Start-Up Kit QCI-DS and QCI-DSP for QCI-D2-IGB Setup Instructions

This SilverLode Start-Up Kit provides a simple means to evaluate and prototype a SilverDust D2-IGB. The SilverDust D2-IGB provides breakout terminals for the SMI Port (I/Os, communication and power) along with connectors for PC COM Port.

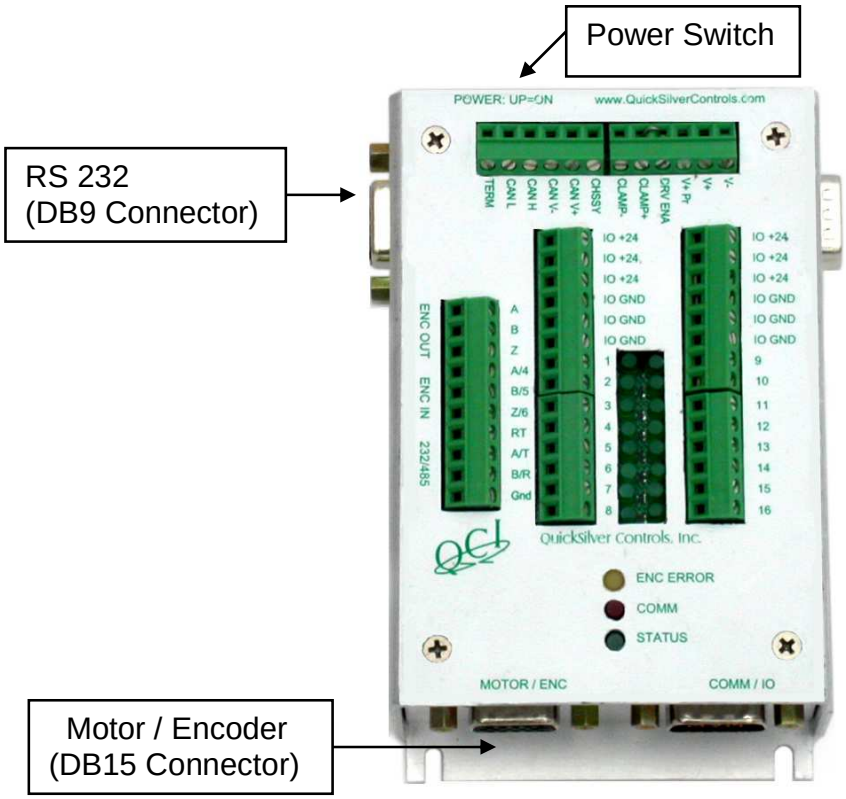
The QCI-DS start-up kit includes:

- Electronic copy of QuickControl® Software, Manual and Command Reference (QCI-EMAN)
- Communication Cable (QCI-C-D9M9F-6)
- 4' DB15HD Motor I/F Cable (QCI-C-D15P-D15S-4)

The QCI-DSP adds

- 210w power supply (S-210-48)
- power cable (QCI-C-ACP-FLY-6)

Note: Motor and Controller are Not Included



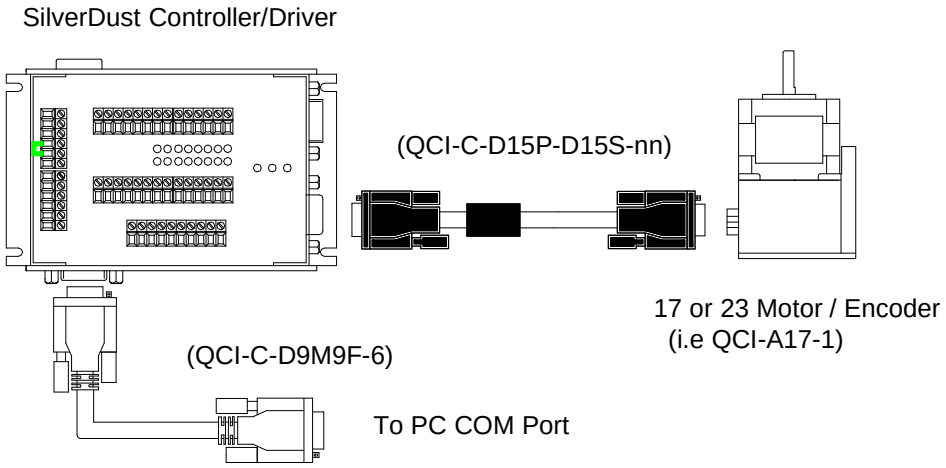
I-Grade SilverDust w/Breakout (QCI-D2-IGB)

