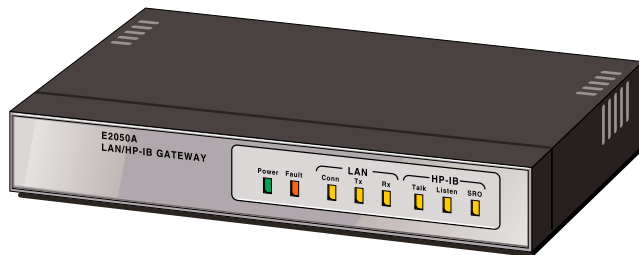

LAN/HP-IB Gateway HP E2050A

Technical Specifications

- **Low cost access to HP-IB instrumentation via LAN**
- **Allows separation between controller and instruments**
- **Resource sharing—people and instruments**
- **Leverage your existing network and systems**
- **Distributed control of HP-IB instruments**



Description

The LAN/HP-IB Gateway provides **low cost access to HP-IB instrumentation over an existing LAN**. It allows the use of SICL- or VISA-based applications designed for HP-IB over the LAN without modifying the application beyond a simple address change.

The gateway is a combination of hardware and SICL/ VISA software. It uses client/server technology to extend the standard SICL/VISA functions to control HP-IB instrumentation located remotely on the LAN. This gives you the opportunity to put your controller at an alternative, more convenient, or safer location. Therefore, you can go through the gateway instead of an HP-IB interface card.

Gateway Connection

To provide this gateway separation, the test application becomes a client and the instrumentation becomes a server. The connection between client and server is through the TCP/IP protocols already present in your controller and provided in the LAN/HP-IB Gateway. The client side of the system performs the user interface, graphics, report generation, and data analysis functions. The server side provides the access and control of the test instrumentation.

The SICL/VISA software lets you control instrumentation over the LAN using standard SICL/VISA functions. You use your existing SICL- or VISA-based applications with the LAN/HP-IB Gateway by simply changing the address. By using the standard LAN capabilities included on many PCs and workstations, instrument control can be driven from a computer that does not (or cannot) have a special interface for instrument control. The LAN/HP-IB Gateway is the link between the LAN that your computer understands and the instrument-specific HP-IB interface that your instrument understands.

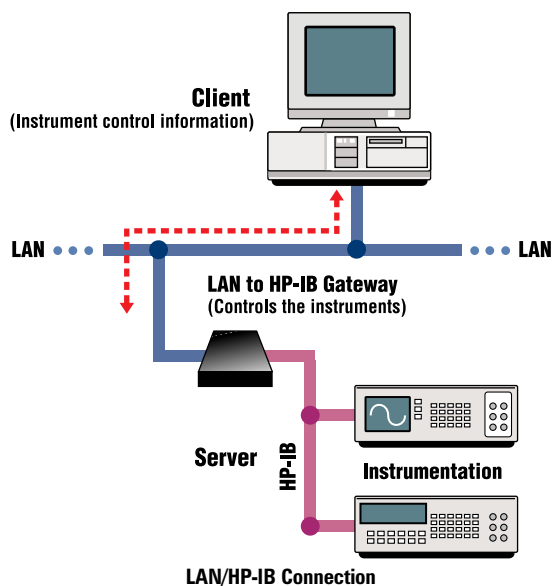
Specifications

Interface Characteristics

Operating system:	HP-UXWin 95
Controller:	Series 700*PC**(external or embedded)
I/O library:	SICL/VISA
Backplane:	n/a
Max. I/O speed:	n/a
Buffering:	none
Languages:	C/C++ + HP BASIC HP VEE

Ordering Information

Description	Product No.
LAN/HP-IB Gateway	HP E2050A
HP-UX operating system	HP E2050A AG1
MS Windows	HP E2050A AG6
Rack mount kit for LAN/HP-IB Gateway	HP E2051A



Data Subject to Change
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