DATA-LINC GROUP

NET620

SERIAL TO ETHERNET BRIDGE

SERIAL TO ETHERNET BRIDGE

Data-Linc Group's advanced NET620 allows the integration of serial connected devices into Ethernet networks without a complicated network interface. No special PLC or PC configuration needed to integrate DF1 or ModBus RTU devices into EtherNet/IP or ModBus TCP/IP networks. When using the NET620 to bridge DF1 or ModBus RTU, the application is configured as if the serial device was Ethernet. The NET620 does the rest. Additionally, when used as a terminal server, any serial port redirect software will work (including "Freeware" software)—no proprietary software required. Configuring the NET620 is nearly effortless using either the supplied *Set-Linc* utility software or a web browser. In most cases all that is needed is to set the IP address and the serial port speed.

Power is provided by a three position terminal block with a input range of 10 to 28 VDC.

NET620 FEATURES

- **Serial to Ethernet bridging**
  - **Allen Bradley EtherNet/IP to DF1**
  - **ModBus TCP/IP to ModBus RTU**
  - **TCP or UDP terminal server**
- **Quick web browser or supplied *Set-Linc*™ software setup**
- **Easy configuration via serial or Ethernet port**
- **No "special" PLC configuration for bridging**
- **A compact design with versatile mounting options**

The NET620 enclosure has the same footprint as the SRM6x20 with universal mounting flanges or optional DIN rail clips for flexible installation.

The NET620 allows serial and Ethernet devices to communicate seamlessly without expensive interfacing equipment. The NET620 benefits the "bottom line" by making network design easier, more efficient and more cost-effective— saving money, time and effort.

NET620 Specifications

Included

CD. *Set-Linc™* configuration software and User Manual

Cable. CAT5 (7')

Power. Wall mount 115 VAC supply, 12 VDC output

Interfaces

Ethernet.
One 10baseT (UTP)— straight and crossover

Serial port.
RS232 and RS485

Configuration
Set-Linc™ software or Web browser

DC Power Requirements
10 to 28 VDC via screw terminal and via Ethernet using *Data-Linc* DC power injectors

Operating Environment

Temperature. -40˚ to 167˚ F (-40˚ to 75˚ C)

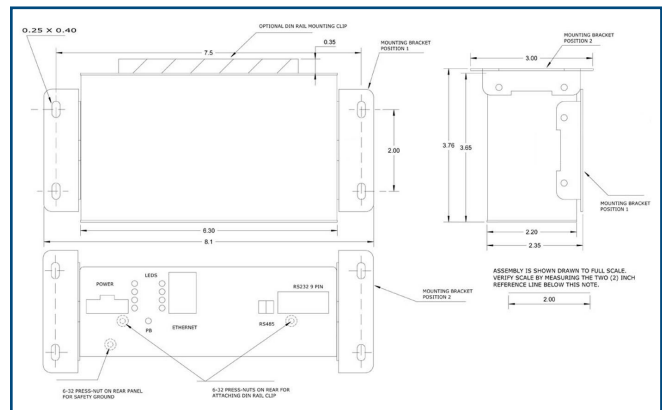**Humidity.** 0 to 95% non-condensing

Enclosure

Standard. NEMA 1, 18 gauge steel; 2.75 X 3.75 X 8.1 in. (7 X 9.5 X 20.6 cm) using mounting brackets
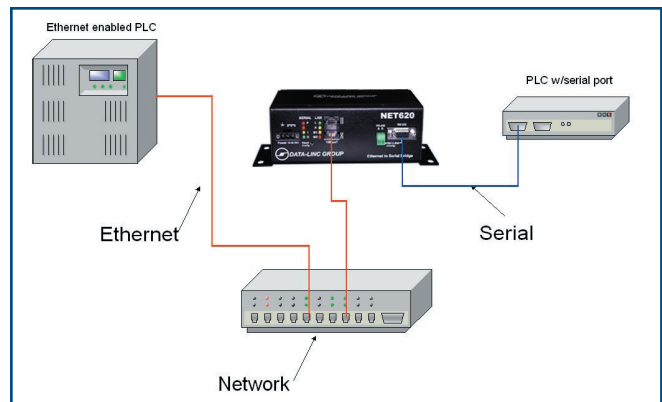
Optional. 2.38 X 4.25 X 6.38 in. (6 X 10.8 X 16.2 cm) using DIN rail mounting

Weight. 1.5 lb (0.68 kg)

NET620 Dimensions

NET620 System diagram

Included Software

Data-Linc's proprietary *Set-Linc™* software, that is included with the NET620, simplifies modem setup and configuration— executed via the Ethernet or the dual serial ports (RS232 or RS485). For remote sites, web configuration is also an option.

Alliance Partners

GE Fanuc

NATIONAL INSTRUMENTS™

Rockwell Automation **Encompass™ Product Partner** *Global*

OMRON.

Collaborative Automation by **Schneider Electric**

Siemens PRODUCT PARTNER

DATA-LINC GROUP

Corporate Headquarters
3535 Factoria Blvd. SE, Suite 100
Bellevue, WA 98006 USA
info@data-linc.com

Tel: (425) 882-2206
Fax: (425) 867-0865
www.data-linc.com
P/N 155-09874-001 03/09