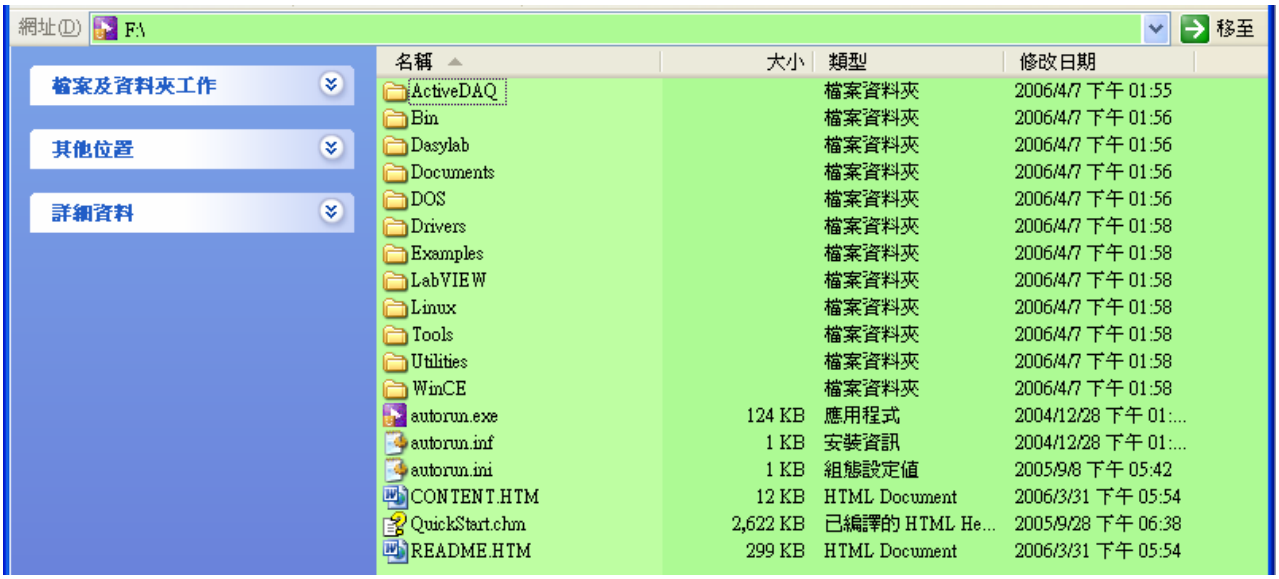
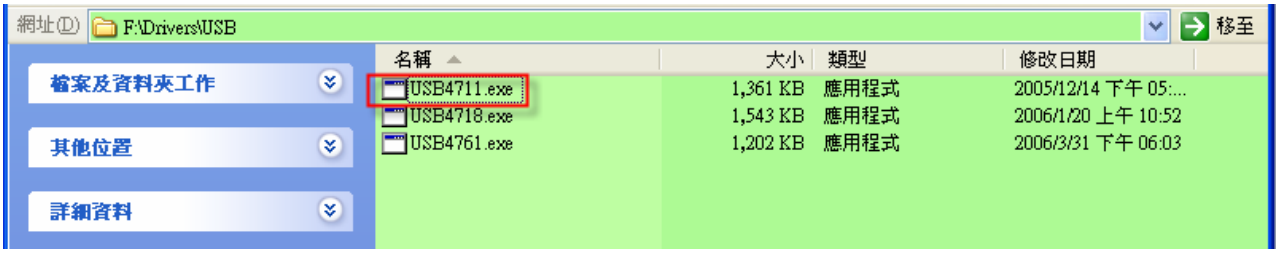
Advantech DLL Driver User Guide

1.The following is the CD content.



