



## Configuring a National Instruments SC2345/50 Shielded Carrier for use with MiDAS DA

Date Published: March 2010

### Abstract

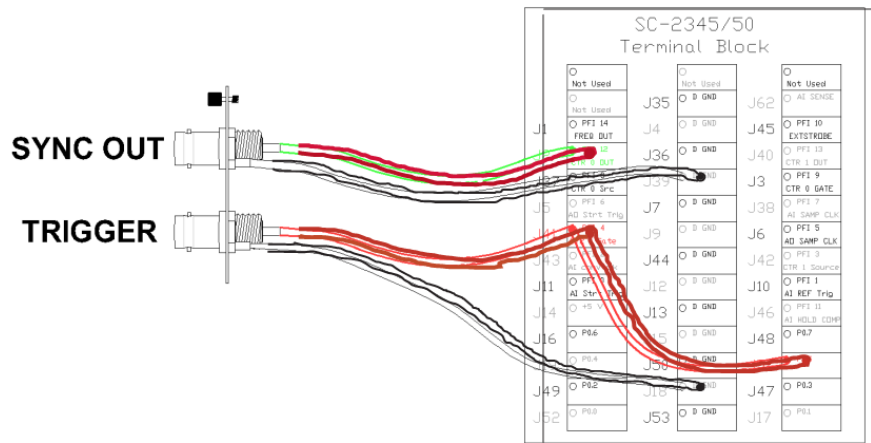
For customers who wish to use Xcitex's MiDAS DA software with a National Instruments SC2345/50 Shielded Carrier, certain hardware connections are required. This application note describes the hardware connections for installing a National Instruments SC2345/50 Shielded Carrier for use with MiDAS DA.

*Note: When purchasing the SC2345/50 Shielded Carrier, purchase an extra dual BNC panellette.*

### Instructions

1. Install the dual BNC panellette in an open chassis slot.
2. Connect one BNC connector to **SYNC OUT**. Connect the red wire to **J2 (PFI 4)** on your terminal block. Connect the black wire to **J18** or any available **DGROUND** as shown in the diagram below.
3. Connect the other BNC connector to your **TRIGGER**. Connect the red wire to **J41 (PFI 4)** on your terminal block. Install an additional jumper wire connecting it from **J41** to **J51 (PO.5)**. Connect the black wire to **J39** or any other available **DGROUND** as shown in the diagram on the next page.

Configuring a National Instruments SC2345/50 Shielded Carrier for use with MiDAS DA



4. Configure your SC2345/50 per the manufacturer's instructions.
5. Connect your high-speed camera, trigger and sync cables per instructions supplied by Xcitex.

---

This application note is copyrighted by Xcitex Inc. and is supplied without specific warranty to any purpose and based on information currently available at the time of this writing. All specifications stated herein are subject to change without notice.

For further information on Xcitex products, visit [www.xcitex.com](http://www.xcitex.com) or send an email to [info@xcitex.com](mailto:info@xcitex.com).

Xcitex Inc.  
25 First Street, Suite 105  
Cambridge, MA 02141 USA

