AD007
GPIB-LAN Adapter
Read This First

071-0246-00

Important !

Contact your network administrator before connecting the AD007 adapter.

1. **Fill out the Network Information Card.** ☞

   ### User
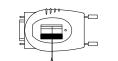   ☐ Copy the Ethernet hardware address of the AD007 adapter onto the card.

   ☐ Give these instructions and the card to the network administrator.

   ### Network Administrator or Network Technician
   ☐ Assign the IP address/hostname to the adapter.

   ☐ Set up the network for the adapter. Refer to the network protocols on the back of the card.

   ☐ Copy the IP address onto the card. Please comment on the card whether or not the network supports one of the boot protocols used by the adapter (DHCP or BOOTP).

   ☐ If the network does not support DHCP or BOOTP, please note the subnet mask and router address on the card.

   ☐ Identify the network drop (subnet) that the user must connect the adapter to.

   ☐ Photocopy the card for your records if necessary. Return the original card and these instructions to the user.

2. **Refer to the *Getting Started* section in the AD007 User Manual for further installation instructions.**

Network Information Card
AD007 GPIB-LAN Adapter

Ethernet Hardware Address_____:_____:_____:_____:_____:_____
(User: copy from the label on the back of the AD007 adapter)

Internet (IP) Address_____._____._____._____
(Network Administrator: for ease of set up, a static IP address is preferred)

Host Name_____

Does network support DHCP or BOOTP? Yes ❏ No ❏
If no, please note:
Subnet mask _____._____._____._____
Router address _____._____._____._____
(Enter these numbers on network setup page of the adapter, refer to user manual)

Network drop (subnet) number and/or physical location
_____
(assigned by network technician)

Comments

(Network Administrator: Photocopy this card for your records. Return the original card to the user.)

Network Protocols Supported by the AD007 GPIB-LAN Adapter

Name	RFC	Role	When	Purpose
ARP	826	Peer	As needed	Maps IP address to Ethernet address
BOOTP	951	Client	Power-up	AD007 requests IP configuration information
DHCP	2131, 2132	Client	Power-up lease renew	AD007 requests IP configuration information
DNS	1035	Client	As needed	AD007 resolves DNS names to IP addresses
TIME	868	Client	Power-up	AD007 requests current time
FTP	959	Server	Upgrade	Downloads new firmware into AD007
HTTP	1945, 2068	Server	User setup	Web pages/forms for AD007 configuration
ICMP	792	Server	As needed	AD007 answers ECHO requests (ping)
LPD	1179	Client	Printing	AD007 transmits print jobs to other LPDs
RPC	1831, 1832, 1833	Server	User	Controls GPIB instruments using VXI11

Before You Proceed

Before you proceed with the rest of the installation, make sure you can answer yes to the following questions:

☐ Does the network administrator have the Ethernet Hardware address of the AD007 adapter?

☐ Do you have the IP address and/or host name that the network administrator has assigned to the AD007 adapter?

☐ Do you have a DHCP/BOOTP server –or– do you have the IP address, subnet mask, and default router address that the network administrator has assigned for manually configuring the AD007 adapter?

☐ Do you know where the assigned network connection is?