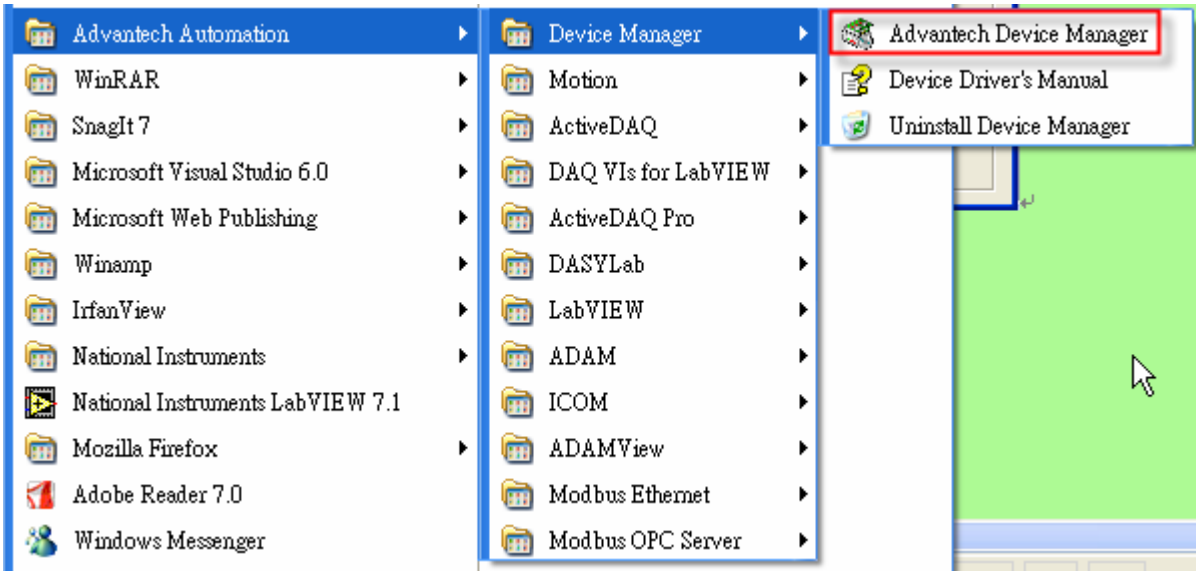
2. First, we have to install the Advantech DeviceManager.

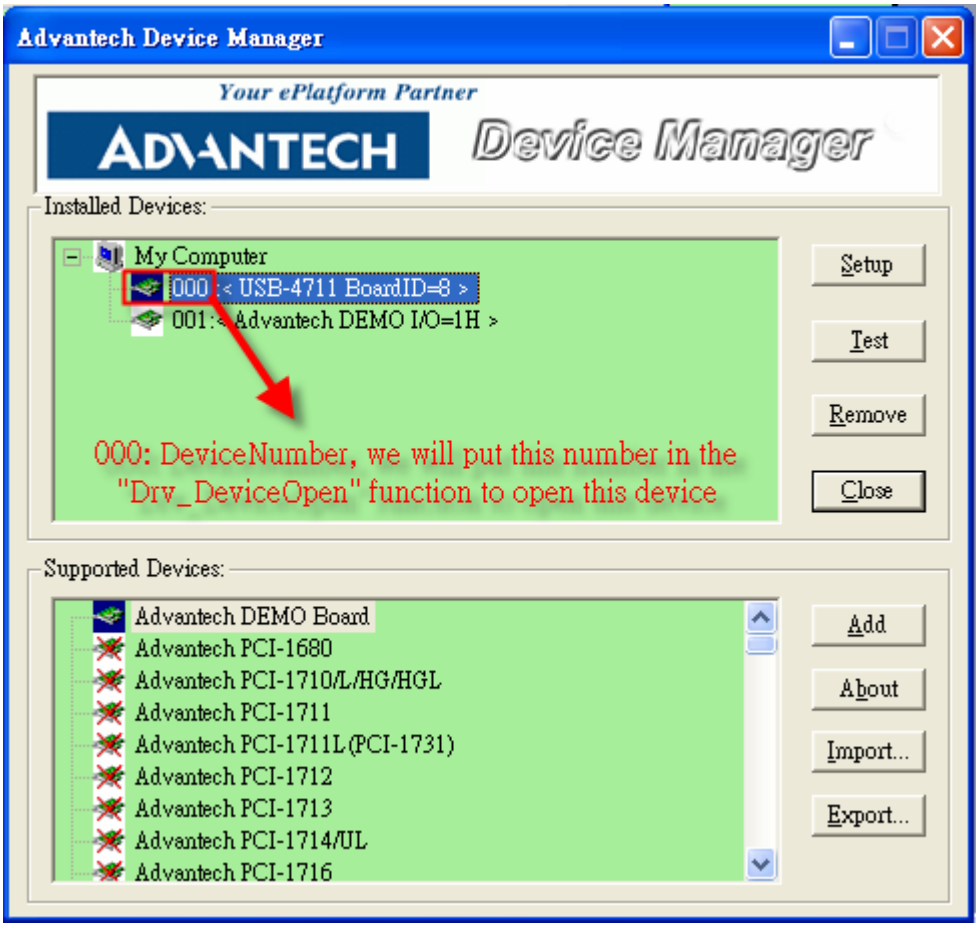
3. And install the Device Driver.



