PATTON Electronics Co.

News Release

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Now Shipping: Patton's Barrier-Breaking Ultra-High-Speed Ethernet Extender

Fulfilling orders booked from over a dozen countries, Patton has already shipped hundreds of CopperLink™ 2174 ultra-high-speed Ethernet Extender kits. Patton's latest Ethernet technology innovation boasts line rates up to 168 Mbps and distances up to 10,000 feet (3 km).

CopperLink™… Going the distance

GAITHERSBURG, MD: Patton—the leader in business and carrier-class VoIP, network access, connectivity, and video surveillance equipment—is now shipping the, US-manufactured CopperLink™ 2174 ultra-high-speed Ethernet extender.

To date, hundreds of CopperLink™ 2174 Ethernet extender kits have already shipped.

Patton announced and began taking orders for the CopperLink™ 2174 product series in September. Now, in order to meet demand, Patton's factory is operating at full capacity: building extender kits and fulfilling orders received from at least a dozen countries.

Breaking its own longstanding record of barrier-breaking innovations, Patton has engineered a device that achieves downstream line rates up to 168 Mbps and extends Ethernet segments up to 10,000 feet (3 kilometers). View speed/distance tables…

Made in the USA at the company's Gaithersburg, Maryland headquarters, Patton's most recent addition to the CopperLink™ family sets the new standard for Ethernet speed and distance,

"It's another industry first for us," said Johnnie Grant, product manager for the CopperLink™ brand. "Once again Patton has taken Ethernet farther and faster than ever before. But that's not all. Offering multiple physical media options with extreme speed and distance profiles, we've created the world's most versatile Ethernet extender."

Because it can operate over copper twisted-pair, coaxial or CAT-5+ cabling, the CopperLink™ 2174 eliminates the expense and hassle of replacing installed cable infrastructure when inter-connecting IP-enabled devices.

Patton's model 2174 enables network engineers to leverage existing cable installations to…

- Convert legacy CCTV circuits (coaxial) to IP

- Replace serial RS-232/422/485 circuits (twisted-pair) with Ethernet connections
- Improve the Ethernet speed/distance performance of CAT5/6/7 segments

Patton customers can specify BNC , RJ-45 or terminal block connectors when ordering two-packs of the CopperLink™ 2174.

Providing four Ethernet ports with a built-in switch, the 2174 can aggregate and transmit IP traffic from four sources (light/motion sensors, video cameras, entry-card readers, personal computers, etc.) over a single Ethernet connection.

Last week at elastixWorld, Patton and Elastix announced their fully integrated unified communications system. The company also recently appointed a new sales director to lead operations South Asia, as announced in October.

About CopperLink™ Ethernet Extenders
Patton has built Ethernet extenders in the USA ever since bringing the first Ethernet extender to market in the 1990s. Branded LAN-Xtend™, the Model 2111 achieved 2.3 Mbps over single twisted-pair. In 2002, Patton released the award-winning CopperLink™ 2158 that achieved speeds over 10 Mbps and reached up to 4656 feet (1372 meters). Announcing the CopperLink™ 2172 in 2006, Patton achieved full-duplex speeds up to 50 Mbps and distances reaching up to 6000 feet (1,820 meters). Now, Patton introduces the industry's most versatile Ethernet Extender, the CopperLink™ 2174, capable of delivering 168+ Mbps broadband Ethernet services and reaching distances up to 1.8 miles (3 km) away. Today CopperLink™ Ethernet Extenders are installed and operating in a vast diversity of environments, including nuclear power plants , submarines, sports arenas, election systems, and a rock 'n' roll celebrity museum .

CopperLink™ Hardened Industrial Solutions
Most CopperLink™ models are available in Patton's EnviroNET™ NEMA4-compliant, environmentally hardened enclosures. Suitable for installation in offshore oil rigs, pit mines, railway beds, and other harsh environments, EnviroNET™ enclosures protect network equipment against high wind, precipitation, salt spray, sand, oil, corrosive chemicals, and ice. EnviroNET™ solutions deliver communications services (Ethernet-over-copper, commercial/outdoor VoIP, T1/E1 extension, and others) in temperatures ranging from -40 to +185°F (-40 to +85°C).

About Patton
Patton is a multi-national organization that designs, develops, and manufactures electronic communications equipment for network access, connectivity, voice-over-IP, triple play and video surveillance. Deployed throughout the world in carrier, enterprise, and industrial networks, most Patton products are manufactured in the USA. Patton is ISO 9001:2008 certified and markets a catalog of over 1000 products including SmartNode™ VoIP solutions (SIP and H.323) for analog and ISDN telephony; Visuality™ mobile-video surveillance, collection, and intelligence distribution solution, ForeFront™ multi-service access infrastructure solutions for TDM and IP service delivery (T1/E1, G.SHDSL, xDSL, dial-up); OnSite™ CPE solutions for last-mile/local-loop access (WAN routers, modems, remote access servers, NTUs, CSU/DSUs); CopperLink™ Ethernet Extenders; EtherBITS device servers; EnviroNET™

NEMA4-compliant hardened networking equipment, and a full range of network-connectivity SerialComm (interface converters, short-range modems, multiplexers, surge protectors). Patton Electronics Company has been doing business since January 1984.

For more information or a free catalog, contact sales@patton.com.

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