

06-25-2011

Fixed a bug in the Wdog_Univrsl.dll file that caused the Config program to fail when a PC did not have any serial (Comm) ports. Current DLL version is 01.14.00.

02-18-2011

There are new drivers for the PCI PC Watchdog that support WinXP, Vista, Win7, Server 2003, Server 2008. Please see the PCI manual or look in the drivers section of the CD

Drivers\PN1130_PCI_Win32-64

For instructions on the preferred method of installing the drivers.

02-04-2011

BPI_WDog_Config & Tickle programs are now digitally signed to prevent Windows from showing the untrusted warning screen during install.

08-25-2010

If you use the Config or Tickle programs on older PCs, make sure you have the latest version of Net Framework installed. If not, you may get error messages saying the DLL could not be found.

08-20-2010

Added new sample code for VB6 in the directory VB6_DLL_TestAp.

07-19-2010

We discovered that the Universal DLL was built using VS 2005 and it omitted the WINAPI (_stdcall) parameter in the function calls. The DLL worked fine for all versions of Visual Studio 2003 and higher as well as all versions of apps written in "C". However it did not work for VB6. Therefore we upgraded the DLL along with the .h file to include the WINAPI directive and the new DLL is Version 1.01.00. The old DLL is still on the CD in the _Archive section.

04-2010

As of April of 2010 all the software for the PC Watchdogs is now common. That means the programs and DLL will work with all versions of PC Watchdogs (except ISA). There is now one Config & one Tickle program that works with all the PC Watchdogs .

The new DLL for all the watchdogs is called Wdog_Univrsl.dll. Sample code (and the DLL) is provided on the CD for C & C++ in the Wdog_Univrsl_ConsoleAp directory. There is also sample code for VB.net in the VB_NET_DLL_Sample directory.

CD Structure

Directory: BPI_WDog_Config

BPI_WDog_Config program is in a .msi file that will install it automatically. You can use this program to test the watchdog and configure the non-volatile (NV) memory options.

Directory: BPI_WDog_Tickle

BPI_WDog_Tickle program is in a .msi file that will install it automatically. It is used to “tickle” the watchdog and keep it from resetting the PC until the PC actually freezes. Provided for users that do not write their own applications.

Directory: Drivers

Subdirectory: Linux

Serial code for Internal & External watchdogs. Notes on Linux support for other types.

Subdirectory: PN1110_1120_USB-2-Serial

Contains an .exe. file for the USB to Serial cable. Works with all versions of Windows including Win7 and 64 bit. Install this file first before plugging in the cable.

Subdirectory: All others

Driver required for other versions. Subdirectory name indicates if they support 64 bit also.

NOTE: The USB (PN:1140) uses the standard Windows HID driver that should already be on your PC.

Directory: Manuals

PDF copies of all the manuals. These PDFs also show up in other subdirectories as needed.

Subdirectory: Hardware

PDF manuals for all the PC Watchdogs.

Directory: VB_NET_DLL_SAMPLE

Visual Basic (VS 2005) sample code along with .DLL for user who wish to write their own applications.

Directory: VB_NET_DLL_SAMPLE

Visual Basic (VS 2005) sample code along with .DLL for user who wish to write their own applications.

Directory: Wdog_Univrsl_ConsoleAp

Sample code in “C” along with .DLL for user who wish to write their own applications.

Directory: x_OriginalArchive_WDog_Files

In this directory you will find the CD image of the distribution files for each of the Watchdogs prior to migration to a universal DLL and programs. See the following notes for common files for prior users.

PCI PC Watchdog Notes

Directory:

**x_OriginalArchive_WDog_Files\PN1130_PCI_and_PN1170_PCIe\x_Old_PCI_Files\Win_Old_A
PIs_Sample Code\DLL-Files**

Contains the original DLL file that has been shipped since 2002. Supports all the old level function calls.

Directory:

**x_OriginalArchive_WDog_Files\PN1130_PCI_and_PN1170_PCIe\x_Old_PCI_Files\Win_Old_A
PIs_Sample Code\C-Files**

Contains the original LIB file that has been shipped since 2002. Supports all the old level function calls.

**Directory: x_OriginalArchive_WDog_Files\PN1130_PCI_and_PN1170_PCIe\
DLL_ConsoleTestAp**

Contains the last non-universal DLL that still supports all the old level function calls.

USB PC Watchdog Notes

Directory: x_OriginalArchive_WDog_Files\PN1140_USB\Win_Old_APIs_SampleCode\DLLLibSrc\DLL

Contains the original DLL file that has been shipped since 2003. Supports all the old level function calls.

Directory: x_OriginalArchive_WDog_Files\PN1140_USB\Win_Old_APIs_SampleCode\DLLLibSrc\Lib

Contains the original LIB file that has been shipped since 2003. Supports all the old level function calls.

Directory: x_OriginalArchive_WDog_Files\PN1140_USB\New_DLL_ConsoleTestAp

Contains the last non-universal DLL that still supports all the old level function calls.

Serial PC Watchdog Notes

Linux User's of Serial PC Watchdogs

The Serial versions of the PC watchdogs have been updated with new features and commands that closely resemble the low level interface of the USB PC Watchdog. These feature can be found in the x_OriginalArchive_WDog_Files directory on the CD in a document called: WDog_Serial_CommandAddendum. This doc also covers a method to change the Baud rate up to 14.4K Baud on the new revisions.