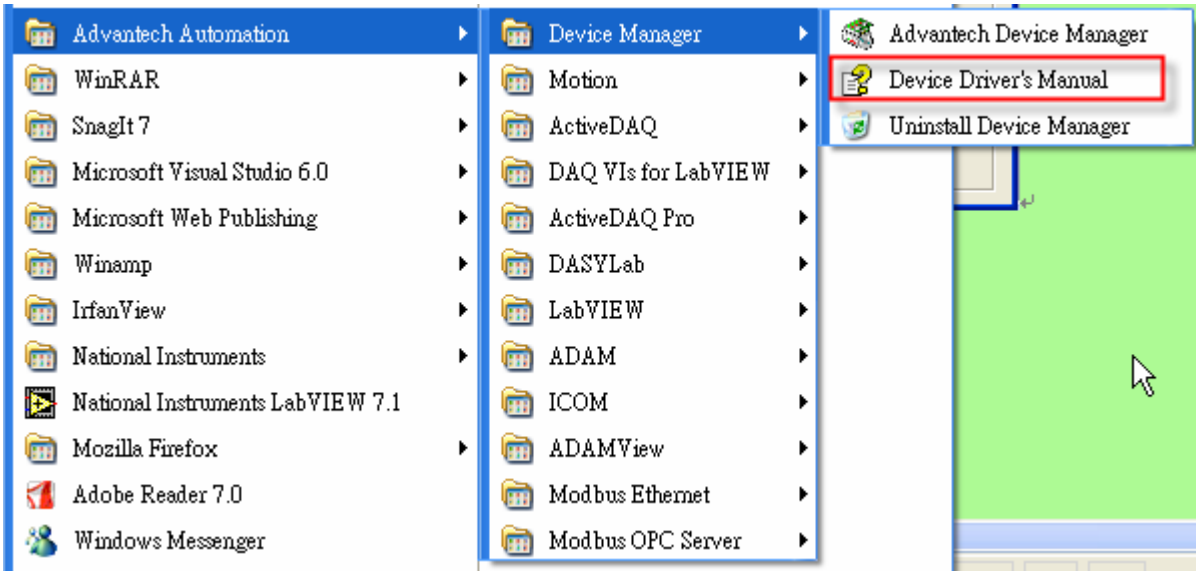
4. Insert the Device, (If PCI or ISA device, turn off the computer and insert the card.), then it will be detected atomically (For PCI or USB, if ISA device, we have to add it in Advantech DeviceManager)

5. Wire the circuit, Configure and Test the Device in the DeviceManager.





6. We have to check what Software function this Device can support. So we check it in the Device Driver manual.


Advantech Automation
WinRAR
SnagIt 7
Microsoft Visual Studio 6.0
Microsoft Web Publishing
Winamp
IrfanView
National Instruments
National Instruments LabVIEW 7.1
Mozilla Firefox
Adobe Reader 7.0
Windows Messenger
Device Manager
Motion
ActiveDAQ
DAQ VIs for LabVIEW
ActiveDAQ Pro
DASYLab
LabVIEW
ADAM
ICOM
ADAMView
Modbus Ethernet
Modbus OPC Server
Advantech Device Manager
Device Driver's Manual
Uninstall Device Manager


