VARIAN

SERVICE How To

Model Number:	Originator:	Topic
PS 325 UV-Vis Dynamic IP	**Des Wichems**	**Connecting to LCVerify/Diagnostics using a Crossover Cable**

Connecting a Detector (Dynamic IP) with a PC using a Crossover cable

1. Set the IP address as on your PC first. 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. 1

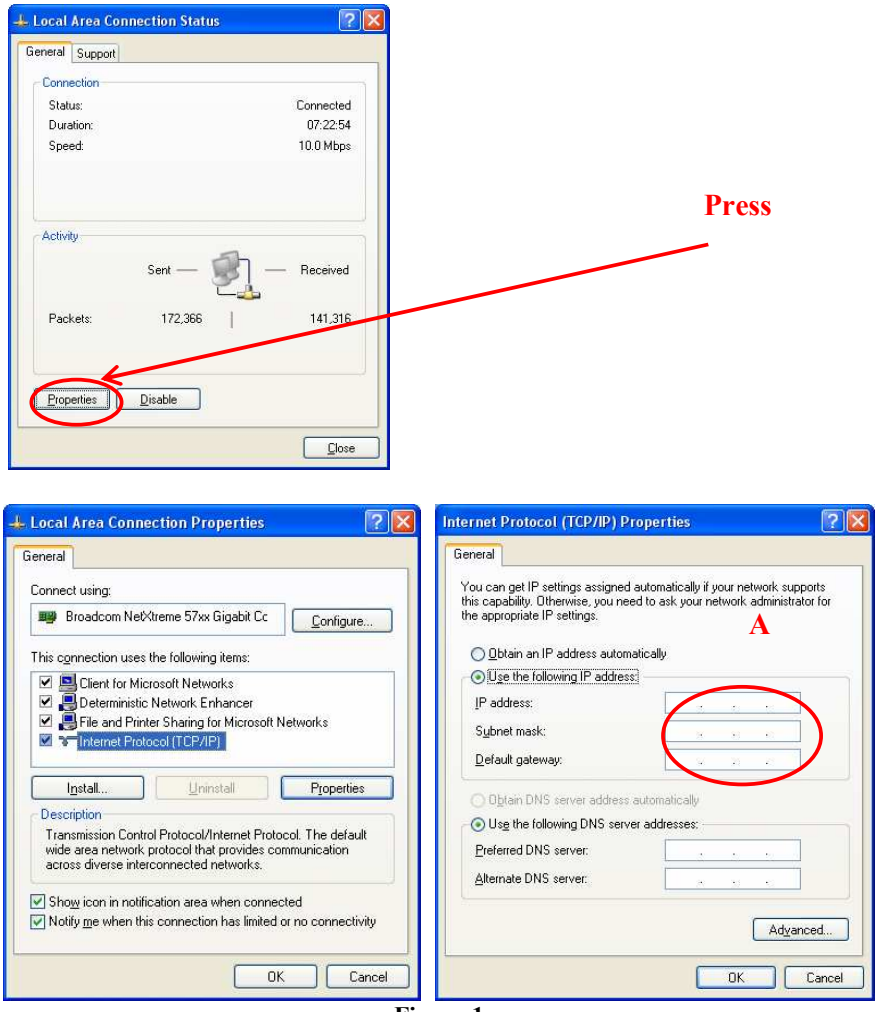
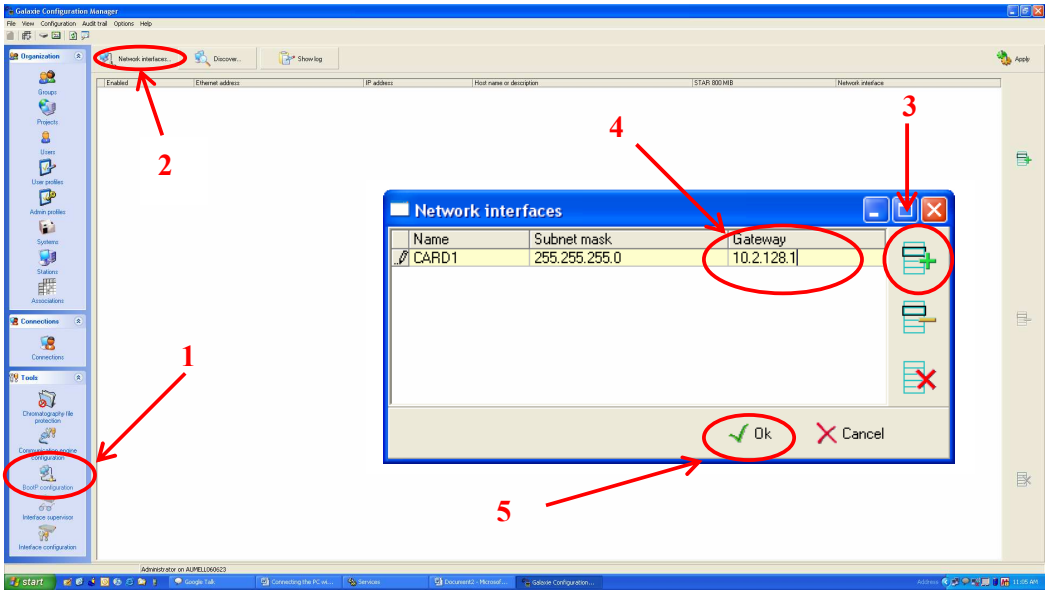


