

# JSB350 DLL Library API Overview

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The JSB350.DLL provides a API for the JSB350 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 JSB350 Modules attached to the computers USB port.

`short _stdcall JSB350GetNumberOfModules()`

## 2.0 Get the serial number of attached JSB350 Module

This function returns a string that is a unique serial number so when multiple JSB350 modules can be accessed.

`_stdcall JSB350GetSerialNumber(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 JSB350GetClassLibraryVersion(LPSTR ptrToReturnString, int Size)`

## 4.0 Get version of driver

This function returns a string that is the version of JSB350 USB driver being used.

`_stdcall JSB350GetDriverVersion(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 JSB350 module.

`_stdcall JSB350GetFirmwareVersion(LPCTSTR SerialNumberOfModule)`

## 6.0 Flash the module LED

This function flashes the LED on the module.

`_stdcall JSB350FlashLed(LPCTSTR SerialNumberOfModule)`

## 7.0 Check if the Input is on (above threshold)

This function returns a value of true if the input on the module is on, if off returns false.

`Bool _stdcall JSB350IsInputOn(LPCTSTR SerialNumberOfModule)`

## 8.0 Turn On the Output

This function turns on the output (driver to ground) on the module with the passed serial number.

`_stdcall JSB350OutputOn(LPCTSTR SerialNumberOfModule, BYTE outputNum)`

## 9.0 Turn Off the Output

This function turns off the output on the module with the passed serial number.

`_stdcall JSB350OutputOff(LPCTSTR SerialNumberOfModule, BYTE outputNum)`

## 10.0 Read Input value

This function returns the input value of all the inputs on the module with the passed serial number.

`Int32 _stdcall JSB350GetInput(LPCTSTR SerialNumberOfModule)`