Advantech Device Driver Manual
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Advantech Device Driver Overview
Getting Started with Advantech Device Driver
Device Driver Programming Examples
Device Driver Programming Guide
Function Reference
PCI Series
PCL Series
USB Series
Advantech Customer Services
Complete manual
Respective manual
ADVANTECH
Advantech Device Driver Manual
Web: http://www.advantech.com/eAutomation
e-mail: info@advantech.com
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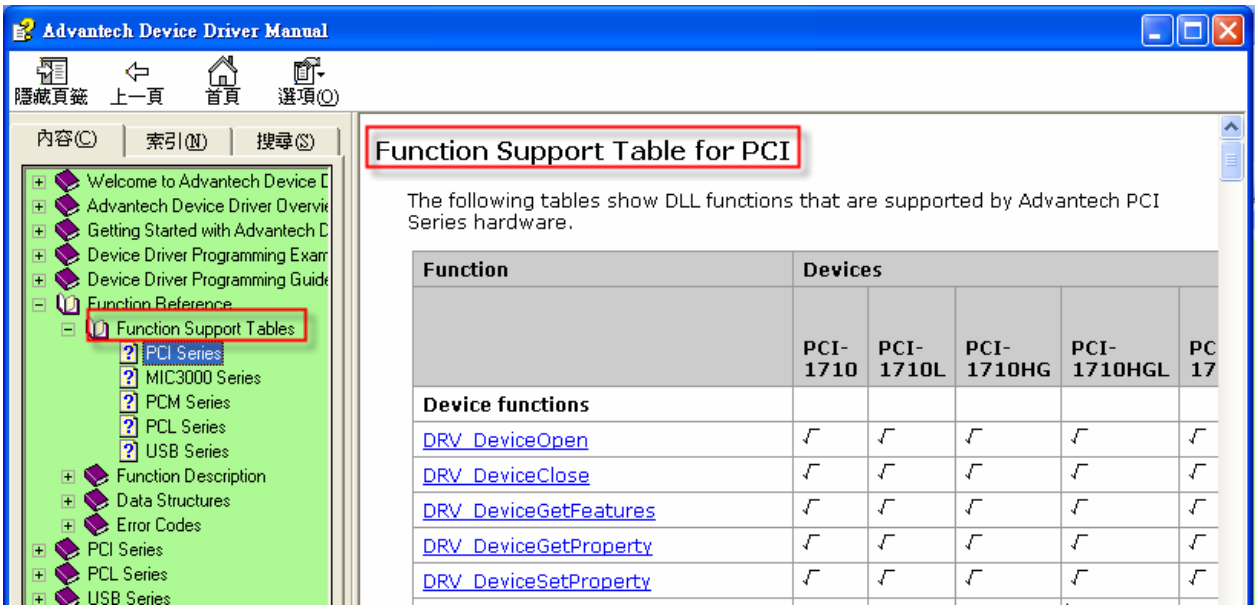
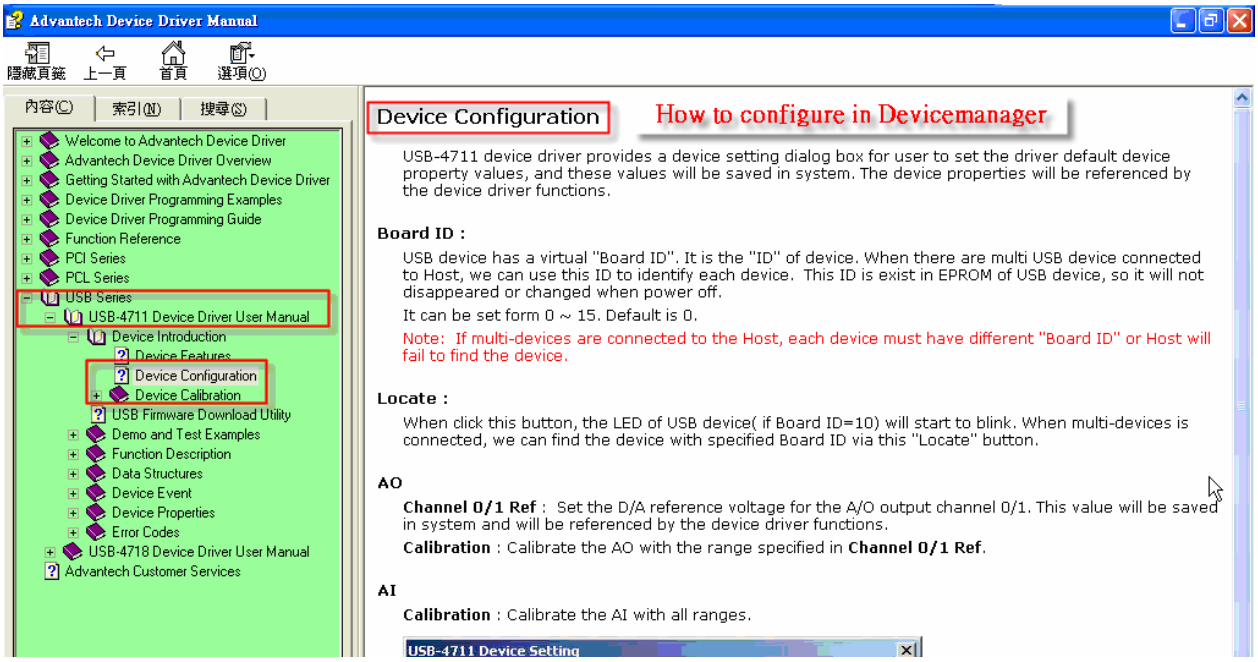
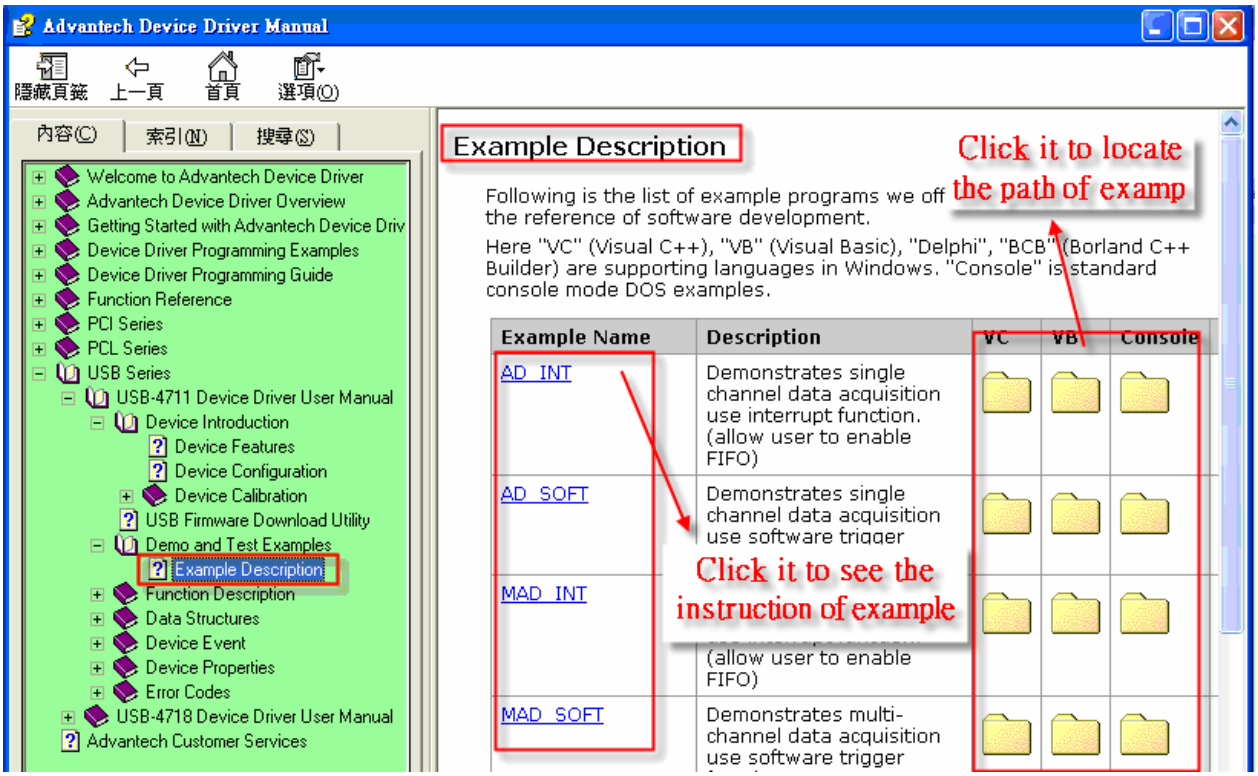


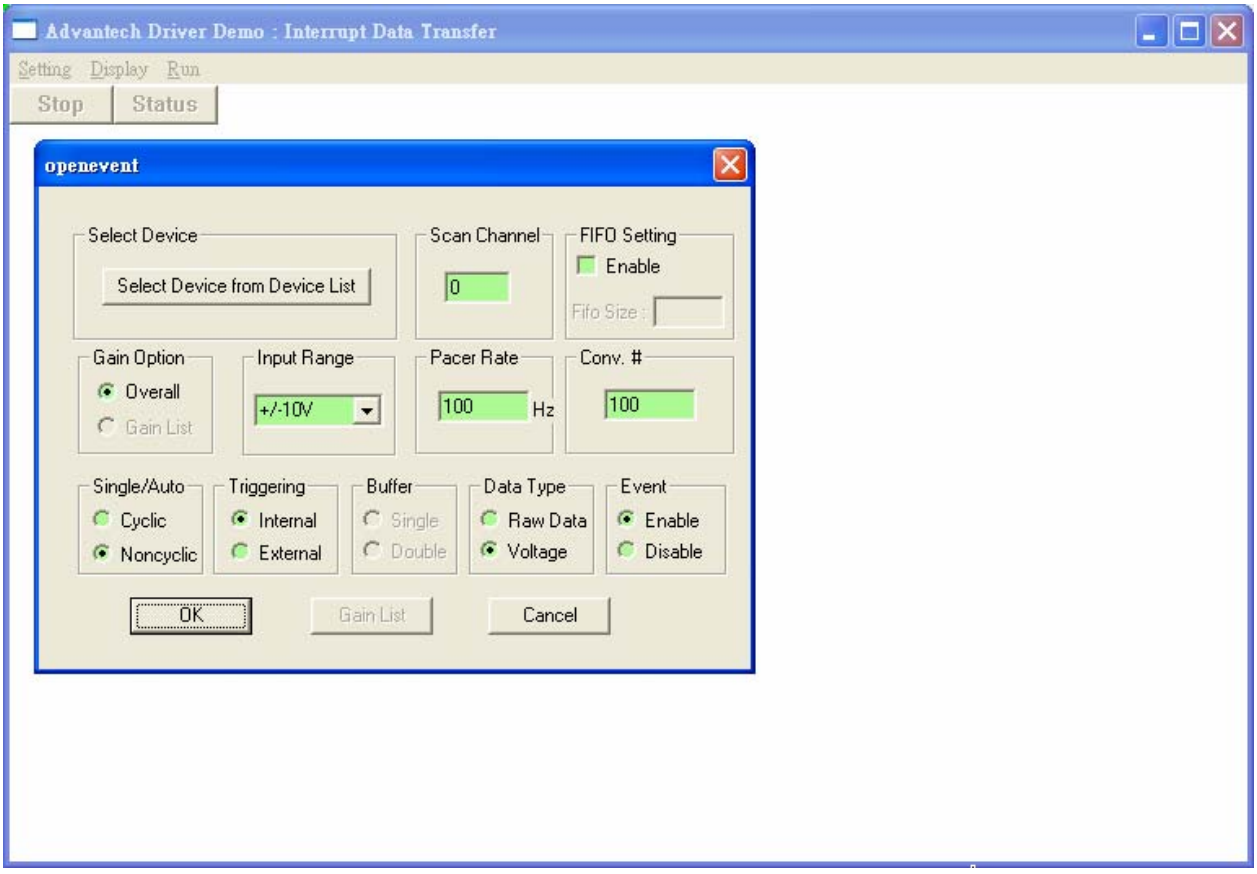
7. There are full of information here.

