

# NET620

## 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 virtually effortless using either the supplied *SetLinc™* 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.

The NET620 enclosure has the same footprint as the SRM6x30 with universal

### NET620 FEATURES

- Serial to Ethernet bridging for
  - Allen Bradley DF1 to EtherNet/IP
  - 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

mounting flanges or optional DIN rail clips that provide flexibility when installing.

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.

For a broad range of options,  
**THINK**  
**DATA-LINC**

## NET620 SPECIFICATIONS

### Included

**CD Set-Linc™** Configuration software

**User Manual**

**Cable Cat5 (7')**

**Power** Wall mount 115 VAC supply,  
12 VDC output

### Interface

**Ethernet** One 10BaseT (UTP) -  
Straight and crossover

**Serial port** RS232 and RS485

### Configuration

*Set-Linc™* software or web browser

### DC power requirement

10 to 28 VDC via screw terminal and via  
Ethernet using Data-Linc DC power  
injector

### 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

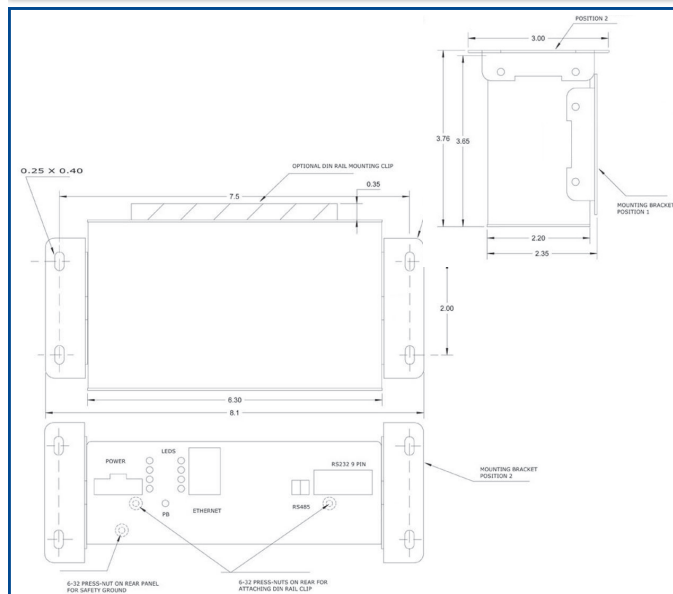
1.5 lb (0.68 kg)

## SET-LINC™ INCLUDED SOFTWARE

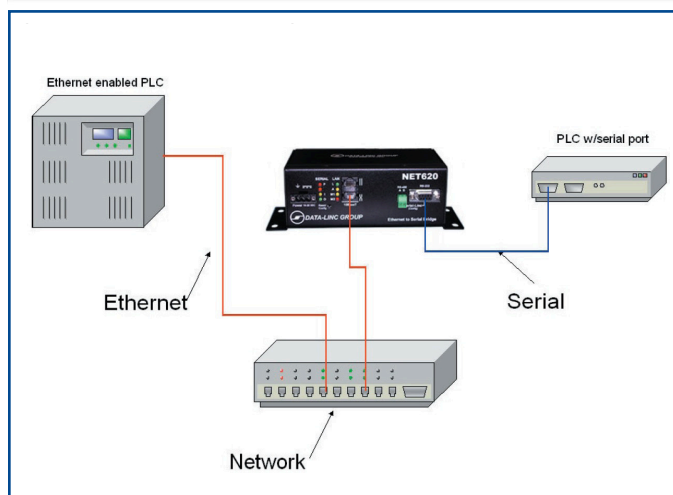


Data-Linc's proprietary Set-Linc™ software, that is included with the NET620, simplifies modem setup and configuration—executed via the Ethernet or the dual serial ports (RS232 or RS485). For remote sites, web configuration is also an option.

## NET620 DIMENSIONS



## NET620 NETWORK EXAMPLE



## ALLIANCE PARTNERS



GE Fanuc



Collaborative Automation  
by  
**Schneider Electric**



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