How to Set up Network Communication for PTW Detector Arrays

VeriSoft 5.1 or higher

Detector Interface 4000 (T16039)

This technical note applies to the following PTW detector arrays:

OCTAVIUS Detector 729 (T10040)

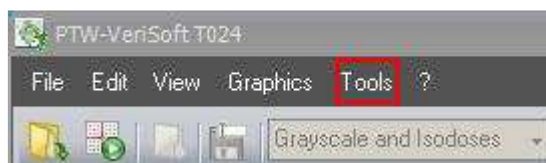*OCTAVIUS Detector 729 ^{xdr} (T10042)*

OCTAVIUS Detector 1000 SRS (T10036)

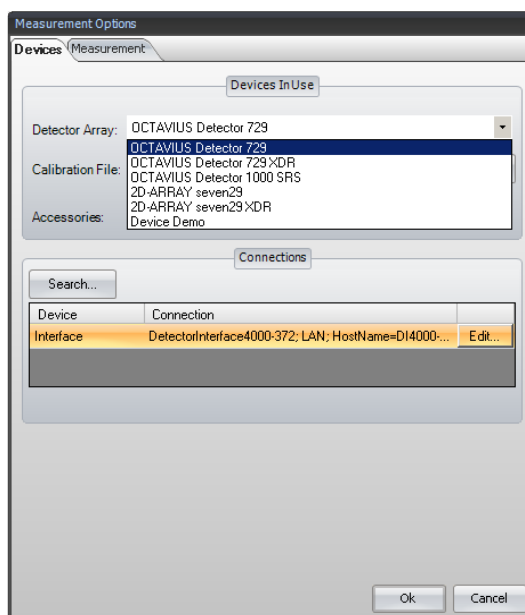*STARCHECK (T10043)*

STARCHECK ^{maxi} (T10033)

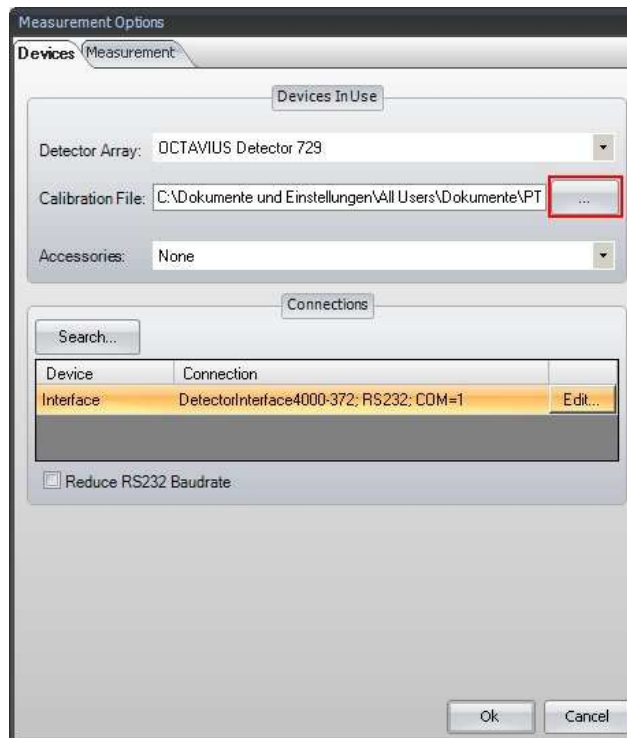| NOTE |
| --- |
| This technical note describes how to set up a network connection between a PTW detector array and a DHCP network via Detector Interface 4000. If you want to learn how to set up a network connection for a PTW detector array in a network without DHCP, or how to set up a direct connection to a PC that is not part of a network, please refer to technical note D252.200.02. |

1. Install the VeriSoft software on your PC.

2. Make sure the Detector Interface 4000 is turned off

3. Connect the PTW detector array to the Detector Interface 4000.

4. Connect the Detector Interface 4000 to your DHCP network via LAN cable.

5. Turn on the Detector Interface 4000. The Detector Interface 4000 will automatically receive an IP address from the network.

