

Serial-Stat™

XC-LAN232 Ethernet Add-On Adapter

TCP/IP (Internet Protocol) Addressable Interface

Enables XCI Systems on Any TCP/IP LAN

(1) RS-232C and (1) 10BaseT Port

GENERAL DESCRIPTION

The XC-LAN232 is a complete Local Area Network adapter designed to work the XC-SSA family of serial communications controllers. The XC-LAN232 includes all of the necessary intelligence to enable Plug-N-Play capability between any 10BaseT LAN and any XCI Thermostat network. The LAN232 allows simple integration with any XCI Network and a personal computer. One RS-232C and one 10BaseT port is included with the adapter for complete versatility of environments. The unit ships complete with a power supply and a 10BaseT LAN connection cable. Also included is XCI's ComPort redirector software that allows the Com port on the host PC to be automatically redirected to the TCP/IP address selected for the XC-LAN232 adapter. Installation and set-up takes only minutes to complete. With the TCP/IP addressing, any XCI network can now be accessed over the Internet!



Standard Features

Hardware

- One RS-232 Serial Port; 25 pin female Sub-D jack
- One 10BaseT Port; standard RJ-45 receptacle
- 10BaseT Network Patch Cord Included
- 9-25 Pin Serial Cable included for connection to any XC-SSA Network Controller
- Separate 12VDC power transformer included
- Firmware updates can be done with the TFTP protocol over the LAN or Internet
- Rugged aluminum case with mounting wings
- Advanced protection circuitry for data inputs/outputs
- Full TCP/IP addressing allowed for connection to any networks of any size

RS-232 Features

- Connects directly to the Network Controller Modem port

10BaseT Features

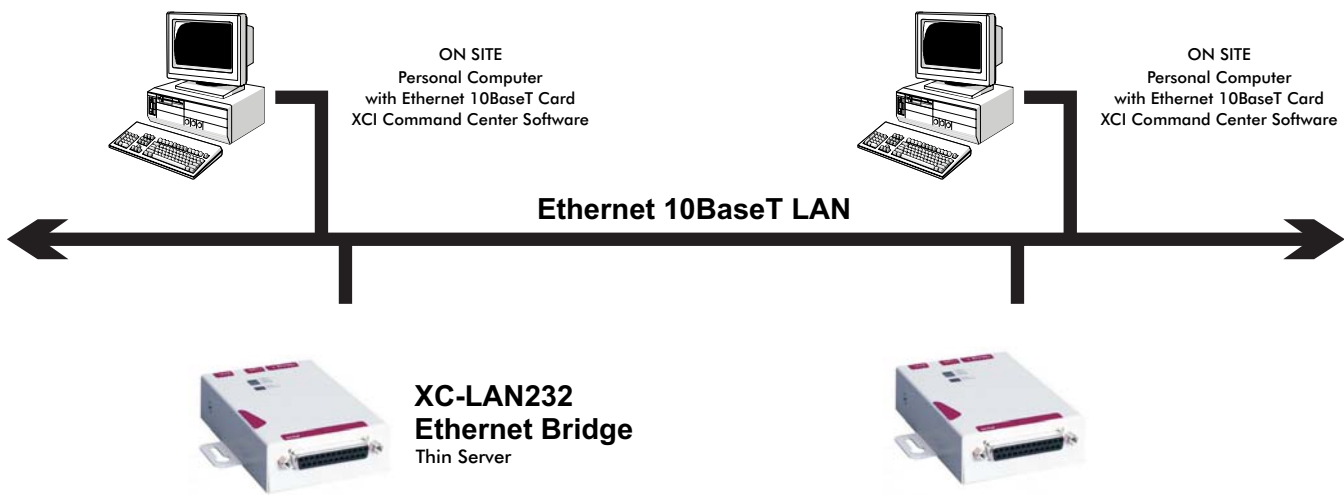
- Standard 4-wire RJ-45 cable allows direct connection to any 10BaseT hub
- Supported transparent network connections include TCP/IP (binary stream) or Telnet protocols.
- Firmware updates can be done with the TFTP protocol.

Software/Manuals

- XCI ComPort Redirector software included
- Redirector software allows virtual Com port connection to the assigned XC-LAN232 TCP/IP address
- Installation Manual and System Administrator Manual included
- All Manuals/Software/Application Notes available on the web site

Note : Specifications subject to change without notice.

Typical 10BaseT Ethernet Communications Network

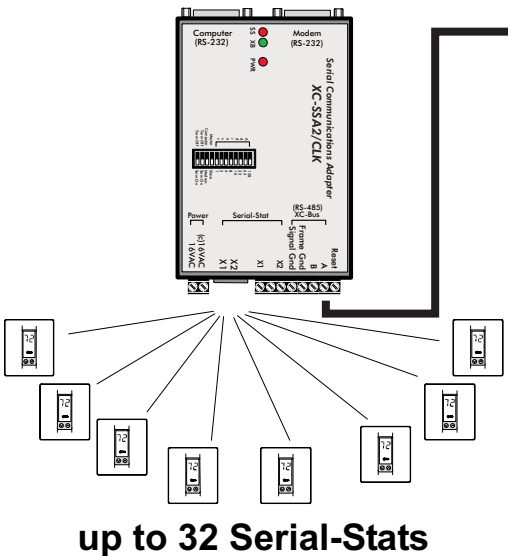
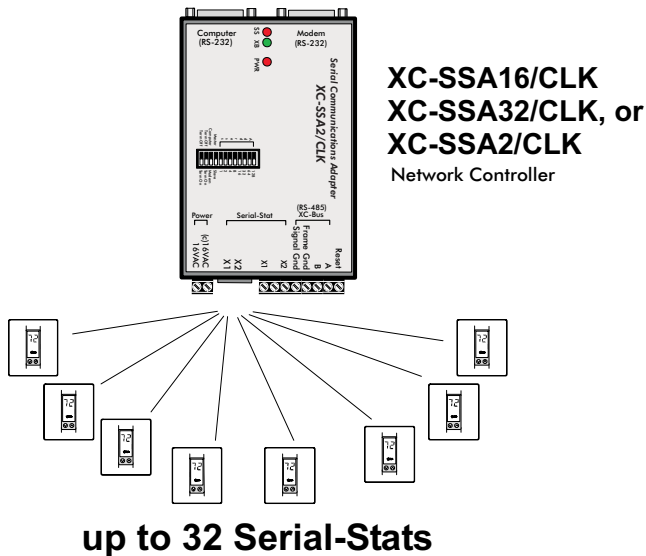


XCI's HVAC Control Equipment has the unique capability to be connected directly to an Ethernet Local Area Network using 10BaseT configurations. Each XC-LAN232 bridge provides a unique IP address on a private network. This enables any PC connected to the LAN to gain access to the XCI HVAC Network. It is the responsibility of the network administrator to create the appropriate virtual LAN or firewalls to prevent unauthorized use.

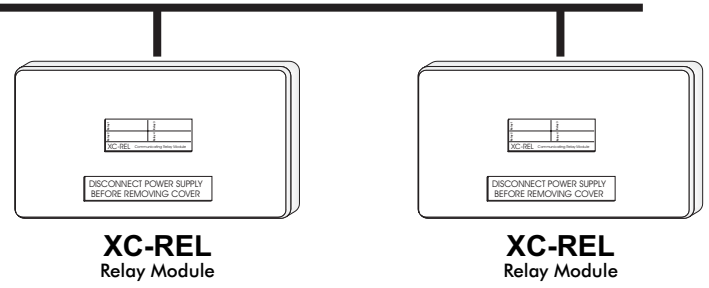
The information in this bulletin may be altered at any time by XCI.

RS-232 cable included with each adapter

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XC-Bus (RS-485)



Suggested LAN configuration is a CLASS C network (192.168.xx.xx). Each host should have an XCI Network Controller. Software configuration performed by one of several methods depending on your operating system. See software for details.