

JSB280 DLL Library API Overview

The JSB280.DLL provides a API for the JSB280 Relay modules. It can be used by any programming languages or any applications that supports standard windows DLL Libraries. On the driver CD, included is sample source code for various programming languages. They demonstrated the use of each of the functions in a simple straight-forward manner and can be used as a starting point for user applications. The following is just a quick overview for each of the functions.

1.0 Get Number of Modules

This function returns the number of JSB280 Modules attached to the computers USB port.
`short _stdcall JSB280NumberOfModules()`

2.0 Get the serial number of attached JSB280 Module

This function returns a string that is a unique serial number so when multiple JSB280 modules can be accessed.
`_stdcall JSB280SerialNumber(int nModuleNumber, LPSTR StringReturn, int Size)`

3.0 Get the version of the DLL library

This function returns a string that is the version of the DLL library being used.
`_stdcall JSB280ClassLibraryVersion(LPSTR ptrToReturnString, int Size)`

4.0 Get version of driver

This function returns a string that is the version of JSB280 USB driver being used.
`_stdcall JSB280DriverVersion(LPCTSTR SerialNumber, LPSTR ptrReturnString int Size)`

5.0 Get version of firmware

This function returns a string that is the version of the firmware on the JSB280 module.
`_stdcall JSB280FimrwareVersion(LPCTSTR SerialNumberOfModule)`

6.0 Flash the module LED

This function flashes the LED on the module.
`_stdcall JSB280FlashLed(LPCTSTR SerialNumberOfModule)`

7.0 Check if the relay is closed

This function returns a value of true if the relay on the module is closed, if open returns false.
`Bool _stdcall JSB280IsRelayClosed(LPCTSTR SerialNumberOfModule, char RelayNumber)`

8.0 Close the relay

This function closes the relay on the module with the passed serial number.
`_stdcall JSB280CloseRelay(LPCTSTR SerialNumberOfModule, char RelayNumber)`

9.0 Open the relay

This function opens the relay on the module with the passed serial number.
`_stdcall JSB280OpenRelay(LPCTSTR SerialNumberOfModule, char RelayNumber)`

10.0 Close all the relays

This function closes all the relays on the module with the passed serial number.
`_stdcall JSB280CloseAllRelays(LPCTSTR SerialNumberOfModule)`

11.0 Open all the relays

This function opens all the relays on the module with the passed serial number.
`_stdcall JSB280OpenAllRelays(LPCTSTR SerialNumberOfModule)`