COMPREHENSIVE SERVICES

We offer competitive repair and calibration services, as well as easily accessible documentation and free downloadable resources.

SELL YOUR SURPLUS

We buy new, used, decommissioned, and surplus parts from every NI series. We work out the best solution to suit your individual needs.

Sell For Cash Get Credit Receive a Trade-In Deal

OBSOLETE NI HARDWARE IN STOCK & READY TO SHIP

We stock **New, New Surplus, Refurbished,** and **Reconditioned** NI Hardware.

APEX WAVES

Bridging the gap *between the manufacturer and your legacy test system.*

1-800-915-6216

www.apexwaves.com

sales@apexwaves.com

All trademarks, brands, and brand names are the property of their respective owners.

Request a Quote CLICK HERE ***SCXI-1160***

NOTE TO USERS

NI SCXI™-1160/1161 Jumpers

このドキュメントには、日本語ページも含まれています。

The NI SCXI-1160/1161 has two jumpers that are dedicated for communication between the NI SCXI-1160/1161 and the controller. On the NI SCXI-1160, these jumpers are W1 and W5. On the NI SCXI-1161, these jumpers are W1 and W2.

In addition, the NI SCXI-1160/1161 has three jumpers that indicate to the module what type of controller is connected to its rear connector. On the NI SCXI-1160, these jumpers are W2, W3, and W4. On the NI SCXI-1161, these jumpers are W3, W4, and W5. You may need to change the jumpers of this cabled module. For modules not cabled to a controller, the jumper settings are irrelevant.

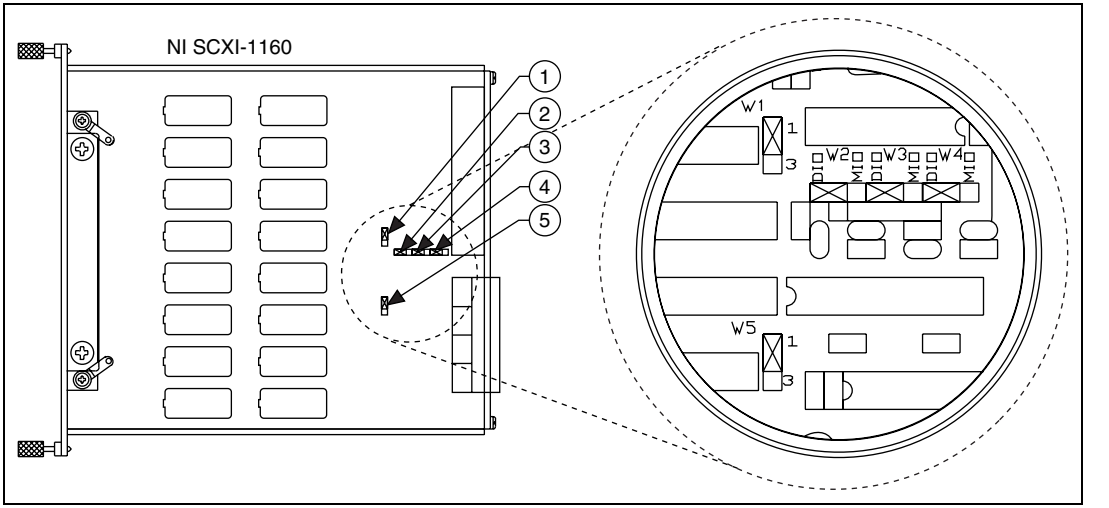
NI SCXI-1160

To control the NI SCXI-1160 with an E Series device, NI 4021, or NI digital multimeter (DMM), set jumpers W2, W3, and W4 for multifunction I/O (MIO) communication. Refer to Table 1 and Figure 1.

Table 1. NI SCXI-1160 Jumpers

Jumper	Setting
W1	**1-2**, 2-3
W2	**DIO** (controller is digital I/O (DIO) device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W3	**DIO** (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W4	**DIO** (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W5	**1-2**, 2-3
Note: Factory settings of the NI SCXI-1160 jumpers are bold.	

NATIONAL INSTRUMENTS™



1 W1	3 W3	5 W5
2 W2	4 W4	

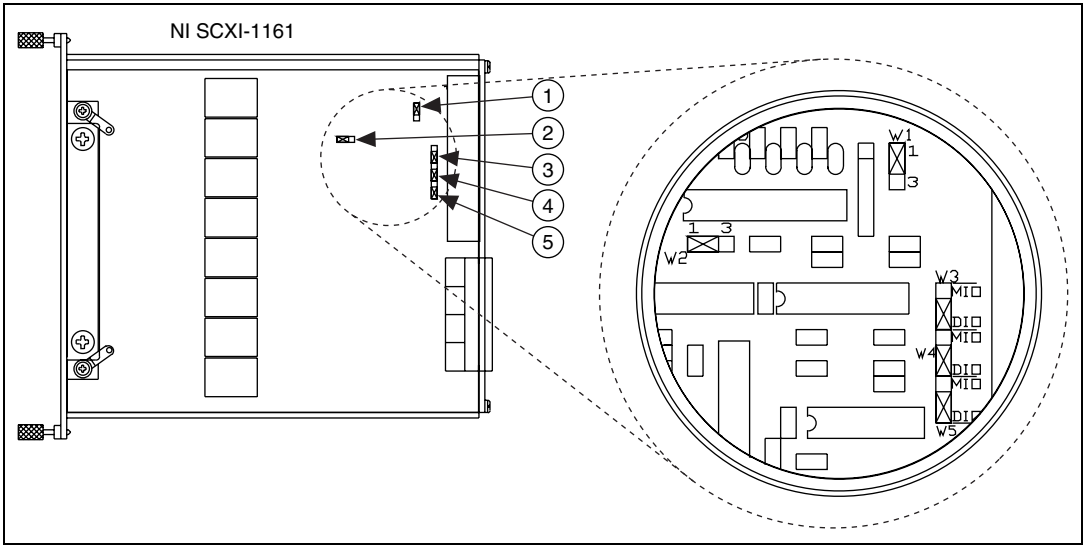
Figure 1. NI SCXI-1160 Jumper Locations (Default)

NI SCXI-1161

To control the NI SCXI-1161 with an E Series device, NI 4021, or National Instruments DMM, set jumpers W3, W4, and W5 for MIO communication. Refer to Table 2 and Figure 2.

Table 2. NI SCXI-1161 Jumpers

Jumper	Setting
W1	**1-2**, 2-3
W2	**1-2**, 2-3
W3	**DIO** (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W4	**DIO** (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W5	**DIO** (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
Note: Factory settings of the NI SCXI-1161 jumpers are bold.	



1 W1	3 W3	5 W5
2 W2	4 W4	

Figure 2. NI SCXI-1161 Jumper Locations (Default)

National Instruments, NI, ni.com, and LabVIEW are trademarks of National Instruments Corporation. Refer to the *Terms of Use* section on ni.com/legal for more information about National Instruments trademarks. Other product and company names mentioned herein are trademarks or trade names of their respective companies. For patents covering National Instruments products, refer to the appropriate location: **Help»Patents** in your software, the patents.txt file on your CD, or ni.com/patents.

© 2004–2007 National Instruments Corporation. All rights reserved.

373831B Dec07