Getting Started with NI-IMAQ[™] for IEEE 1394 Cameras

Version 1.1

Perform the following instructions to get started using NI-IMAQ for IEEE 1394 Cameras:

- 1. Disconnect all IEEE 1394 cameras.
- 2. Install the NI-IMAQ for IEEE 1394 Cameras software.
- 3. Connect your camera.
- 4. Run Measurement & Automation Explorer.
 - a. Double-click the Measurement & Automation (MAX) icon on your desktop. You can use MAX to modify camera properties. Once you have saved these properties, they become your default settings for all NI-IMAQ for IEEE 1394 Cameras or IMAQ Vision applications.
 - b. Click the plus sign next to Devices and Interfaces to display a list of your installed IEEE 1394 IMAQ devices.

🔯 Generic 1394 Desktop Camera - Measurement & Automation Explorer 🛛 📃 🛛				
File Edit View Tools Help				
📔 🔛 Properties 📔 🔲 Save 🛛 🕪 Snap 🛛 🕨 S	rab <u>MA</u> Histogram			
Configuration	💼 🔤 Gen	eric 1394 Desktop Camera	🐠 Show/Hide	
My System My System My Devices and Interfaces My AQ IEEE-1394 Devices My AQ IEEE-1394 Devic	Name Manufa Camera	Value acturer		
 IVI Instruments IVI Software IVI Remote Systems 	I▶ Snap	Generic 1394 Desktop Camera SONY DFW-SX900 NI-IMAQ IEEE 1394 Digital Camera		
	Grab Save Save as Properties	Attributes		
NI-IMAQ IEEE 1394 Digital Camera				

IMAQ[™], National Instruments[™], NI[™], ni.com[™], and NI-IMAQ[™] are trademarks of National Instruments Corporation. 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. July 2002 322885B-01

NATIONAL

ni.com



© 2001–2002 National Instruments Corp. All rights reserved.

- c. If your camera does not show up as a NI-IMAQ IEEE 1394 digital camera, switch the driver by right-clicking the camera and selecting **Driver**»**NI-IMAQ IEEE 1394 Digital Camera**.
- d. Click the **Properties** button on the toolbar to view or modify the camera file.
- 5. Acquire an image.
 - a. Select the camera and click the **Properties** button on the toolbar to view or modify the camera features.
 - b. Click the **Snap** button on the toolbar to acquire your first image. Select the **IMAQ** tab to view your image.
 - c. Click the **Grab** button on the toolbar to acquire images continuously. This allows you to focus your camera. Select the **IMAQ** tab to view your images.



	₿ r
-	



322885B-01

Jul02