

# READ ME

## Using Virtual COM Port in Windows 7/10

The USB port driver, used by the Daystar, DS-100 and DS-1000 IV Curve Tracers, is known to have a problem when used on a Windows 7 or 10 computer. However, there is a way to use a USB connection with the IV tracer on a computer running Windows 7 or 10.

The USB driver creates two different USB ports on the computer. One is the direct USB port (which does not work properly on Windows 7/10). The other is a virtual COM port.

The virtual COM port still uses the USB hardware port, but it presents this port as if it were a serial COM port. In order to use the USB port as a virtual COM port, you must select “Serial COM Port” as the port option within IVPC.

IVPC must be set to the specific COM port number used by this virtual port. This number can be entered manually if known. Note: The Windows operating system will assign this value. It can be found using the Windows, device manager.

However, IVPC can determine the correct port number automatically. To do this, connect the IV tracer to the computer using a USB cable. Turn the IV tracer on. Within IVPC, open the port setup dialog (settings menu/Communications Settings).

Select “Serial COM Port” as the port type. Press the “Find Tracer” button. IVPC will check all available COM ports to detect the IV tracer. If the tracer is found, the COM port number will be set to this value.

IVPC only recognizes COM ports 1 to 16. Though unlikely, the Windows operating system may assign a COM port outside this range. However, from within the Windows device manager, this virtual COM port can be assigned a COM port number in the range of 1 to 16.

Note: There is no functional or performance difference between using the USB via virtual comport or direct USB setup.