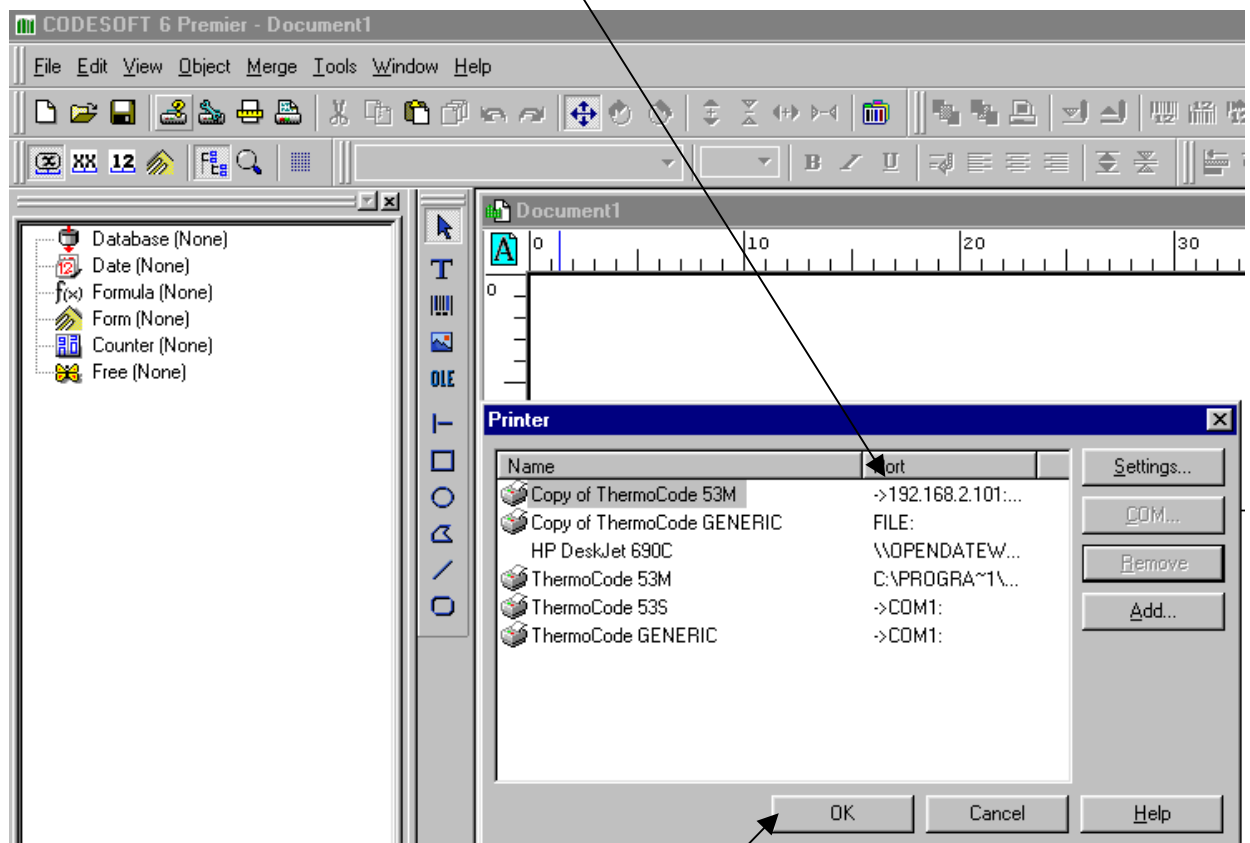
39. Input "IP Address"

"This shows the IP Address and Port number that has been saved"



