

Xitron USB Interface Installation

August, 2007

Revision 3

Overview

This document describes installing the Xitron USB interface box and the software required to use it. The basic sequence is to install the RIP or plugin, then connect the USB box and allow the Windows plug and play system to install the remaining required drivers. The document walks through that process.

Components

You should have 4 pieces to complete this installation:

- A RIP or plugin installer.
- The INF files for the USB box (typically on the installation CD, these should not be needed).
- The USB box itself.
- Cables and power transformer. This should include the USB cable and the output device cable.

Installation Process

Installation is a three part process. Please do not connect the USB box until the second step, outlined below. While you can get the drivers configured and installed by plugging the hardware in first, it is not documented here and that method is more error prone.

Install the plugin and drivers

You need to install a version of the output device plugin that supports the Xitron USB box. The installer will contain a version of PB2Diag that supports the Xitron USB box and a low level Windows driver required to communicate with the USB box. Run this installer (either a RIP install or a plugin installer) and follow the prompts as you normally would. At the end of this install you are not prompted to reboot the PC.

Connect the USB box to the host PC

Connect one end of the USB cable to a USB 2.0 port on the host PC and the other end to the USB box. When you do this you'll hear the plug and play system make a sound and prompt you to install the drivers.

Tell Windows about the drivers that were installed

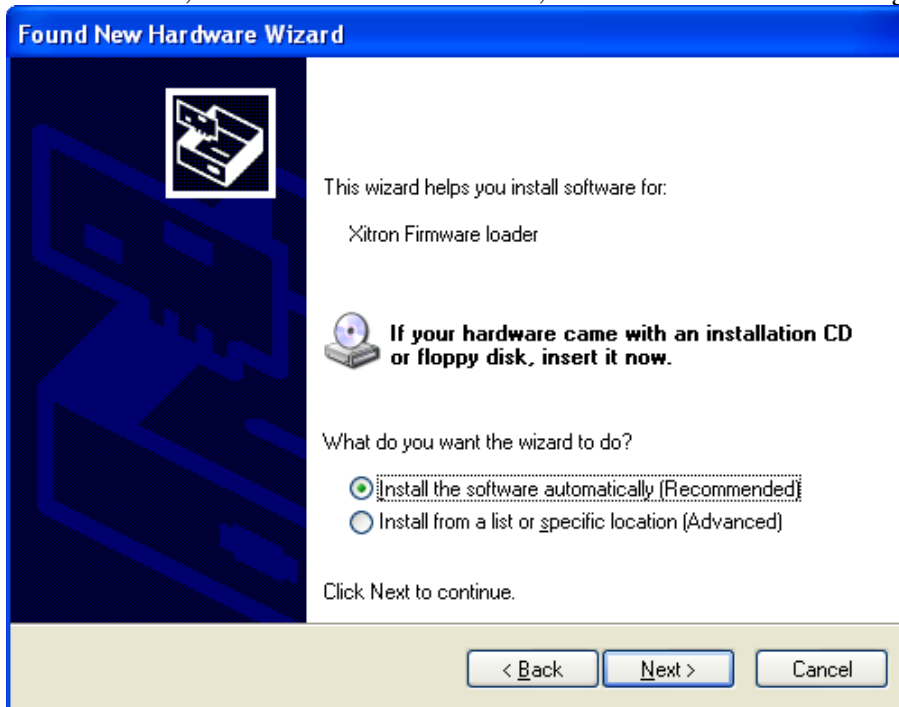
This is where you'll tell Windows about the drivers that were installed with the plugin. The steps to do this are short, but you'll go through it three times, in identical fashion each time.

First time

You'll be presented with this dialog:

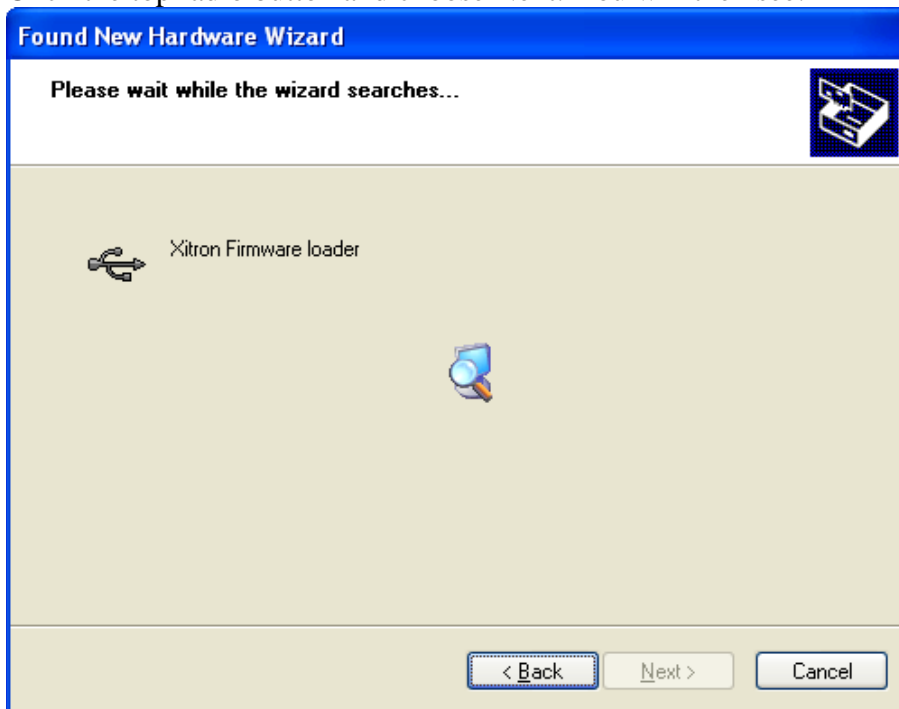


Click the “No, not this time” radio button, then click Next. You then get:

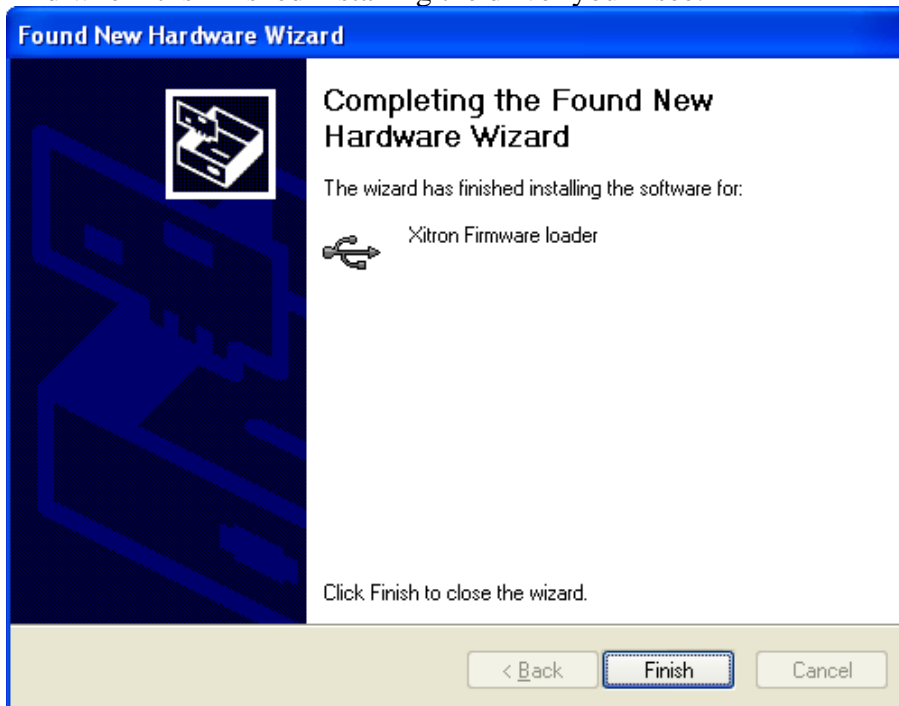


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Click the top radio button and choose Next. You will then see:



And when it is finished installing the driver you'll see:

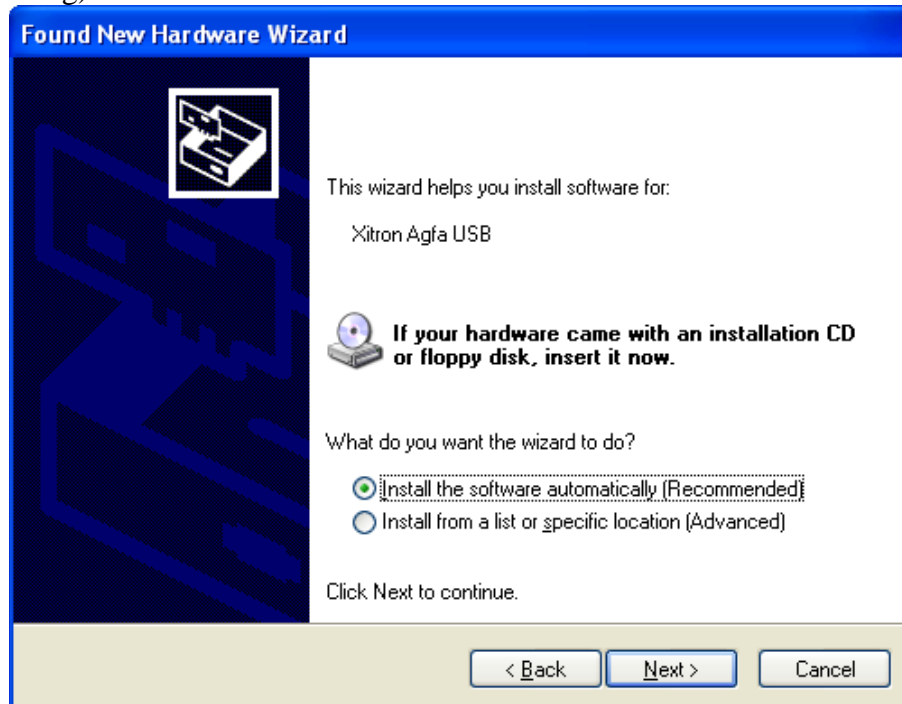


Press Finish and the process is then repeated two more times.

Second Time

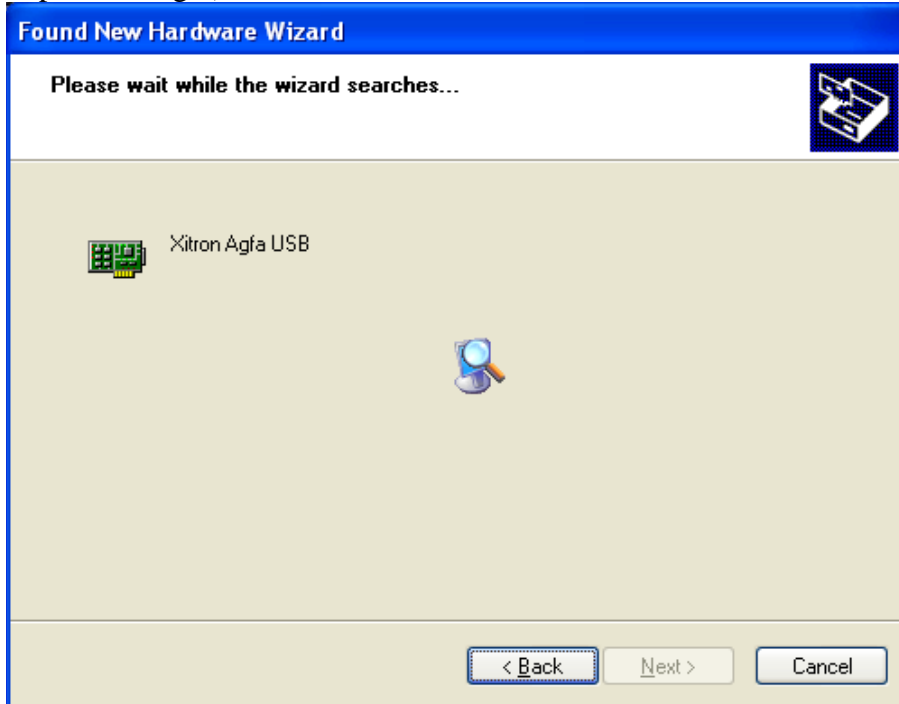


Click the “No, not this time” radio button, then click Next. You then get the following dialog (note this may say Agfa or Screen depending on the type of USB box you are using):

