

For More Information Contact:

Barbara Kline, Breakthru Communications  
650-868-5804  
[bkline@breakthrucom.com](mailto:bkline@breakthrucom.com)

Jim Krachenfels, GarrettCom, Inc.  
510-580-2767  
[jkrachenfels@garrettcom.com](mailto:jkrachenfels@garrettcom.com)

## **GARRETTCOM MAGNUM 6KL MANAGED EDGE SWITCH BRINGS FIBER PORTS CONFIGURABILITY TO HARSH NETWORK EDGE ENVIRONMENTS**

### **Industrial Magnum 6KL Provides Options and Media Choices Found Previously Only in Larger Magnum Ethernet Switches**



**September 15, 2009 Fremont, Calif.** – GarrettCom<sup>®</sup>, Inc, has introduced the Magnum<sup>™</sup> 6KL Managed Edge Switch, which brings fiber port configurability for managed networking capabilities all the way to the edge of industrial networks, in even the most hostile environments. The 6KL switch is the smallest industrial managed switch available, a compact, environmentally sealed 10-port Ethernet<sup>™</sup> switch with an ambient temperature range of -40°C to 85 °C. It targets all four of GarrettCom's key markets: power utilities, surveillance and security, transportation, and factory automation; and will be publicly demonstrated for the first time at the ISA Expo in Houston, October 6 – 8, 2009, booth 1434.

The Magnum 6KL offers unprecedented levels of configurability for industrial networking applications in harsh environments including factory floor, power utility substations, traffic control, external physical security, and water treatment. Featuring the modular architecture shared by the Magnum 6K family of managed switches, the 6KL base unit includes four 10/100Mb copper ports (regular or PoE), plus up to six additional ports which can be combinations of Gigabit, 100Mb, and 10Mb fiber ports and copper ports. It is designed to handle stressful workloads that mix bursty data traffic and priority streaming traffic.

The 6KL switch is packaged in a hardened, convection-cooled sealed metal box, with optional conformal coating, and offers high EMI noise immunity. The 6KL switch can be ordered with power input choices that include: 24V DC for factory floor; 48V for tariffed carrier field facilities and for PoE-powered applications such as video surveillance; 125V or 250VDC for power substations; worldwide AC for transportation; and 12VDC for specialty vehicular applications. All DC power input choices are optionally available with dual-source for high availability.

The 6KL managed switch comes with GarrettCom's robust MNS-6K managed network software (see [http://www.garrettcom.com/6k\\_soft.htm](http://www.garrettcom.com/6k_soft.htm)) that features support for industry standards, ease of use, Web and online-security features, VLANs support, IGMP snooping and IGMP-L2 for managed multicast, port security, plus a choice of redundancy options including RSTP-2004 and Dual-Homing.

The 6KL Edge Switch has all appropriate agency approvals and compliance certifications, including: UL listing for safety, IEC61850 and IEEE1613 standards for power substations, NEMA TS-2 and TEES for use in traffic control systems outdoors, and NEBS L3 and ETSI compliance for telecom. The 6KL is designed to meet EN 50155 and EN 50121 railway standards, including vibration and shock requirements for transportation environments and meets European CE and RoHS requirements.

### **Pricing and Delivery**

GarrettCom products are marketed through a network of resellers, system integrators, manufacturers' representatives, and international distributors. Prices for the small-footprint Magnum 6KL Managed Edge Switches start at less than \$1,000.00. All products are available for delivery two weeks ARO. More information is available on the company's website: <http://garrettcom.com/6kl.htm>.

### **About GarrettCom**

GarrettCom, Inc., Fremont, Calif., is an industry leader in providing networking solutions for challenging industrial environments, including video surveillance, traffic control, power utility substations, manufacturing, telecommunications, and water treatment facilities. The company's products provide a comprehensive industrial network architecture encompassing a switched Ethernet core, distributed edge devices for both Ethernet and Serial protocols, and secured connections to various WAN services.

This year GarrettCom celebrates 20 years of providing quality products, and superior service that are recognized as "Industrial Networking at its Best".

Visit [www.garrettcom.com](http://www.garrettcom.com) for more information on GarrettCom and its products

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GarrettCom is a registered trademark and Magnum is a trademark of GarrettCom, Inc. Ethernet is a trademark of Xerox Corp.

*Editor's Note: For 6KL photo, go to [http://www.garrettcom.com/images/6kl\\_large\\_web.jpg](http://www.garrettcom.com/images/6kl_large_web.jpg).*