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MilSource Introduces Industries' Smallest Ruggedized Ethernet Switch from Techaya to the US Market

MIL-STD, COTS communications platform brings new level of SWaP performance to Ground Force, Avionic and Autonomous Vehicle applications

Los Angeles, CA, July 16, 2013 – MilSource, a newly-formed U.S.-based distributor of military-grade Ethernet connectivity solutions, today announced the availability of the Techaya MILTECH 308 ultra-compact Fast Ethernet switch. With dimensions of 3.2″ x 2.5″ x 1.0″, it is smaller than a credit card and weighs only 0.31 lbs. The MILTECH 308 is an unmanaged 8-port Fast Ethernet switch operating at 10 and 100 Mbps and at wire-speed across all ports. Based on technology already deployed in a number of soldier-carry applications, the MILTECH 308, has now extended its capabilities to support UAV or tactical communications systems that need Fast Ethernet connectivity between communications devices in a lightweight, low power, compact form factor.

Ethernet and IP technologies are becoming ubiquitous throughout military and other mission-critical applications. Small, modular, components have become interoperable through Ethernet and have become critical components of new applications, including the future digital soldier, unmanned autonomous vehicles (UAVs), and robots.

"With the MILTECH 308, systems that require video, advanced weaponry, radar and communications can all be connected with an Ethernet switch that's the size of a credit card." said Ronen Isaac, MilSource vice president. "Initial industry response to such a compact device has been overwhelming for soldier-carry and UAV applications."

The MILTECH 308 consumes only 2W of power and uses 5V power that can be supplied through a USB connection. It features mechanical packaging enhancements designed for MIL-STD-810F and 461E for airborne and ground environmental and EMI compliance with high reliability. The unit has been especially hardened to improve ingress, impact, and shock/vibration protection. All moving parts have been eliminated and the unit uses passive cooling and sealed MIL-SCE circular connector interfaces. These devices are ideally suited for C4ISR and battlefield communications operations in harsh ground, aerial and marine environments.

MilSource will be featuring the MILTECH 308 the AUVSI in Washington DC, Aug 13-15, booth #2553. For more information on the Techaya product line, go to http://www.militaryethernet.com. For more information on miniaturized, ruggedized Ethernet switching in military applications, download our white paper.

About MilSource

MilSource takes 20+ years of computer and networking experience and brings a consultative approach to the military and aerospace industry. Noting the pervasiveness of

Ethernet as a key networking component in the military/aerospace markets, the founders of WLANmall formed MilSource to focus on bringing these markets innovative, rugged, military-grade Ethernet communications solutions. MilSource is the exclusive U.S. distributor of Techaya's MILTECH line of military-grade switching, routing and other communications solutions. For information on MilSource or the Techaya product line, go to http://www.militaryethernet.com.

About Techaya, Inc.

Techaya Inc. is a prime developer, innovator and manufacturer of military-grade, ruggedized COTS and "tailor-made" IP-based communication solutions where extreme conditions and unique tactical requirements are the norm. Their products and solutions are designed for military tactical rugged and unique applications involving extreme environmental conditions. Developed for military and harsh environment applications, the MILTECH product range features mechanical packaging enhancements designed for MIL-STD-810F airborne, marine and ground environmental compliance and high reliability. The unit has been especially hardened to improve ingress, impact, and shock/vibration protection, as well as eliminate all moving parts through passive cooling, and interface through sealed MIL-D-38999 circular connectors. Techaya's MILTECH products are tested and certified by an external accredited laboratory for MIL-STD-810F, MIL-STD-461E, MIL-STD-1275B, MIL-STD-704A, HIK-7 and IP-68. Visit www.techaya.com.