41. Click on "OK"

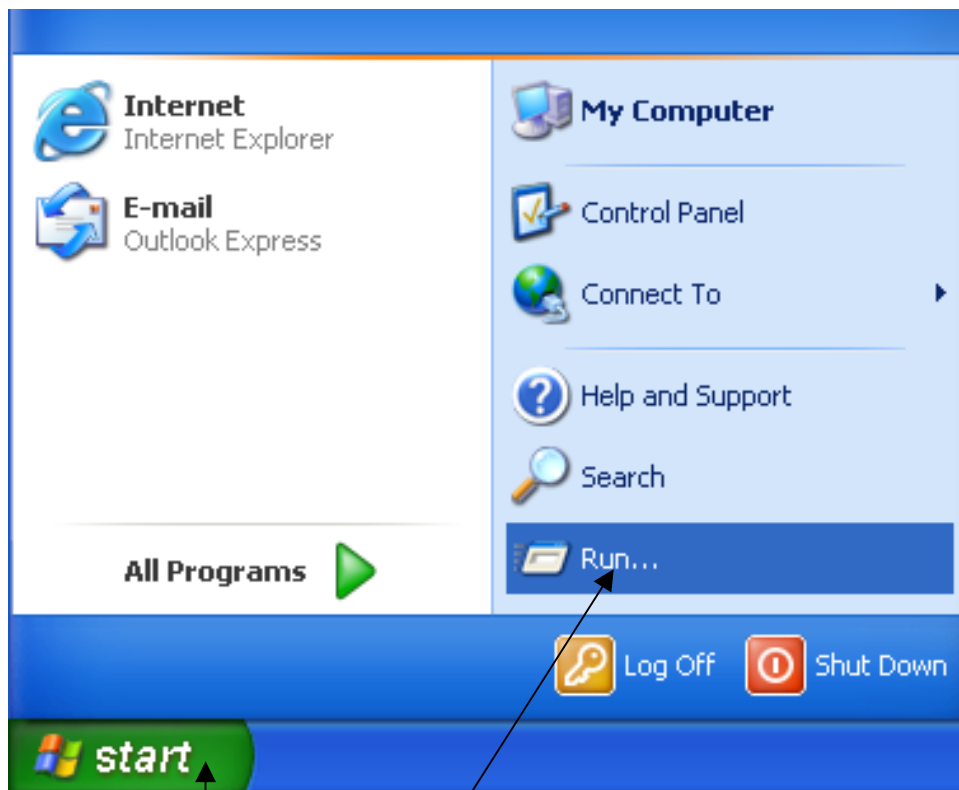
"This shows the IP Address and Port & Printer Name that has been saved"



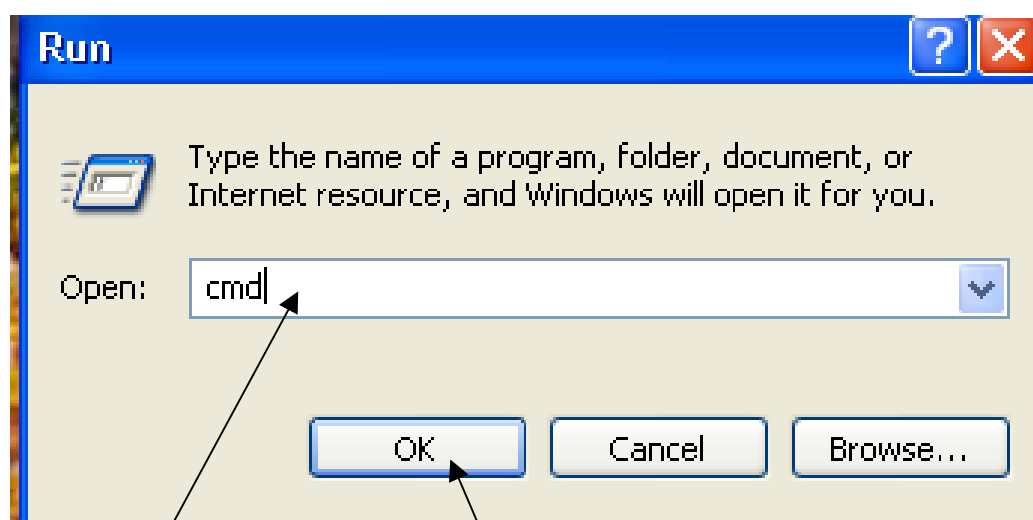
42. Click on "OK"

43. The Codesoft 6 Premier is now ready to operate normally.
44. When using the Font downloader, each font must be loaded individually.

