

**Remotely control multiple instrument buses
from any LAN client.**

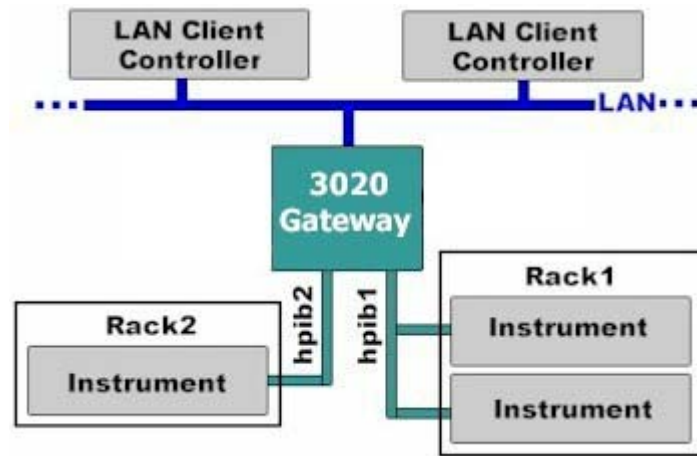
- Multiple GPIB over LAN.
- Expandable and upgradeable
- Supported on Linux, HP-UX, & Windows

Overview

TAMS 3020 LAN I/O Gateway facilitates remote access to multiple instrument buses via LAN. The Gateway enables users of I/O applications to obtain measurement data from GPIB (HP-IB, IEEE-488) instrumentation.

Because the Gateway communicates with workstations or PC's by LAN, there are virtually no constraints on the distance between the computers and the instruments. This eliminates the short distance constraints normally associated with GPIB.

A typical application for the Gateway would have it located at the instrument rack. The Gateway may be configured with up to three GPIB interfaces to control multiple instrument racks.



Software

The software to operate the Gateway is factory installed in the box and may be remotely configured using the **telnet** command available on any workstation that has networking software installed. No other client-side software is needed to configure the box through **telnet**.

[SICL and VISA](#) give the user the ability to communicate with remote instruments in the same manner as if they were connected locally. The TAMS 3020 Gateway can handle application programs written in SICL and VISA simultaneously. Only the LAN address of the Gateway must be added to SICL or VISA commands in order to provide Gateway functionality. The TAMS 3020 LAN I/O Gateway is supported with the following I/O products:

- Agilent SICL/ VISA I/O Libraries for HP-UX 10.20
- TAMS SICL/ VISA I/O Libraries for HP-UX 11i
- Agilent SICL/ VISA I/O Libraries for Microsoft Windows 98, 2000 or XP Pro
- TAMS SICL/ VISA I/O Libraries for Red Hat Linux

[\[more SICL/VISA info\]](#)

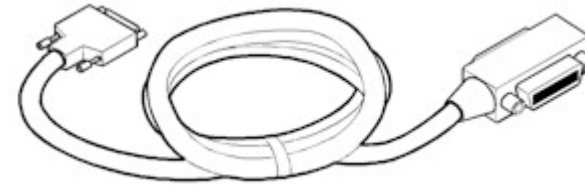
Manual

TAMS 3020 LAN I/O Gateway User Manual (pdf coming soon)

TAMS 488 cables are not included with the 3020 LAN Gateway.

TAMS 488 Cables:

Our cable is a high density connector on one end and a standard GPIB connector on the other. Our card uses a smaller, high density connector so as to be in full compliance with the PCI specification. A standard GPIB connector on a PCI card is actually wider than the PCI specification allows. With a standard GPIB connector and cable, it can be impossible to connect the cable to some computers. The large connectors often interfere with the case or adjacent expansion slots. This stresses the cable, card or connection. Our high density connector allows multiple cards to be installed in adjacent slots without cable interference or connection strain.



GPIB Cable with high density connector

488-001	2-meter
488-004	4-meter
488-006	6-meter

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