

# Patton CL1314/EUI-2PK 5.7 Mbps Long Range CopperLink Ethernet Extender (Local/Remote) Kit

## 5.7 Mbps CopperLink Ethernet Extender Kit (Local and Remote); 4 x10/100; 100-240VAC

Ethernet extension doesn't have to be expensive or difficult. The CL1314 long range Ethernet Extenders open the door to cost-effective Ethernet extension that is easy to set up. Featuring plug-and-play installation, the CL1314 CopperLink Ethernet Extenders leverage existing copper twisted-pair infrastructure to interconnect Ethernet devices and networks at high speeds over long distances.

Patton's CopperLink Ethernet Extenders ensure hassle-free set-up and operation, while achieving the highest possible line rate for the required distance and electromagnetic environment. Users can let the modems select the best achievable rate or they can "hard-set" the desired line rate via DIP switches, console Telnet or HTTP.

The CL1314 comes with a built-in four-port, auto-sensing, 10/100Base-TX Ethernet switch that provides automatic medium-dependent interface crossover capability (auto-MDIX). That means you can use cross-over or straight-through cables (whichever is handy) to connect up to four Ethernet devices. The auto-MDIX feature detects the polarity of the cabling on each port, and automatically configures the signaling to match. Absolutely no user-configuration is required.

The CL1314 transparently passes all higher-layer protocols-including VLAN tagging, multicast addressing, VPN pass-through for IPsec, and all IP-video compression schemes. All common industrial protocols are also transparently supported, including MODBUS/TCP and PROFINET IO.

Set-up is easy! Simply connect up to four LAN devices to the Ethernet switch, plug the copper twisted-pair into each extender, and apply power! For simple, cost-effective and efficient Ethernet extension, Patton's CopperLink Ethernet Extenders are the ideal solution!

### Features:

- **High Speed Extension**-Realize symmetrical line rates of over 30 Mbps..
- **Multi-rate Selection**-Just plug the units in and select the ideal user-configurable rate for your application.
- **Ethernet over 2 or 4 Wires**-Easy 2 or 4 wire (1 to 2 twisted pairs) connection via an RJ45 port. The additional pair offers additional bandwidth and failover.
- **Built-in 4-port Ethernet Switch**-Connect up to four Ethernet devices using the integrated 4 X 10/100Base-T, auto-sensing, full/half-duplex Ethernet switch.
- **Transparent LAN Bridging**-Transparently pass higher-layer protocols with support for 802.1Q VLAN tagging.
- **Automatic Learning, Aging, and Filtering**-Keeps local traffic local, ensuring efficient utilization of the long-range link.
- **Made in the USA** - This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.