



## Overview

BMP5 Direct SDK allows users to create custom software clients that support communications with one PakBus® datalogger using an RS-232 or IP Port connection. This software development kit includes a simple call-level API (SimplePB.DLL) that acts as a wrapper for the included PakBus communications engine (coralib3d.dll).

## Benefits and Features

- › Allows creation of custom software clients
- › Contains 20 commands
- › Available, at no charge, from: [www.campbellsci.com/downloads](http://www.campbellsci.com/downloads)

## Specifications

### Documentation and Examples Included in Download

- › BMP5 Direct SDK Manual
- › Visual C++ MFC, VB.NET, and C#.NET examples

### Requirements

- › Developer should be familiar with Campbell Scientific's hardware and software.
- › SimplePB.DLL and coralib3d.dll must be installed in the same folder.
- › Datalogger must use the PakBus communications protocol.
- › Only one datalogger can be connected at a time.

## Functions Supported by the SimplePB.DLL Wrapper

- |               |            |                 |                 |                        |
|---------------|------------|-----------------|-----------------|------------------------|
| › OpenPort    | › GetClock | › GetData       | › GetAddress    | › GetLastResults       |
| › ClosePort   | › SetClock | › GetDataHeader | › GetStatus     | › FileControl          |
| › OpenIPPort  | › GetValue | › GetCommaData  | › GetTableNames | › SetSecurity          |
| › CloseIPPort | › SetValue | › File_Send     | › GetDLLVersion | › GetTableRecordsCount |