Connections refer to the I-Grade SilverDust D2-IGB controller / driver - used with NEMA 17 or 23 frame motors.

Warning: Make sure the power supply is OFF before making any connections.

1. Connecting the SilverDust D2 (IGB) controller/driver to a 17 or 23 frame motor/encoder and PC using the motor interface cable (QCI-C-D15P-D15S-nn) and the Communication Cable (QCI-C-D9M9F-6).

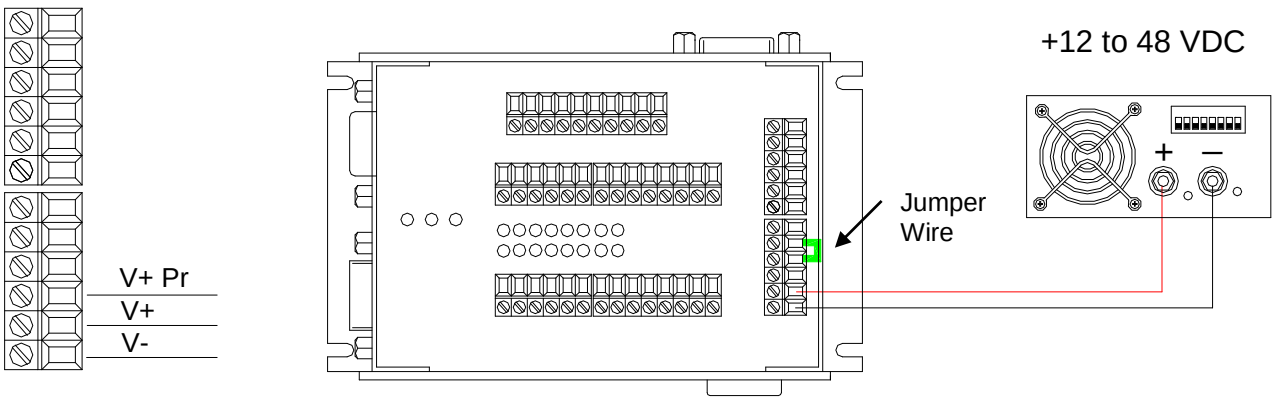
   a. Attach the pin side of the motor interface cable to the SilverDust IGB DB15.
   b. Attach the socket side of the motor interface cable to the motor/encoder DB15.
   c. Attach the pin side of the communication cable to the SilverDust IGB DB9.
   d. Attach the socket side of the communication cable to the PC COM Port.



2. Connecting the power supply.

   *****Power supply wires not provided. Jumper wire required (from Clamp+ to Drv/Ena) for driver operation as indicated in diagram below. (If power supply can provide more than 8 Amps, a 7 amp fuse is suggested in the positive lead.

   a. On the SilverDust D2 IGB, turn the power switch up (ON).
   b. Wire the negative terminal of the PS to the SilverDust IGB V-, and then the positive terminal to V+. (V+ Pr allows for a processor only back-up supply and is not needed)



3. Connect the power supply power and turn on the processor switch on the top side of the QCI-D2-IGB. See document S-210.pdf for wiring information.
4. Install QuickControl® and initialize servo (see Getting Started in the User Manual).

Finished Setup