Figure 1

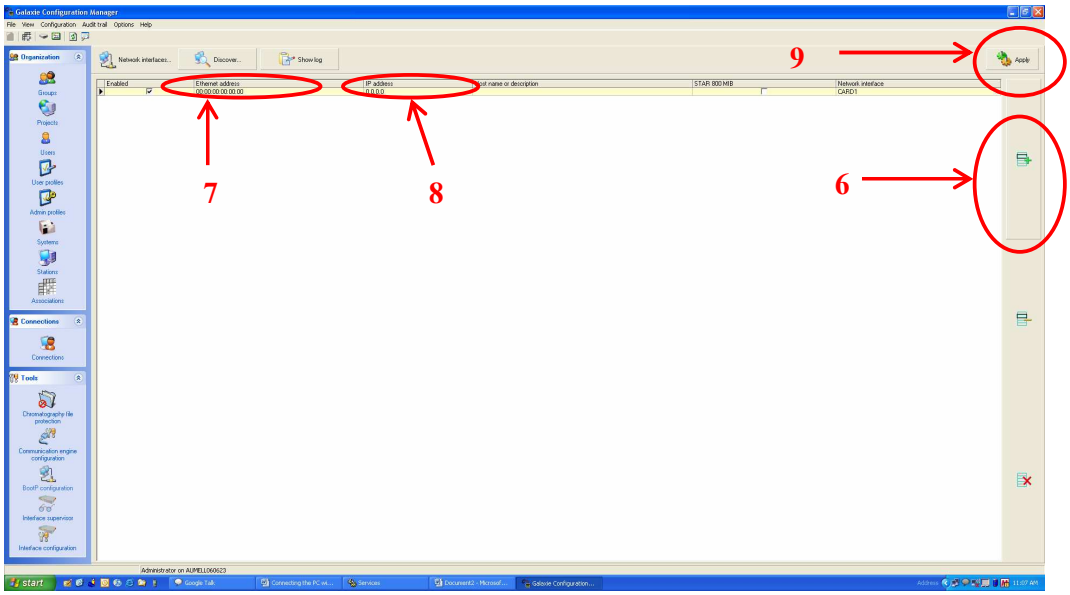
2. The suggested IP address of the PC should have the same first three sets of numbers as the detector, and then change the last set by 1.
    - The subnet should also be the same as used with the detector.
    - IP address: 10.2.128.1
    - Subnet address: 255.0.0.0
    - Default gateway: 10.2.128.1

3. Once the PC is set up with an IP, you will then need to enable the bootP services to provide a dynamic IP address to the detector. This can be achieved by using the Galaxie Configuration Manager.

4. Open Galaxie config manager, and select the *BootP Configuration* (**1**) option. You can then select the *Network interfaces* (**2**) option, and then add a new card by pressing the plus button (**3**). That will enable you to enter the Gateway (**4**), which is the Gateway number of your PC (10.2.128.1). Press Ok (**5**).



5. You can now add the BootP service for the detector by pressing the add button (**6**). Once the entry line appears, you will need to insert the Ethernet address (**7**), which is the same as the Mac address, and you will also need to insert an assigned dynamic IP address (**8**). Once this is finished you can hit *apply* (**9**).



6. Once you have finished setting up the BootP configuration you can close the Galaxie Configuration Manager. At this point you will need to power on your detector (or restart) so that the PC can provide the detector with an IP address upon start-up

7. Open LCVerify/Diagnostics and connect to the detector by selecting the Detector/Main/Discover option. Your detector should now appear in the list of detectors. Connect and then use LCVerify/Diagnostics as usual.