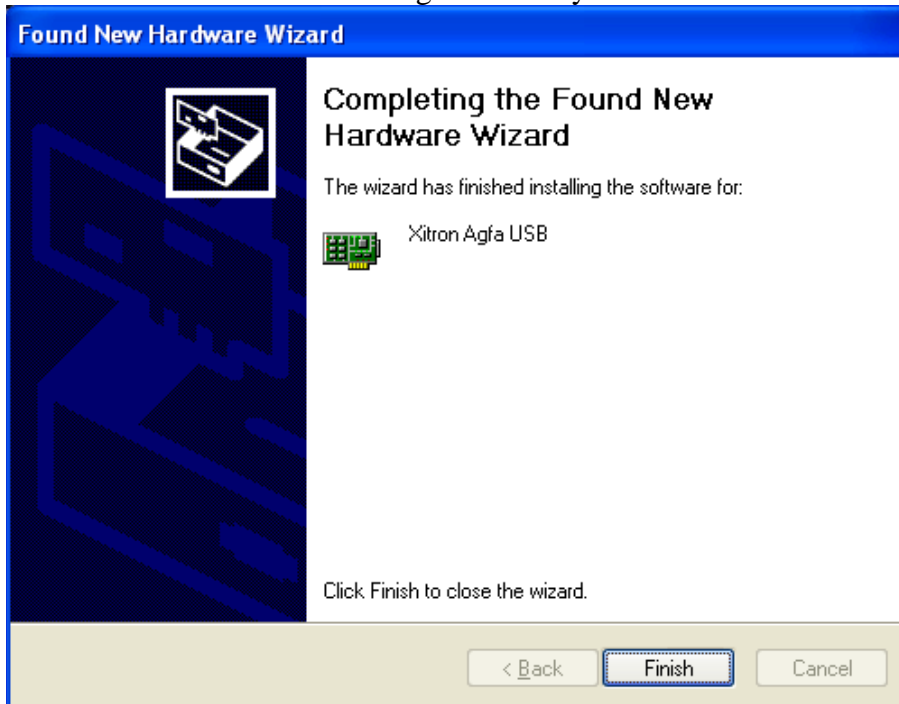


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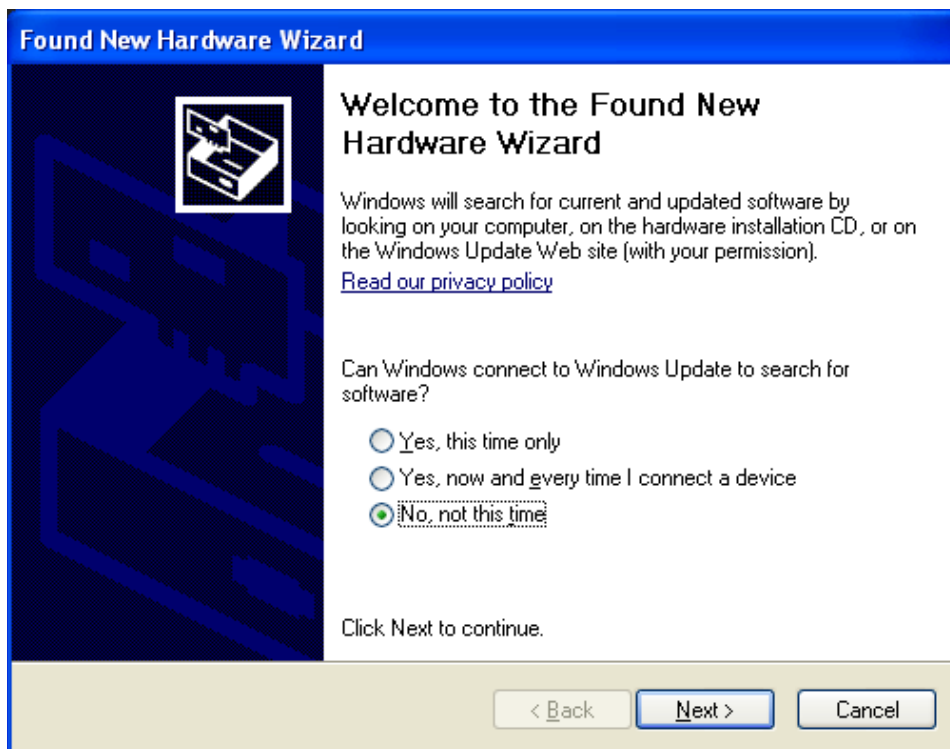
Click the top radio button and choose Next. You will then see (again this may say Screen in place of Agfa):



