IMMEDIATE RELEASE, PH956
September 22, 2008

For more information, contact:
Thomas Chin, Phihong
(510) 445-0100
thomasc@phihongusa.com

Patricia Staino, BtB Marketing
919-872-8172
patricia@btbmarketing.com

PoE midspan and splitter ideal for multi-radio access points and thin client terminals…

PHIHONG CREATES HIGH-POWER MIDSPAN AND SPLITTER TO ENABLE A NEW CLASS OF POE SOLUTIONS

FREMONT, Calif. (September 22, 2008) — Phihong USA, a global leader in Power-over-Ethernet solutions, has created a 60W midspan and 45W DC-DC high-power splitter to support high-power wireless access points and thin client terminals. The POE60U-560G midspan is designed to power wireless access point arrays and thin client computer terminals that require up to 52 watts of low voltage DC power. The POE45-120 is a gigabit-compatible splitter that divides the power and data and converts from the PoE source to a regulated low voltage DC power source that can be mounted adjacent to an ethernet device. Designed to meet the latest specifications of the proposed IEEE802.3at standard wire current ratings and detection, the midspan and splitter are ideal for powering multi-radio access point arrays in business and educational environments and thin client terminals for call centers and kiosk applications.

"For many organizations, the most cost-effective way to install wireless access points is in conjunction with Power-over-Ethernet," said Keith Hopwood, vice president of marketing, Phihong USA. The thin client terminals such as check-in computers at airports and customer

service kiosks can be located remotely and moved without needing an electrician. The other benefit POE brings to thin client terminals is a single UPS that is capable of backing up a whole call center or a number of voting machines.

"Other solutions require hard-wiring power to the ceiling where the access points are mounted, which can cost hundreds or even thousands of dollars in labor costs. This new midspan/splitter package can power those applications without a significant investment in time, labor and equipment."

Available in a non-vented case with 10BASE-T, 100BASE-T, and 1000BASE-T data rates and a UNH IOL test report, the POE45-120 Power-over-Ethernet splitter works with 100meter cat5 or better cable and has an LED to indicate it has power. It also provides isolated DC-DC to step down the voltage for input into a conventional external power supply socket. The device has full OCP-, and OVP-protection. Output voltage is 12V, and the splitter is isolated from the PoE source by 1500Vac. The POE45-120 meets UL LPS and SELV output requirements.

The POE60U midspan features diagnostic LEDs and the same safety and protection systems as with the IEEE 802.3af standard, including detection, disconnect and overload control. The device is also Gigabit-compatible.

DC output no-load voltage for the one-port midspan is 56V with accurate overload detection. The outputs are equipped with short circuit and overload protection, and the output can be shorted permanently without damage. The voltage range of the AC is 90VAC to 264VAC, and AC input frequency from 47Hz to 63Hz.

Phihong's POE60U midspan has been tested for compatibility and broadband data handling capability by UNH IOL. Safety approvals for the 60W one-port device include cUL/UL and CE. Phihong is an expert at international safety agency approvals and can offer almost any international safety or EMC compliance standard.

The cost of the POE45-120 is $49.95 each and POE60U is $62.37 each. For a detailed specification or to purchase, visit www.midspans.com.

Phihong is one of the leading suppliers of power solutions to networking OEMs, including power supplies, adapters and Power-over-Ethernet products. With global sales for 2008 expected to exceed $550 million, Phihong has engineering and manufacturing facilities in North and South America, Taiwan and mainland China. For more information contact Keith Hopwood, Phihong, 47800 Fremont Blvd., Fremont, CA 94538, or call (510) 445-0100, fax (510) 445-1678, email poe@phihongusa.com, or visit http://www.phihong.com.

###

To request the electronic image, call 919-872-8172, or e-mail maryb@btbmarketing.com