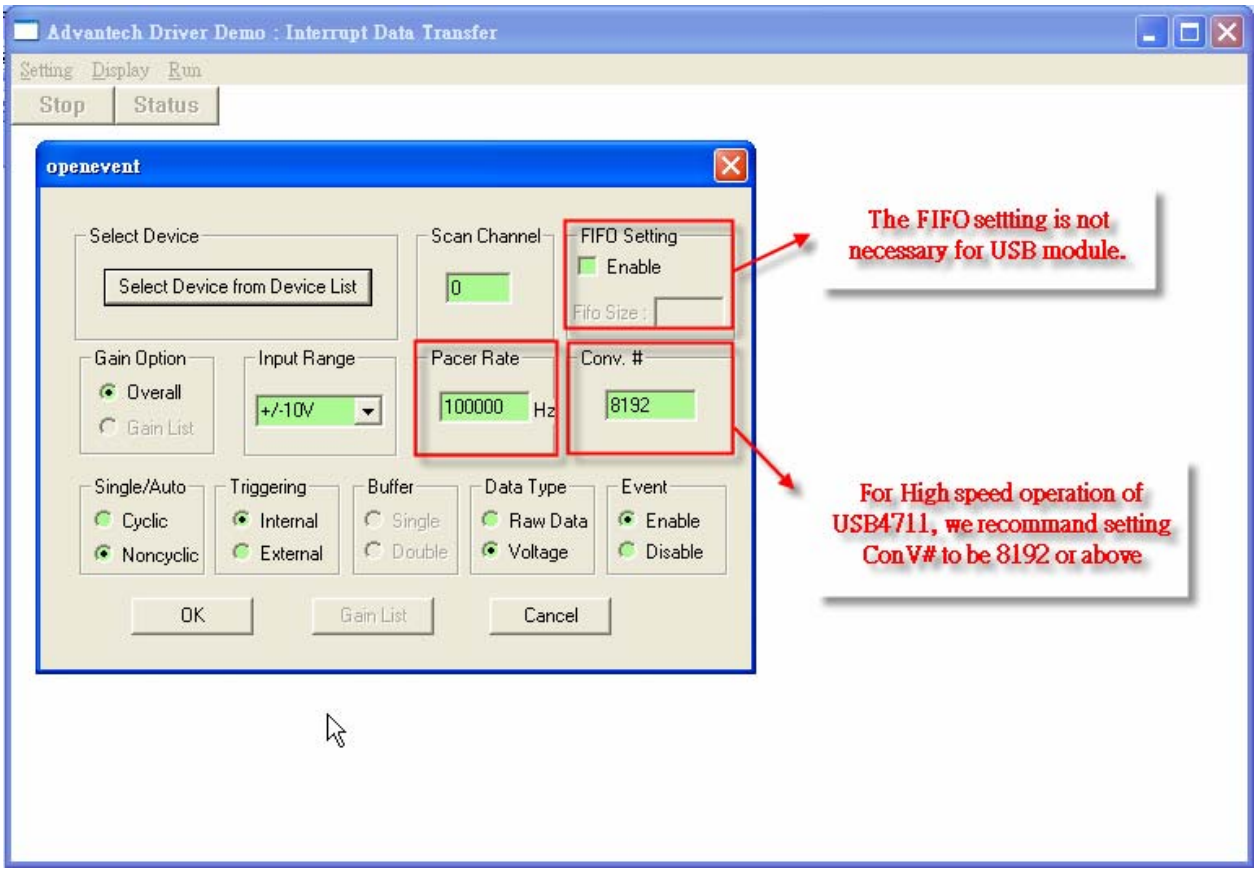


8. It’s helpful if we can know what example can be used for our device. And there are hyperlinks to link with the Example instruction and locate the example path. Please note the example package have to been installed first.

