Advantech Device Specific Help

Advantech PCL-730 I/O Cards, V 2.0

The Advantech DLL driver supports the operation of   ADVANTECH data acquisition cards and signal conditioning boards. The following table lists the cards and functions supported:

TABLE 1: Advantech DLL Driver Software Support

Hardware Type	DLL Driver	A/D	D/A	DIO	TEMP	COUNTER	ALARM
PCL-730	adPCL730.drv	NO	NO	YES	NO	NO	NO

A/D=ANALOG INPUT, D/A=ANALOG OUTPUT,   DIO=DIGITAL I/O,
TEMP=TEMPERATURE MEASUREMENT

All cards listed can be used in an IBM PC or compatible.   A series of wiring terminal boards and signal conditioning boards, listed below, are also available for making your applications easier to implement:

* PCLD-774   Analog Expansion Board
* PCLD-786   AC/DC Power SSR and Relay Driver Board.
* PCLD-7216   SSR I/O Module Carrier Board
* PCLD-7224   SSR I/O Module Carrier Board
* PCLD-785B/785   Relay Output Board.
* PCLD-885   Power Relay Output Board
* PCLD-782B/782   Isolated D/I Board.
* PCLD-780   Wiring Terminal Board.
* PCLD-880   Industrial wiring Terminal Board.

I/O CARD FUNCTIONAL DESCRIPTION

32 Channels (bits) of Digital Inputs (16 isolated, 16 TTL-level)
32 Channels (bits) of Digital Outputs (16 isolated, 16 TTL-level)

HARDWARE CONFIGURATION
Before an acquisition board can work properly with the DLL driver software, it must be configured correctly.   You must determine the hardware options (input range(s), I/O address, etc.) which suit your particular requirements.   On all ADVANTECH boards, configuration is a matter of setting jumpers and switches. Read the manual that comes with your ADVANTECH board in conjunction with this help to determine how to configure the hardware.   All ADVANTECH boards are shipped with factory default settings.   If the default configuration is appropriate for your system, no additional set-up is required.

Configuring the PCL-730
Configure the base address according to instructions in your PCL-730 user's manual.