VARIAN

Number: SHT-PS335 - 05
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SERVICE How To

Model Number:	Originator:	Topic
PS 335 DAD Static IP	**Des Wichems**	**Connecting to PolyVerify/Diagnostics using a crossover cable**

Connecting the PC with a 335 detector using a cross over cable

1. You will have needed to give your detector a fixed IP address while you are connected to it using bootP. This can be achieved either by the following two ways.
   - Run the detector through the local network and connecting it to your PC (this way the network provides the bootP interrogation and assigns a dynamic IP), and once you have connected to it using the *Detector/Main/Discover* button, you can then assign it a Static IP.
   - Run the detector to the computer using a crossover cable and then run the bootP application to assign a dynamic IP address to the detector.
     i. *Suggested IP address*: 10.2.128.2
     ii. *Suggested Subnet address*: 255.0.0.0
     iii. *Suggested Gateway*: 10.2.128.2

2. Once connected to the detector of interest, you can then go to the Diagnostics/Comms tabs to assign it a Fixed IP setting (Fig. 1)

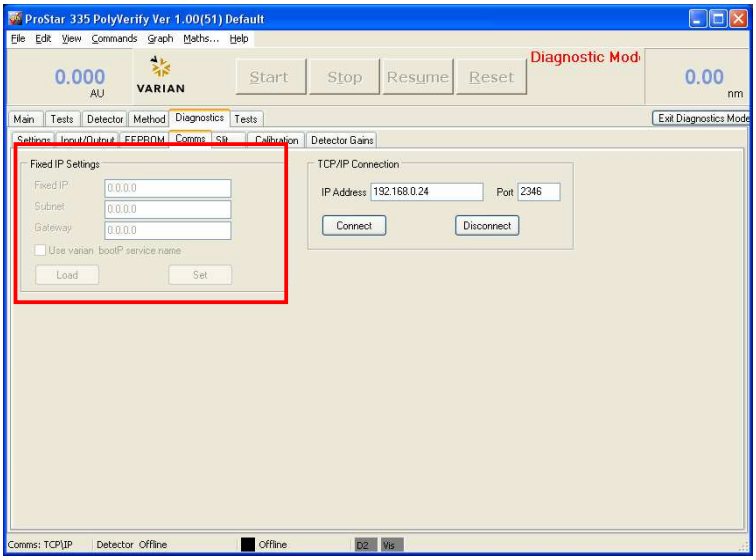

Figure 1

3. Once you have loaded the IP settings, then on your notebook PC set the IP address as well. You will need to make sure that you have removed yourself from the network. To set the IP address on your PC, follow the screen captures in Fig. 2

