

Windows Quick Start Guide

for Sensoray's Model 826 Multifunction I/O board

This document lists step-by-step instructions for installing model 826 hardware and software and provides an overview of the Windows demo program.

Installation

1. Download the Windows Software Development Kit (SDK), which is available at sensoray.com/826 on the Downloads tab.
2. Run the SDK installer (setup.exe), which will install the device driver and all SDK files.
3. On the 826 circuit board, set the four board ID switches (located near the top of the mounting bracket) using a sturdy, small-tipped device such as a small screwdriver or ball-point pen. If you have just one board, it is recommended to set all switches "off" (away from the board's top edge) to assign ID=0. If you have more than one board, assign a different ID to each board.
4. Shut down the computer.
5. Plug the board into a PCI Express slot and secure it in place with a screw (do this for each board if you have more than one board).
6. Boot up the computer.

Demo Program

Model 826 is an extremely versatile I/O system with advanced capabilities that may seem dauntingly complex to new 826 application developers. As an aid to help you become familiar with the 826, the SDK includes a comprehensive Windows demo that allows you to configure and exercise most of the the board's hardware resources. The demo is useful in all stages of development:

- It allows you to operate the board "out of the box" before you begin writing code.
- You can rapidly modify and experiment with different hardware configurations to accelerate code development.
- You can use it to monitor and change hardware states – while running and debugging your own application software.
- For VB.NET developers, the SDK includes a VisualStudio project with full demo source code.

Further Information

For detailed information about the demo program, please refer to the [online user's guide](#).