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**Ruggedized Gigabit Ethernet Switch Maximizes**
**Network Data Throughput Onboard Public Trains**

****ORLANDO, FL, October 8, 2023 (APTA EXPO Booth #1610)**** -- Engineered for ultra-reliable performance in public transportion systems, the LMP-1802G-M12-10G-SFP-67-24-T Gigabit Ethernet Managed Switch from Antaira Technologies helps users unlock the promise of high-speed data throughput in mobile applications with enterprise-class capabilities leveraging M12 shock- and vibration-proof connectors, two 1G/10G SFP slots, 16 port 10/100/1000Base-T(X) PoE/PoE+ 30W/port single cable connectivity for up to 240W total power with data, and multi-user account security to protect mission-critical applications.

The LMP-1802G-M12-10G-SFP-67-24-T employs DHCP option82 and static routes in its Light Layer 3 network management that cost-effectively supports standardized network redundancy ITU-T G.8032 ERPS v2 (Ethernet Ring Protection Switch) protocol, providing <50ms recovery time to the network. It provides one easy-to-manage solution that meets the connection needs of IT professionals for multiple Ethernet-enabled devices on the same LAN or subnet. Now, users can realize high bandwidth switching and accelerated data exchange across networks with a large port capacity to adapt to expanding connectivity requirements.

**MAXIMUM NETWORK AVAILABILITY**

Hardened against the stresses of heavy vibrations, shock and surge, electrical noise, and temperature extremes from -40° C to 70°F, the LMP-1802G-M12-10G-SFP-67-24-T is a proven industrial-grade switching platform that meets demanding IT compliance requirements.

In addition to public transportation applications, its IP-67 waterproof metal chassis makes the LMP-1802G-M12-10G-SFP-67-24-T ideal for ITS, IP city surveillance, factory automation, gas fields, utility substations, and water treatment centers. Incorporating M12 connectors ensures tight, robust connections and safeguarding against all types of disturbances, even in dusty, humid and gas-laden environments.

Built-in fault tolerance ensures against PoE system or PD overloads thanks to the PSE management system. In the cases of complete power failure, the switch uses bypass technology to keep data communication flowing even if the switch is offline.

Learn more at [www.antaira.com](http://www.antaira.com/).

**About Antaira Technologies**

Antaira Technologies is a leading developer and manufacturer that provides high-quality industrial networking and communication product solutions. Since 2005, Antaira has offered a full spectrum of product lines that feature reliable Ethernet infrastructures, extended temperature tolerance, and rugged enclosure designs. Our product lines range from industrial Ethernet switches, industrial wireless devices, Ethernet media converters, and serial communication devices. Our vast professional experience allows us to deploy a wide array of products worldwide in mission-critical applications across various markets, such as, automation, transportation, security, oil & gas, power/utility, and medical. Antaira is ISO9001 certified. Learn more at antaira.com

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