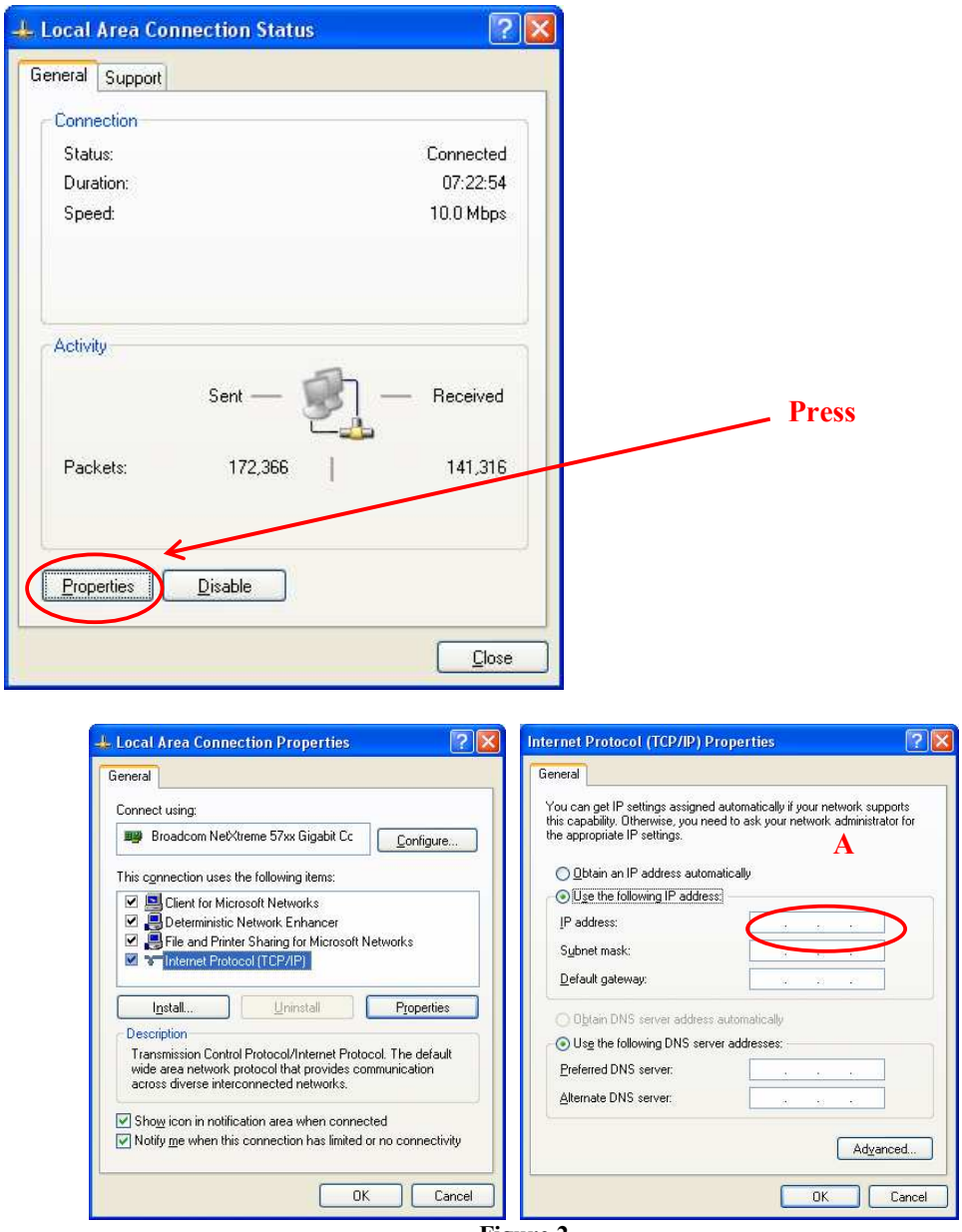

Figure 2

4. The suggested IP address of the PC should have the same first three sets of numbers as the detector, and then change the last set by 1.

The subnet should also be the same as used with the detector.

- *IP address*: 10.2.128.1
- *Subnet address*: 255.0.0.0
- *Suggested Gateway*: 10.2.128.2

5. Plug the two units together with a crossover cable and connect by typing in the IP address in PolyVerify Comms tab (Fig 3).

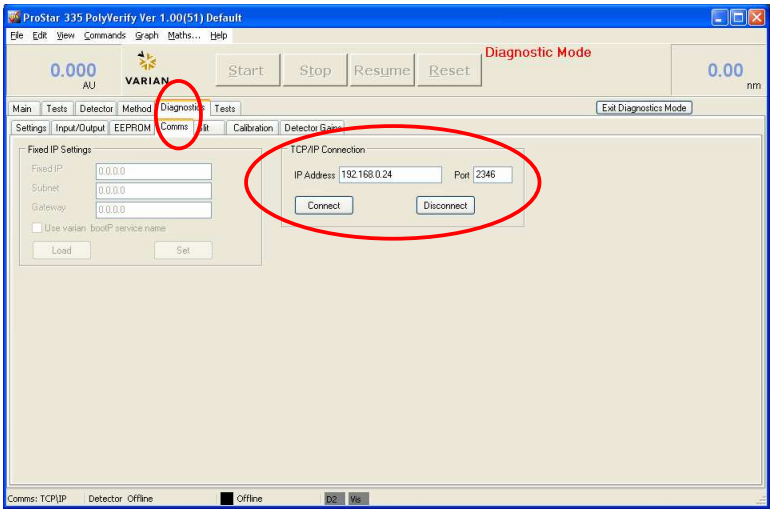

Figure 3

You should now be able to communicate with the detector and run any test you like.