

Scon Pscon V1.06 Windows Driver Setup - USB Devices Only

Document 022UX1 For SB022 Only - SB017 – SB021 does not apply

The driver(s) for Scon SB022 is supplied on the WinDriver directory in the PScon install disc. The driver(s) will also be copied into the C:/Program Files/PScon/WinDriver directory on the PC during a normal PScon (V1.09) install.

The driver enumerates as a virtual serial port into Windows XP, Vista and Windows 7. Setting the system up varies only slightly between the windows versions and may vary depending on the updates that are installed.

The recommended procedure for all three Windows Versions is as follows:

1. Install PScon by placing the disc in your CD/DVD drive and clicking the setup icon in the root directory of the CD.

2. Plug in the PScon module via the USB port that you intend to use. Windows XP will report that it needs a driver for the hardware. Note: Windows will remember which port (plug) you use and will enumerate the driver with a separate virtual port number for each one that you plug the device in to.

3A. When Windows asks to Connect to Windows Update to locate the driver Click **No, not this time**.

3B. Windows will then ask for a driver. Click **Install from a list of specific location (Advanced)** then **Next**. Note once the driver has been installed, you can click Install Automatically if you choose to use an additional USB port (plug), the driver is stored in Windows and will install automatically.

3C. Click **Include this location in the search**; and browse to C:/Program Files/PScon/WinDriver. Click Next. Windows will open a Hardware Installation window and report a warning that the software has not passed the Windows Logo testing. Click **Continue Anyway**.

3D. Windows installs the driver. Click **Finish**.

Now that the driver is installed, you must identify and possibly change the port number.

3E. Locate and Right click **My Computer**, Right click **Properties** then **Hardware** then **Device Manager**.

3F. Locate and open **Ports (COM & LPT)**. Make sure the board is connected; look on the list for a Communications Port (Com ..). One of these is the SB022. Right Click and select **Properties** on each one until you locate “Scon Technologies” & Scon Module Series 24) driver. If the Port number is 9 or less, you are finished with setup; note this port number. If the port number is above 10, Continue below at 3G.

3G. Changing the port number. Windows now allows a substantial number of virtual ports. PScon V1.06 does not support port numbers over 9. When Windows assigns a port number, it stores that port for use even if the device is no longer present. For this reason it is possible to have a long list of un-used ports. If this is the case the USB driver will enumerate a port above 9 and PScon cannot access it. To correct this, you must change the virtual port number.

Locate and Right click **My Computer**, Right click **Properties** then **Hardware** then **Device Manager**. Right click **Properties** for the port located in section 3F above. Click the **Port Settings** tab then click **Advanced**. In the drop down box, select an available port number that is less than 9. Each time you connect a device using a virtual port, an additional different USB port will be assigned, regardless of the previous assignment. For this reason, many ports that are listed as in use are not actually being used. You may need to re-assign a port listed as “in use”.