



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

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 |