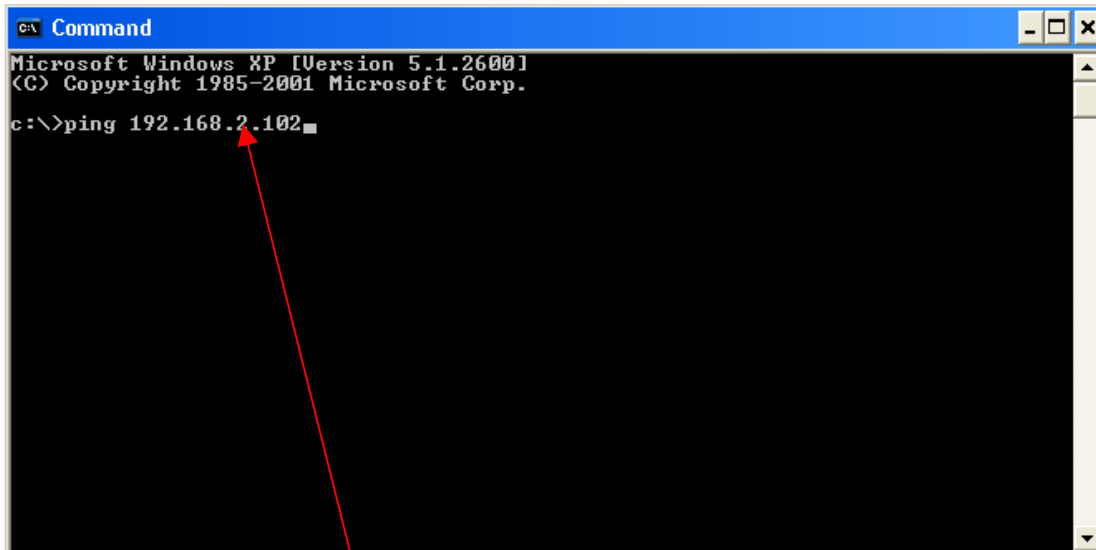
Check the device is working correctly, using the “Ping” command



Click on “**start**”, then Click on “**Run**”



Type “**cmd**” as shown then click on “**OK**”



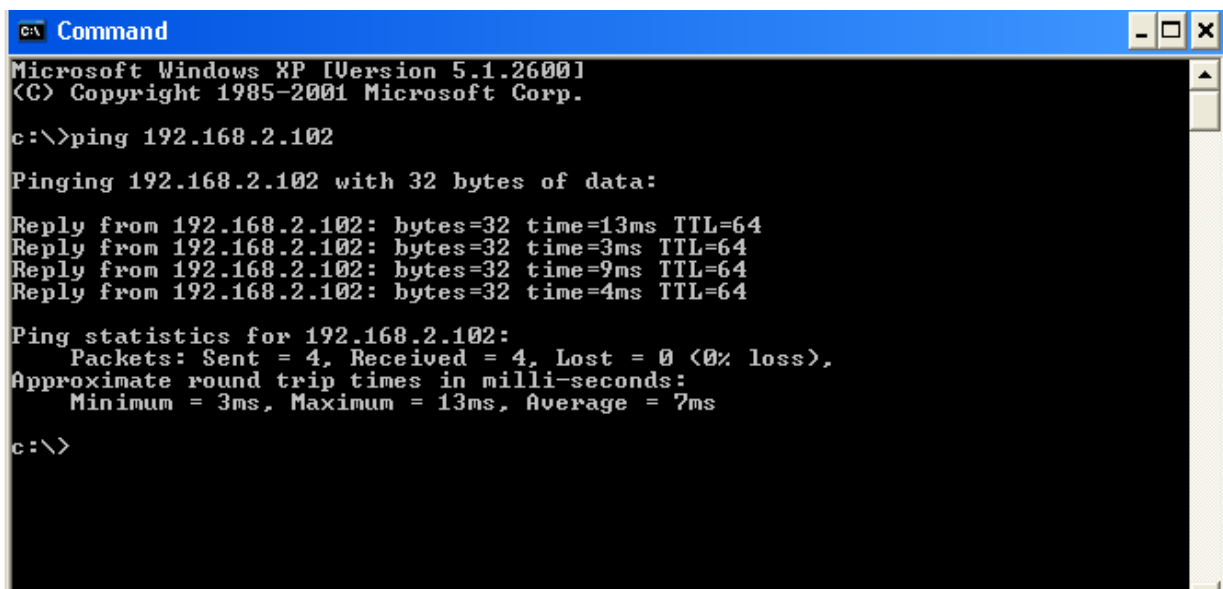
```
Command
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
c:\>ping 192.168.2.102
```