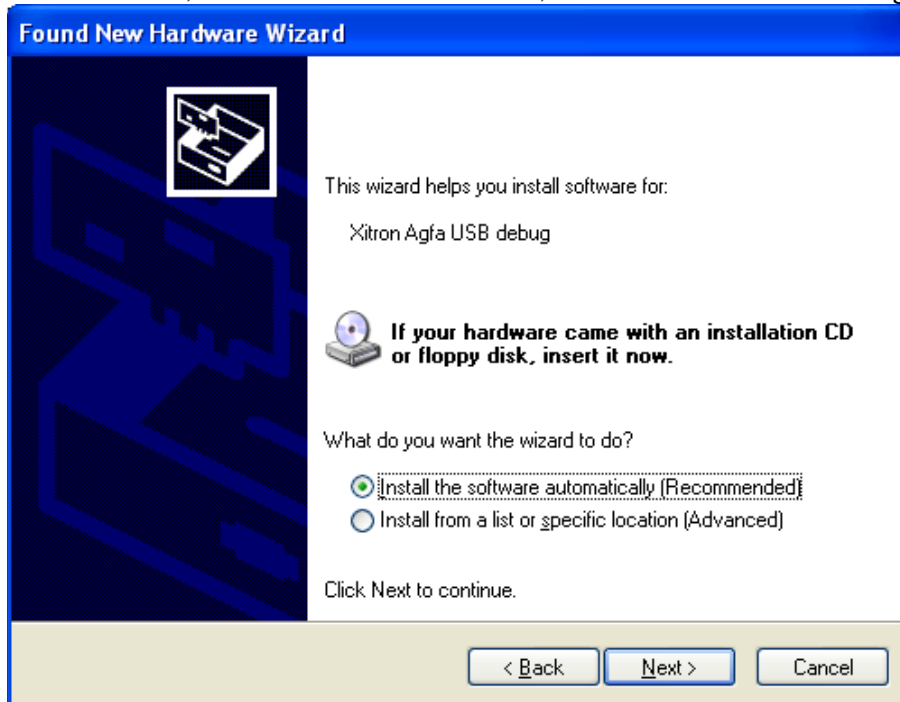
And when it is finished installing the driver you'll see:



Third Time

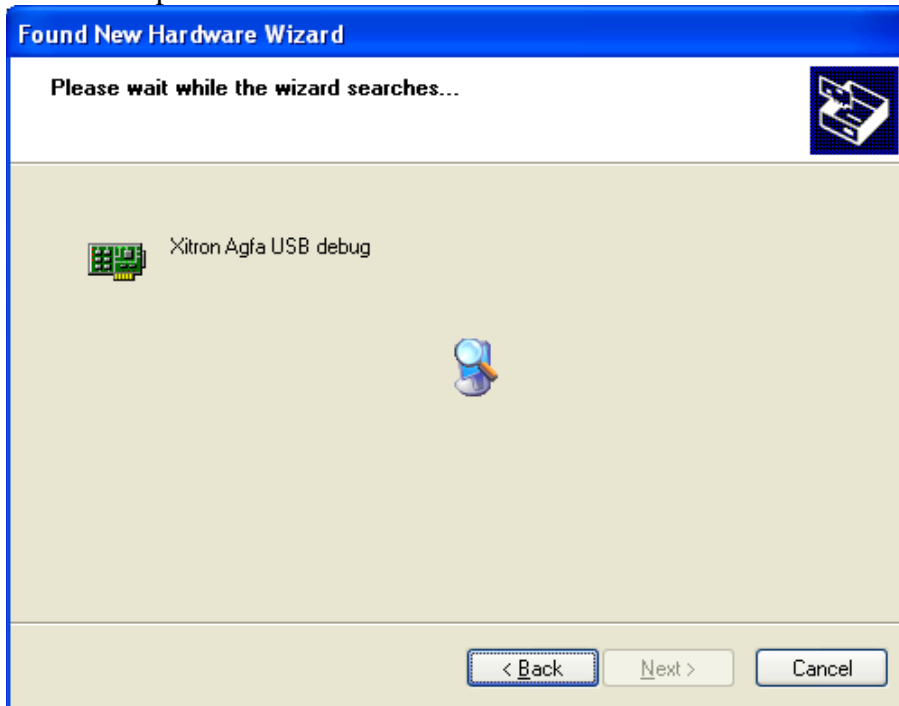


Click the “No, not this time” radio button, then click Next. You then get:

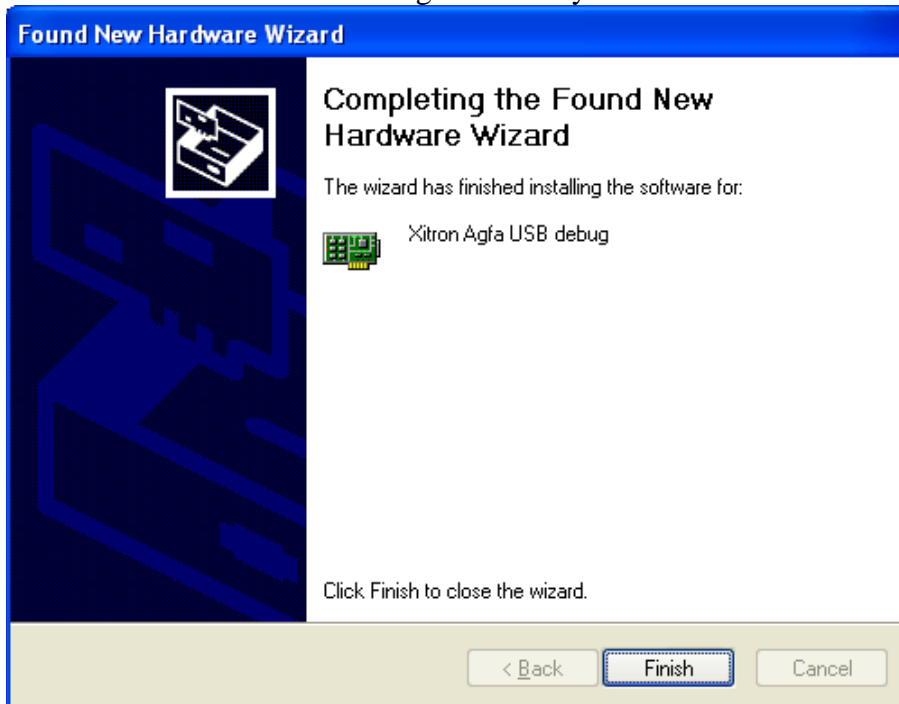


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Click the top radio button and choose Next. You will then see:



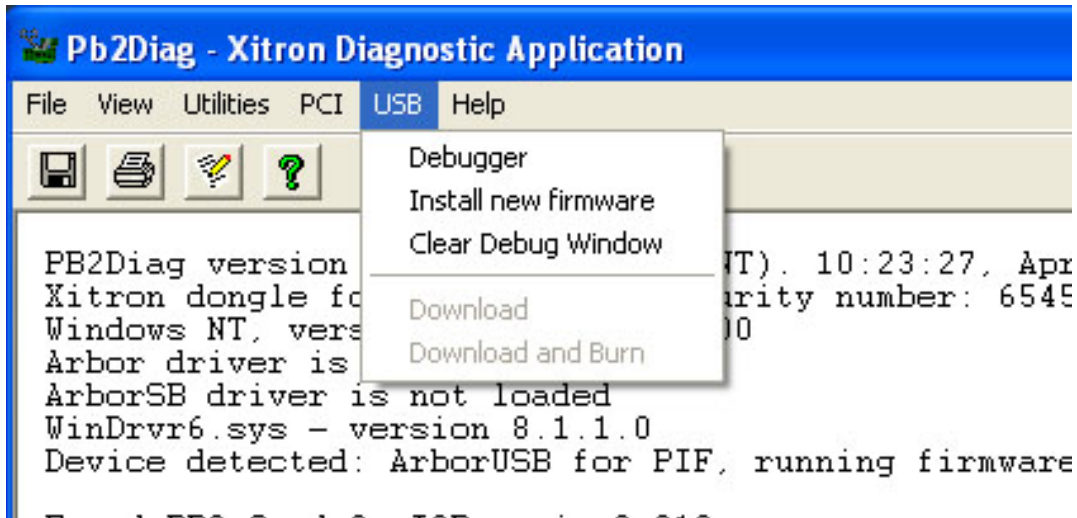
And when it is finished installing the driver you'll see:



Now you are done. You should be able to use the new plugin and USB interface box with your output device.

Firmware Upgrades

If you need to install new firmware for your card you can do this using version 7.2.0.1 or higher of PB2Diag. The firmware supplied to you should have a “spt” extension, e.g. XitronScreenUSB.spt. Start PB2Diag and select “Install new firmware” from the USB menu:



PB2Diag will copy the firmware to the required location so that Windows will download it when the USB box is connected. You will see a confirmation that the install worked and a report on the firmware version that was installed similar to the following:

Installed "Xitron USB Screen Firmware Version: 4.1" to

C:\WINDOWS\system32\XiLoad\XitronScreenUSB.spt

Remove the USB plug to the board and reinsert it. This will reload the firmware.

At this point disconnect your USB box, wait a second or two then reconnect it. Your new firmware will get loaded onto the box.