Advantech AE Technical Share Document

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Category	■ FAQ □ SOP	Related OS	Windows
Abstract	First Step in Using Advantech DAQNavi Example		
Keyword	Example, DAQNavi 4.0, DAQNavi SDK		
Related Product	PCI-1706, PCI-1710U/HGU/UL, PCI-1711U/UL, PCI-1712, PCI-1712L, PCI-1713U, PCI-1714U/UL, PCI-1715U, PCI-1716, PCI-1718HDU/GU, PCI-1720U, PCI-1721, PCI-1723, PCI-1724U, PCI-1727U, PCI-1730U,PCI-1733, PCI-1734, PCI-1735U, PCI-1737U, PCI-1739U, PCI-1741U, PCI-1742U, PCI-1747U, PCI-1750, PCI-1751, PCI-1752U, PCI-1753, PCI-1754, PCI-1756, PCI-1757UP, PCI-1758UDI, PCI-1758UDIO, PCI-1758UDO, PCI-1760U, PCI-1761, PCI-1762, PCI-1780U, PCI-1784U, PCIE-1730, PCIE-1751, PCIE-1752, PCIE-1753, PCIE-1754, PCIE-1756, PCIE-1760, PCIE-1802, PCIE-1810, PCIE-1812, PCIE-1816/H, PCIE-1840/L, PCM-3718H, PCM-3718HO, PCM-3724, PCM-3725, PCM-3730, PCM-3730I, PCM-3753I, PCM-3761I, PCM-3810I, PCM-3813I, PCM-27D24DI, USB-4702, USB-4704, USB-4711A, USB-4716, USB-4718, USB-4750, USB-4751, USB-4751L, USB-4761		

Lots of new users of DAQNavi would get confused why they cannot control the card they actually install in the system. However, the card can be tested in Navigator and everything's fine. This FAQ is to show how to modify the example so that users would be able to get through the first stage.

In DAQNavi framework, we use Device Description and Device Number as a token to access the card. In every console example like ANSI C, C++ and C#, the default device we set in the source code is Demo Device. Thus, the first thing to do is to modify this part to the card you want to control.

■ **Brief Solution - Step by Step**:

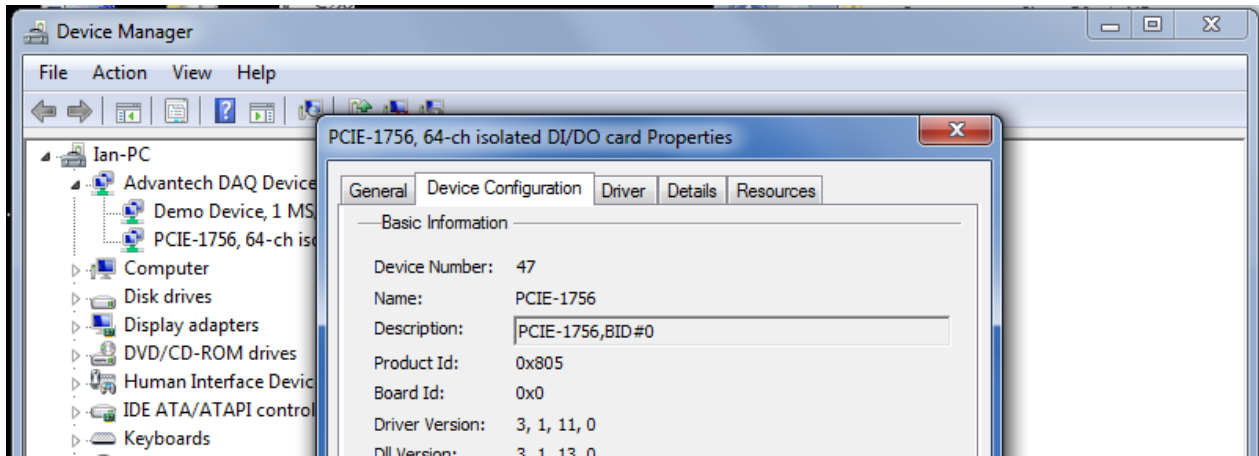In this FAQ, the card to be controlled is PCIE-1756.

1. Get the information in either Navigator or Windows Device Manager.

Navigator: Devices >> Installed Devices >> the one you want to control

Then you'd see both Device Number and Description are listed.

Windows Device Manager: Double click the device and switch to "Device Configuration" tab, all the information are listed.

2. Modify the initiation part.

ANSI_C/C++:

Original:

```
#define   deviceDescription   L"DemoDevice,BID#0"
```

Modified:

```
#define   deviceDescription   L"PCIE-1756,BID#0"
```

C#:

Original:

```
string deviceDescription = "DemoDevice,BID#0";
```

Modified:

```
string deviceDescription = "PCIE-1756,BID#0";
```

3. Build and run the program.

■ **Reference**: