

DC1904 Software Quick Start Guide

DC1223A-B hardware setup for use with DC1904:

1. Position JP5 in the 5V position. Power up the DC1904 (then DC1223A-B derives its power supply from DC1904).
2. Position the JP1 and JP2 jumpers in their default RES positions.
3. Connect the DC1223A-B to the PC USB port and the DC1904 to the DC1223A-B through their 15 pin connectors.

DC1904 Software Installation:

1. Copy the DC1904 files into a directory called DC1904 on the computer's default drive.
2. Run DC1904V9.exe.

Note:

- The serpdv driver must be included in the directory the Labview executable programs are being run from.
- If there are any communication problems make sure the virtual Serial Port being used (COM1, COM2, COM3 etc.) has resources provided for it under the PCs Start- Setting-Control Panel- System-Port Settings window and ensure the FIFO enabled option is selected under this window. Also, do not run the LabView program from COM3 if the PC mouse is running on COM1 because COM1 & COM3 share the same interrupt IRQ line and communication can be adversely effected (same applies for COM2 & COM4 IRQ line). Some batteries don't fully adhere to all the SMBus specifications and you may need to position the JP1 and JP3 jumpers differently to talk to these batteries (but the positions of JP1 and JP3 should match).