At the C:\> prompt type “**ping**” followed by the “**IP address**”

Example c:\>ping 192.168.2.102

Press the “**Enter**” Key

The following Information should appear if the device is configured correctly.



```
Command
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
c:\>ping 192.168.2.102

Pinging 192.168.2.102 with 32 bytes of data:

Reply from 192.168.2.102: bytes=32 time=13ms TTL=64
Reply from 192.168.2.102: bytes=32 time=3ms TTL=64
Reply from 192.168.2.102: bytes=32 time=9ms TTL=64
Reply from 192.168.2.102: bytes=32 time=4ms TTL=64

Ping statistics for 192.168.2.102:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 13ms, Average = 7ms

c:\>
```

Pinging 192.168.2.102 with 32 bytes of data:

Reply from 192.168.2.102: bytes=32 time=16ms TTL=64
Reply from 192.168.2.102: bytes=32 time=6ms TTL=64
Reply from 192.168.2.102: bytes=32 time=1ms TTL=64
Reply from 192.168.2.102: bytes=32 time=7ms TTL=64

Ping statistics for 192.168.2.102:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 16ms, Average = 7ms

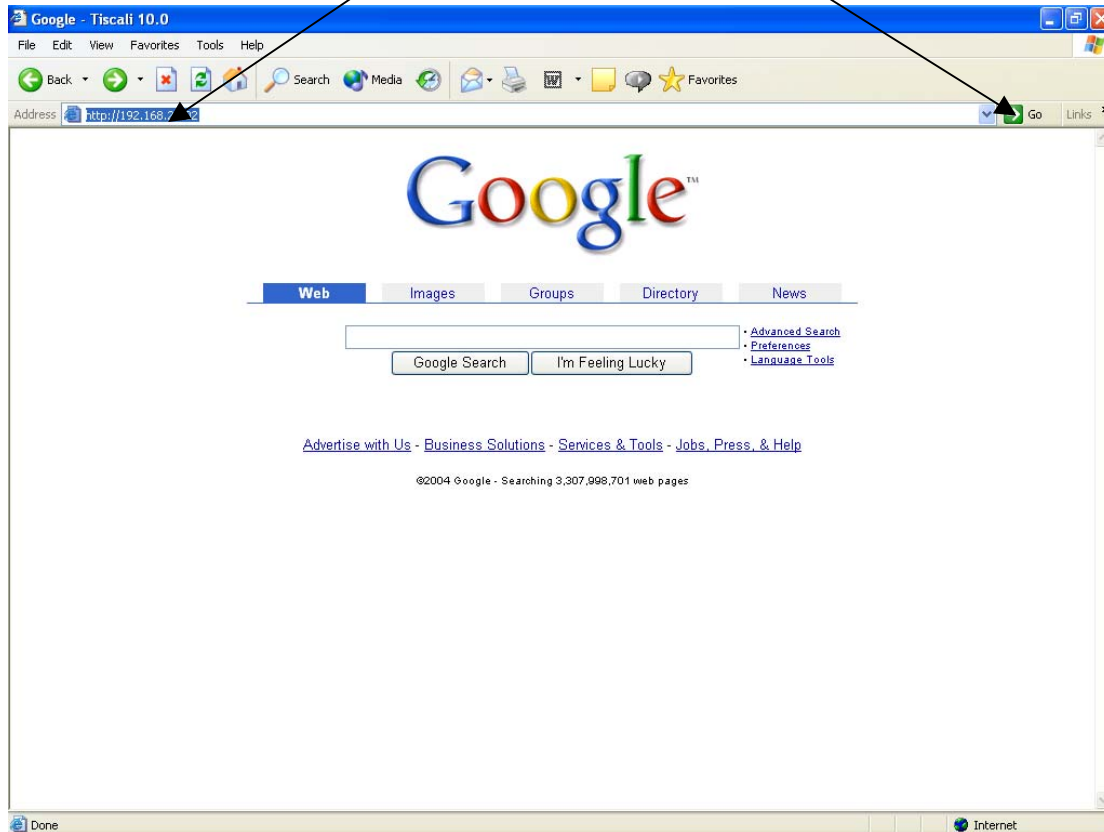
This shows the device is working correctly.