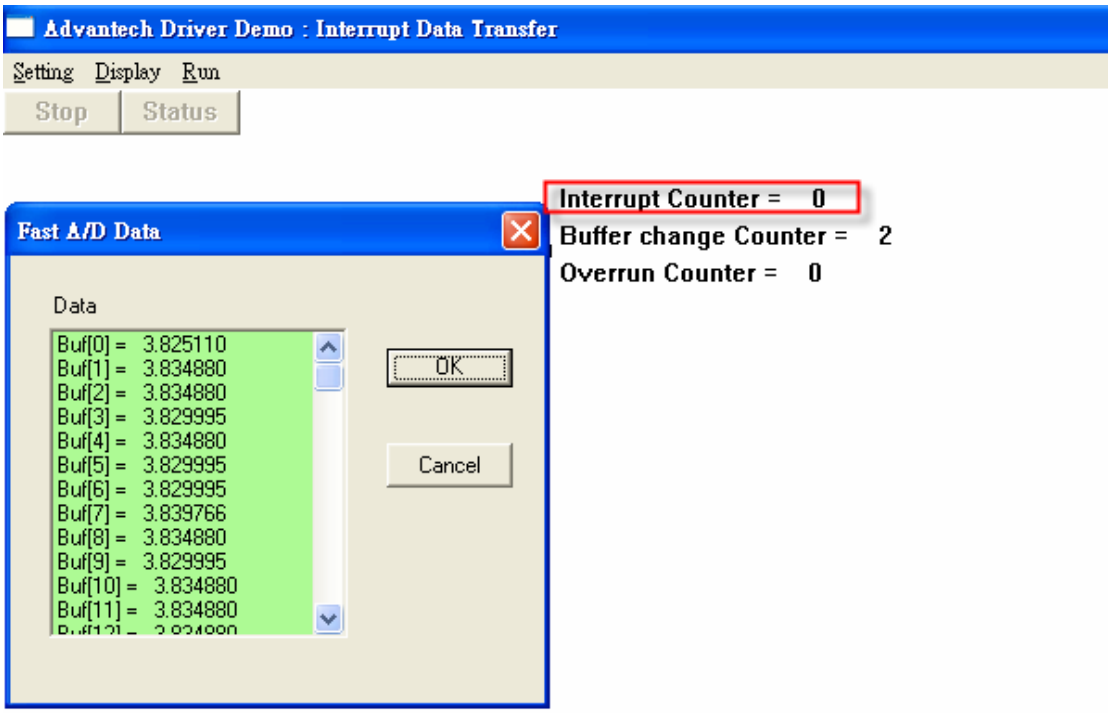


8. Then we can operate the selected example and refer to the source code to write our own program.

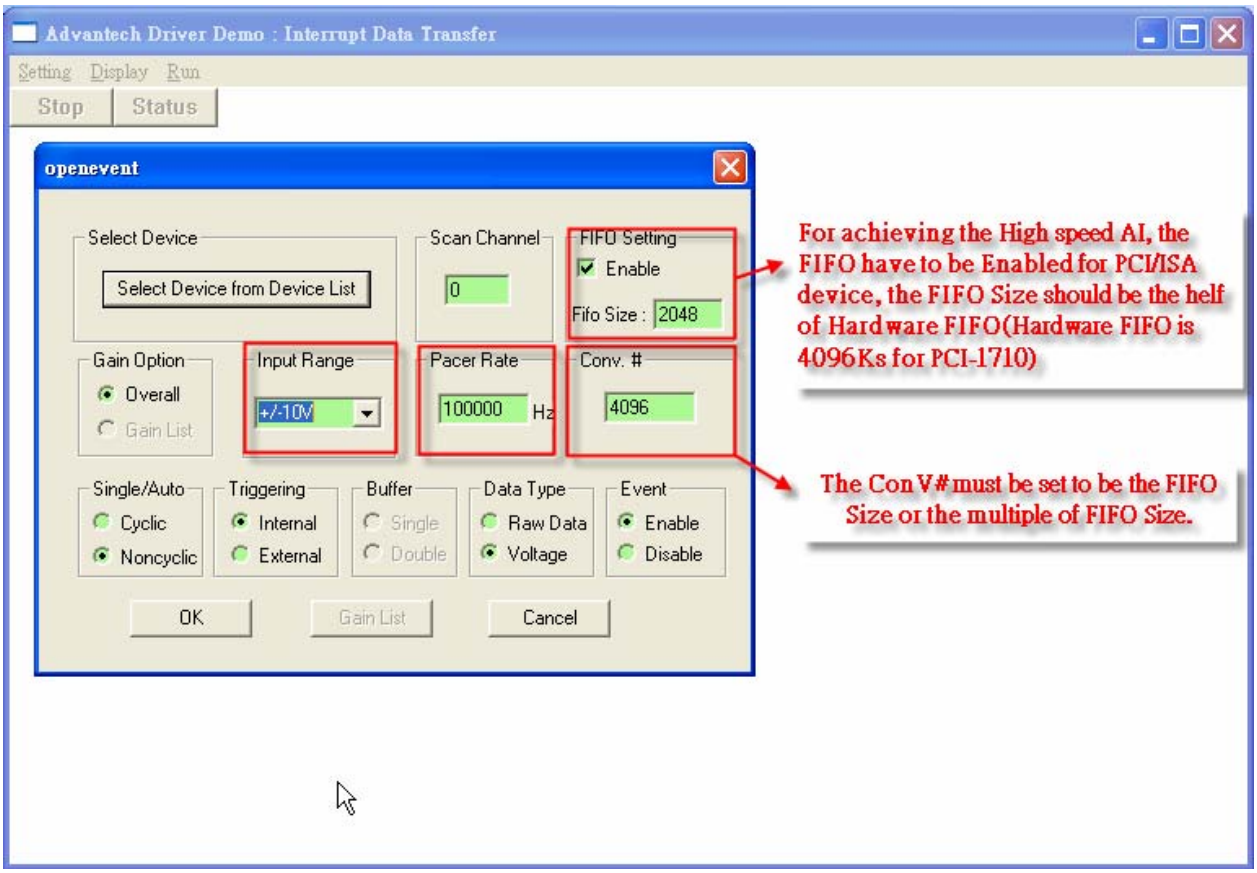




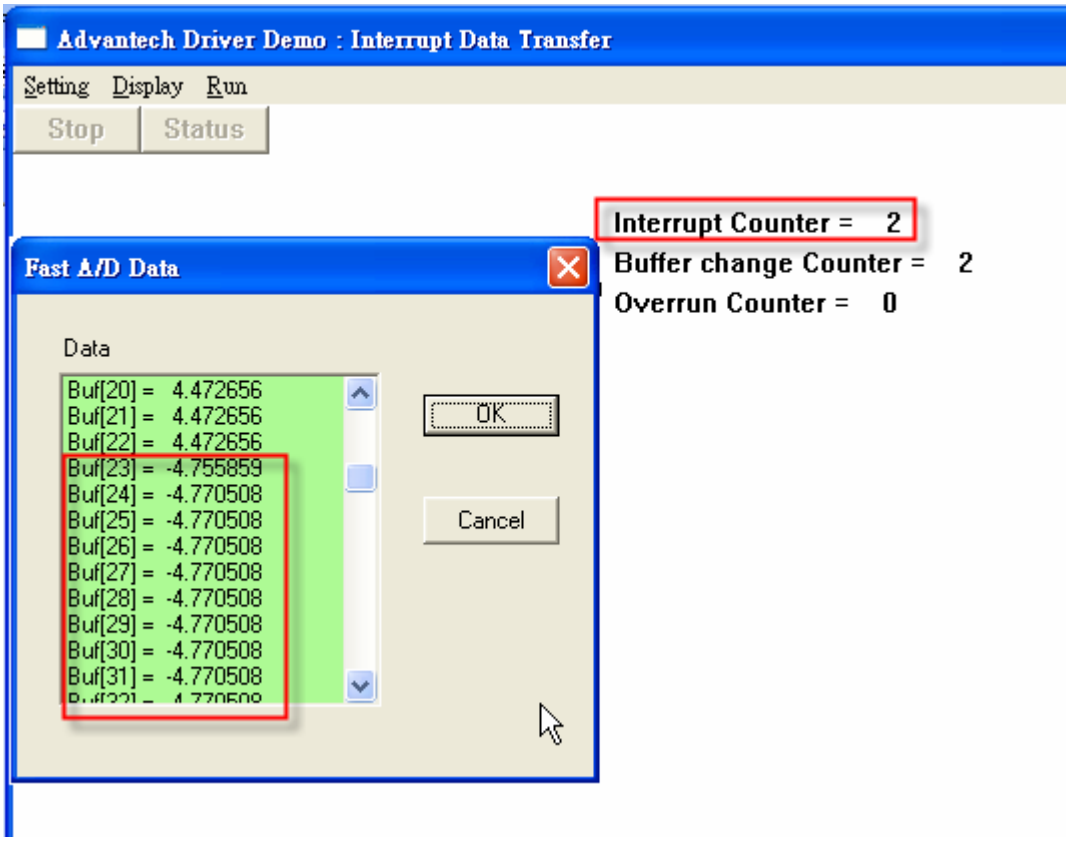
The USB module doesn’t have the Interrupt Counter count.



The setting of PCI/ISA card is as following. (Suppose using PCI-1710)



The PCI/ISA Device have the Interrupt Counter count.



My signal source is 1Khz Square waveform.
When using 100Khz sampling rate to sample the waveform, there should be 100 data to present one cycle of Square waveform. So 50 points are in Low Level and 50 points are in High Level.

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