

N4865A GPIB-to-LAN Adapter

Quick Start Guide - Connecting to an Agilent 7000 or 9000 Series Oscilloscope

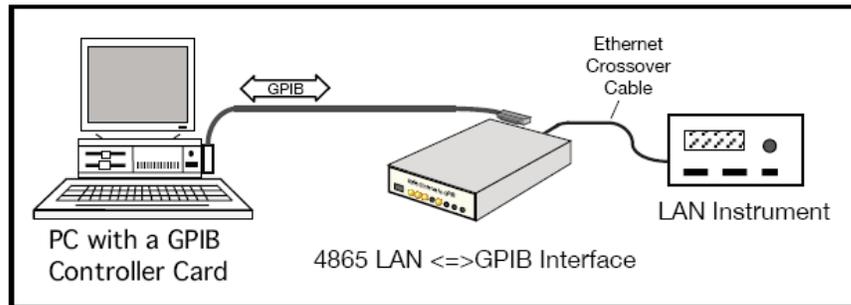
The N4865A GPIB-to-LAN adapter provides a GPIB interface for VXI-11.3 compatible LAN-based oscilloscopes such as the Agilent 7000 and 9000 Series. Using the N4865A, GPIB applications running on a computer can transparently interface to a LAN-based VXI-11.3 instrument as if it were a GPIB device.

The general procedure for connecting the GPIB-to-LAN adapter to an oscilloscope and PC is the following:

- Configure the IP address on your oscilloscope before turning on the N4865A or connecting any cables. This process will be different depending on whether you have an Infiniium 9000 Series or an InfiniiVision 7000 Series oscilloscope.
 - **Infiniium 9000 Series:** Minimize the oscilloscope application. Click on **Start > Control Panel > Network Connections > Local Area Connections > Properties**. Then uncheck all of the boxes in the **This Connection Uses the Following Items** field. Next, check the **Internet Protocol (TCP/IP)** box and press the **Properties** button. Check the **Use the Following IP Address** radio button and then set the IP address and subnet mask (see next page for details on the default values for these fields).
 - **InfiniiVision 7000 Series:** Click on the **Utilities** button on the front panel. Then press the **I/O** softkey followed by the **LAN Reset** softkey in the subsequent menu. The oscilloscope will connect automatically (it may take up to 180 seconds for the configuration to occur).



- Connect the oscilloscope (LAN instrument), GPIB-to-LAN adapter, and PC using the GPIB and Ethernet Crossover cables as shown in the diagram below. Plug the Ethernet Crossover cable into the RJ-45 receptacle on the N4865A's rear panel and to the oscilloscope's RJ-45 connector. Use the GPIB connector to connect the N4865 to the GPIB controller.



- Connect the USB power cord to the GPIB-to-LAN adapter and to a USB 1.0 or 2.0 port on the oscilloscope or PC. If this USB power cord becomes damaged, contact your local Service Center.
- Switch the N4865A power switch to the ON position.
- If the IP addresses are changed on either instrument, you should power down the N4865A and oscilloscope and start them back up again.

The default IP address for the GPIB-to-LAN adapter is 169.254.48.65 (for detailed instructions on changing the IP address of the N4865A, please see section 2.5.1 of the full manual included on the documentation CD). The oscilloscope's IP address must be in the same B range (meaning it must have the form 169.254.XX.XX where XX can be any number between 0 and 254) unless the subnet mask is changed. The default subnet mask is 255.255.0.0. For the InfiniiVision 7000 Series oscilloscopes, you can also set both the adapter and the oscilloscope to use Auto IP (not DHCP) addresses.

The default GPIB address for the N4865A is 4. For detailed instructions on changing the GPIB address of the N4865A, please see section 2.5.1 of the full manual included on the documentation CD.

For problems involving the connection of the N4865A GPIB-to-LAN adapter to an Agilent oscilloscope or with the functionality of the N4865A, please contact Agilent's technical support or your local Service Center. You can determine this contact information by visiting www.agilent.com.



* 9 3 2 0 - 6 6 7 9 *

示波器附件 OSCILLOSCOPE ACCESSORY		有毒有害物质或元素					
部件名称 Part Name		Toxic or Hazardous Substances and Elements					
		铅 Pb	汞 Hg	镉 Cd	六价铬 CrVI	多溴联苯 PBB	多溴二苯醚 PBDE
金属机架和面板	Metal chassis and panels	○	○	○	×	○	○
金属扣件	Metal fasteners	○	○	×	×	○	○
机械部件	Machined parts	×	○	○	○	○	○
连接器	Connectors	×	○	○	×	○	○
电缆	Cables	×	○	○	○	○	○
印制电路板	Printed circuit assemblies	×	○	×	○	○	○
其它部件	Other parts	○	○	○	○	○	○

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.

如果上述表单多于一个，请参考您的订单或者装箱单从上述表格中找到适合您的产品的列表。

If more than one table is shown above, reference your order or packing list to determine which is applicable to your product.

若您需要了解有关本产品的生产日期信息，请联系您的安捷伦销售代表。

If you have a question about the manufacturing date for your product, ask your Agilent representative

有关如何与安捷伦联系的信息，请参考产品使用手册。

For Agilent contact information, please reference your product manual.

根据中国《电子信息产品污染控制管理办法》的规定，安捷伦已经为本产品标识了显示其环保使用期限的数字。该数字是对本产品在正常使用和操作条件下的使用寿命的评估，其使用和操作条件已经在产品使用手册上做出了明确的规定和说明。该数字仅为与《管理办法》为目的的活动提供参考；并不意味着并担保本产品在环保使用期限过期前免于损坏。该环保使用期限不代表任何担保或保证。该环保使用期限数字不改变任何创立的担保；并且不影响与该产品销售相关的任何方面、任何项目及条件。您使用的安捷伦产品可能包含一些可替换的零部件（包括驱动器、电源、鼠标、显示器或者电池等非安捷伦制造的产品），他们的环保使用期限比安捷伦产品本身的环保使用期限短。对于这些非安捷伦制造的零部件标识其环保使用期限数字，其本身标的EPUP有高的优先权，安捷伦对非安捷伦制造的产品环保使用期限没有任何主张也不负任何责任。

In accordance with the requirements of China's Administrative Measure on the Control of Pollution Caused by Electronic Information Products (the "Measure"), Agilent has labeled this product with a number identifying its Environment-Protection Use Period ("EPUP") This number reflects an estimate of the expected life of the product under the normal use and operating conditions as defined in the product user manual which is distributed with the product. Use of the number is only for purposes related to the Measure and does not imply or guarantee that the product is free from defects prior to the EPUP expiration date. No warranties or guarantees are implied by use of the EPUP number. Use of the EPUP number does not alter any warranties found in, nor affect in any way, the terms and conditions associated with the purchase of this product.

Your Agilent product may contain replaceable assemblies/components (including disk drive, power supply, mouse, display, or battery, which are not manufactured by Agilent) which have a shorter EPUP number than that which is indicated on the product itself. In cases where the assembly, component, or part is labeled with an EPUP which differs from the one indicated by Agilent, the EPUP on the assemblies/component or part takes precedence. Agilent makes no claims concerning, and takes no responsibility for the EPUP numbers reflected on goods which are not manufactured by Agilent.

Revision: D

N4865A GPIB-to-LAN Adapter Quick Start Guide - Connecting to an Agilent 7000 or 9000 Series Oscilloscope

© Agilent Technologies, Inc. 2009

Printed in USA, June 2009



Document part number: N4865-97001