Changing or Configuring the device, internal software.

From Internet Explorer type: - “**http://then the IP Address**”

In this case **http://192.168.2.102**

Then Click on “**Go**”



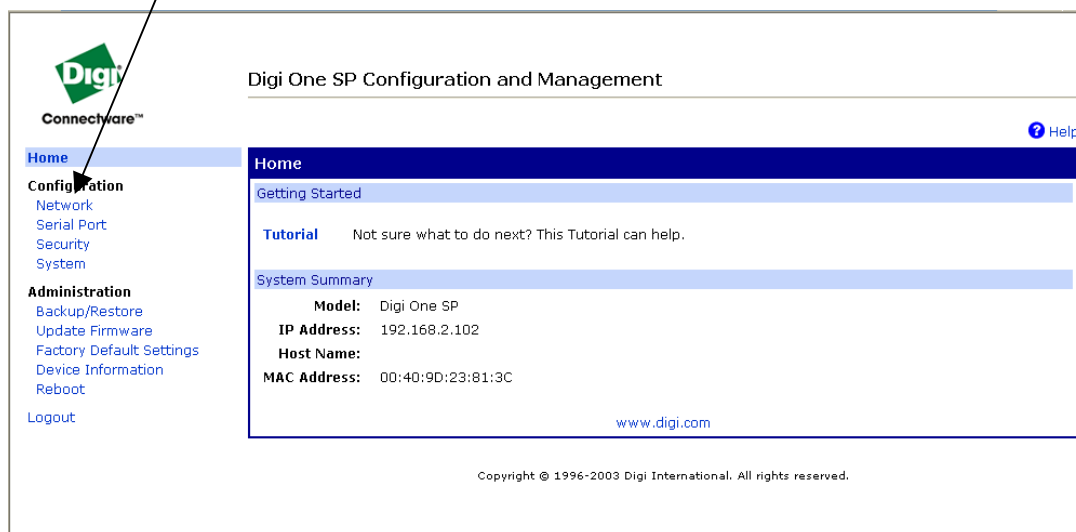
User name: “**root**”

Password: “**dbps**”

Click on “**OK**”