6. Start the VeriSoft software on your PC.

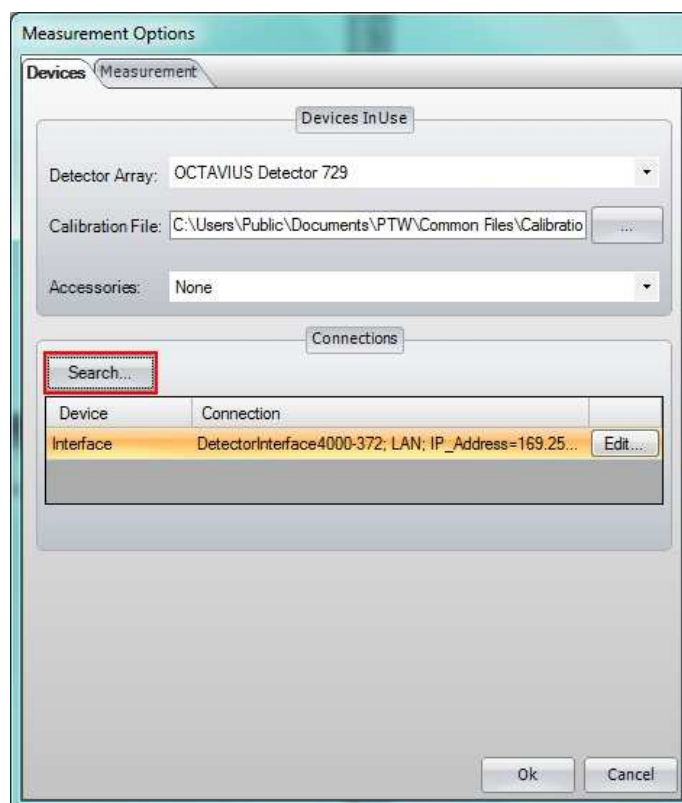7. In the VeriSoft software, select **Tools → Measurement Options** in the menu bar.

8. The **Measurement Options** window opens. Choose the correct detector array from the drop down menu:

9. Click the **…** button next to the *Calibration file* panel and select the calibration file corresponding to your detector.
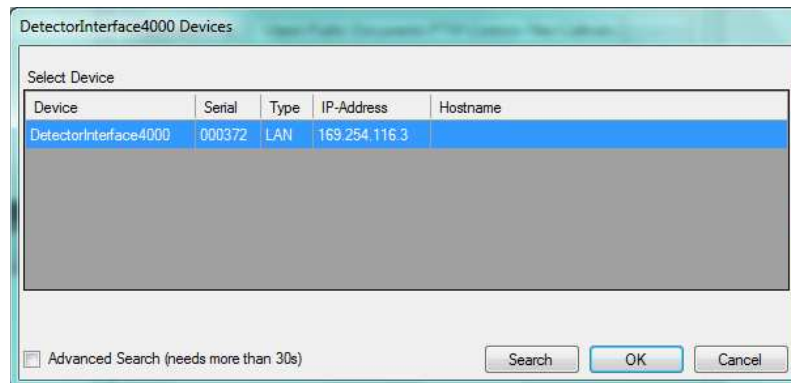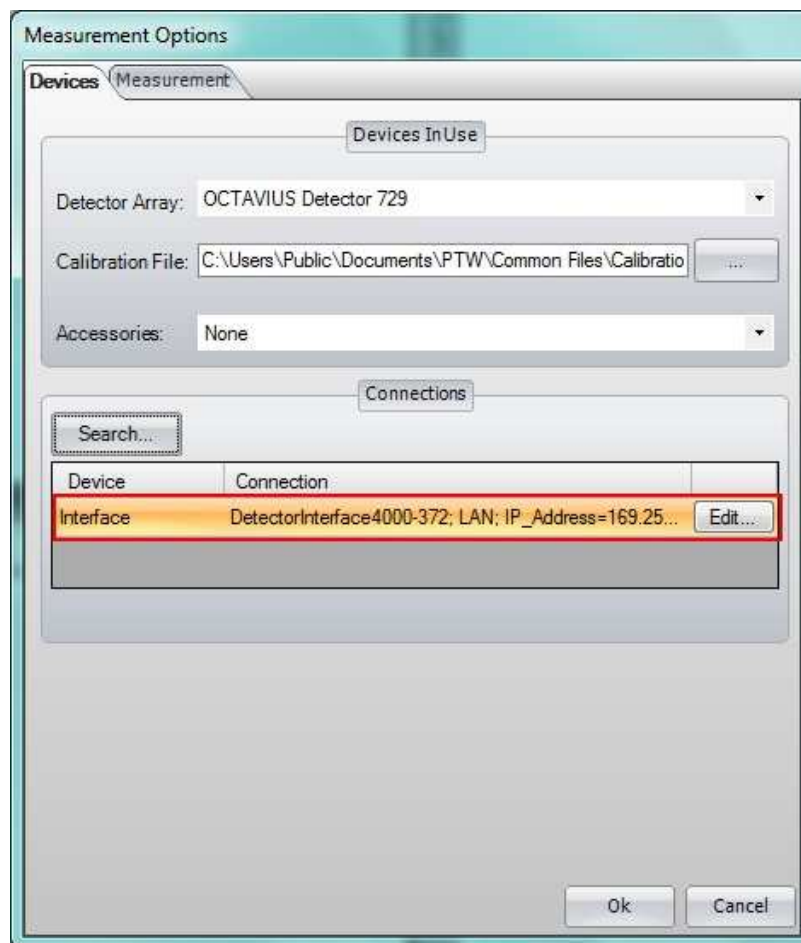

10. Click the *Search...* button.

Please note: It is possible that this search will be blocked by your firewall. If you cannot add an exception for the calling program (VeriSoft), contact your system administrator.