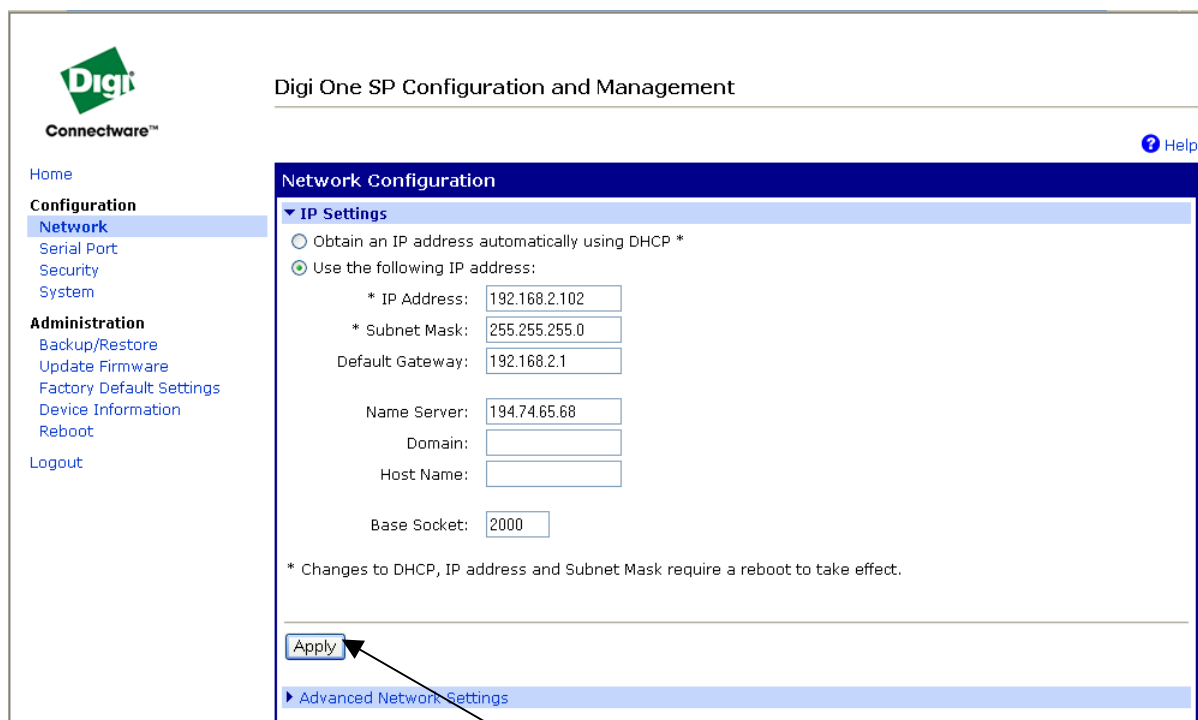
This Dialog box appears, the software is installed within the device itself.

Click on **“Network”**



Make any required changes to : IP Address, Subnet Mask, Default Gateway, Name Sever.

“Do Not Change the Base Socket.”



On completion click on **“Apply”**

To check the Serial Port Settings.

Click on “**Serial Port**”

Then Click on “**Basic Serial Settings**”

Digi One SP Configuration and Management

Serial Port Configuration

Port Profile

Current Port Profile: **TCP Sockets** [Change Profile...](#)

The TCP Sockets Profile allows a serial device to communicate over a TCP network.

Profile Settings

TCP Server

Connect to the following TCP ports on the network (calculated from [Base Socket](#)).

Telnet TCP Port: 2001
Raw TCP Port: 2101

TCP Client

Automatically establish TCP connections to a server or other networked device.

☐ Automatically establish TCP connections

Connect: ☒ Always
☐ When data arrives
☐ When DCD goes high

Send Keepalive Packets: ☐

[Apply](#)

[Basic Serial Settings](#)

[Advanced Serial Settings](#)

[Restore Factory Serial Port Settings](#)

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Digi One SP Configuration and Management

Serial Port Configuration

Port Profile

Basic Serial Settings

Description:

Baud Rate: 115200

Data Bits: 8

Parity: None

Stop Bits: 1

Flow Control: Hardware

[Apply](#)

[Advanced Serial Settings](#)

[Restore Factory Serial Port Settings](#)

Configure the Serial Port Configuration then click on “**Apply**”

The Device is now configured as you required, and should now work correctly.