11. The **DetectorInterface 4000 Devices** window appears; listing all connected Detector Interface 4000 that could be found in the network. Select the device for which you want to set up the connection (you can identify it by its serial number if there is more than one) and click **OK**.
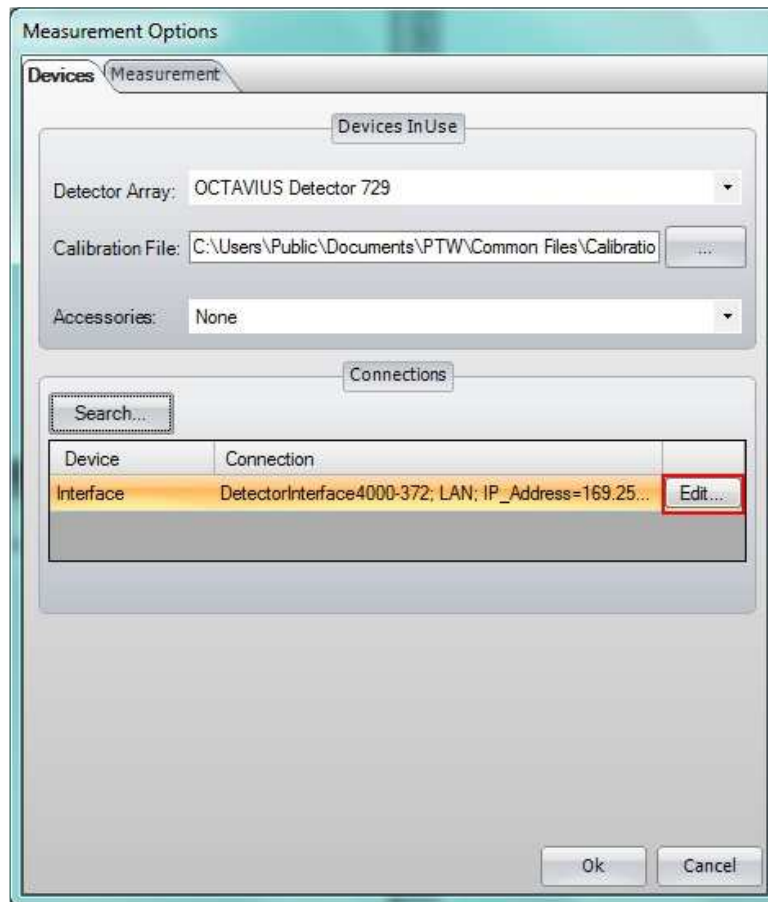

If your device does not appear in the list, check again if it is properly connected and turned on. Disable the firewall. Repeat the search.
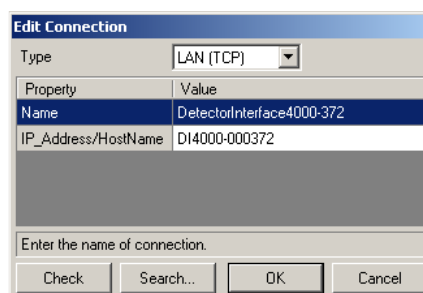
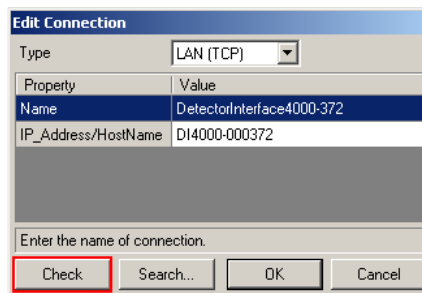12. The established connection is now displayed in the **Measurement Options** window.

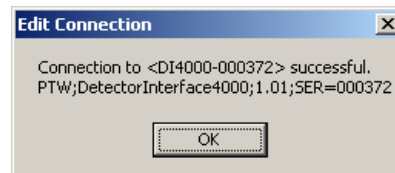13. To check the connection, click on the *Edit…* button next to its entry.

14. The *Edit Connection* window appears, showing the details of the respective connection.

15. Click on the **Check** button.

16. A message that the connection was successful should appear. Confirm with the **OK** button.

17. Leave the **Measurement Options** window by clicking **OK**. The network connection to your PTW Detector Array is now established.