

## Antaira's New 12-Port Industrial PoE+ Gigabit Managed Switches (LMP-1204G-SFP Series)



Antaira Technologies is proud to announce its expansion in the industrial networking infrastructure family with the LMP-1204G-SFP series.

Antaira's LMP-1204G-SFP series has been designed to fulfill outdoor industrial application environments. Some applications where the LMP-1204G-SFP switch works well includes: high density traffic control equipment within ITS applications, remote PoE wireless radios, security surveillance systems, GigE vision systems, and quality inspection systems within factory automation.

Antaira Technologies' LMP-1204G-SFP series is a cost effective 12-port industrial gigabit PoE+ managed Ethernet switch line with a 48~55VDC power input. Each unit is designed with eight 10/100/1000Tx gigabit ports that are IEEE 802.3at/af compliant (PoE+/PoE) with a PoE power output up to 30W per port and four dual rate 100/1000Tx SFP slots for fiber connectivity. Four fiber ports allows for the implementation of a fiber optic ring as well as a separate fiber home run. With a 24 Gigabit backplane speed, the LMP-1204G-SFP supports Jumbo Frames and wide bandwidth for large Ethernet data packet transmissions. These switches are also made with high density port counts for edge-level connectivity solutions. The LMP-1204G-SFP product series provides high EFT, surge (2,000VDC) and ESD (6,000VDC) protection. These units are built to support a dual power input design with reverse polarity protection, and there is also a built-in relay warning function to alert maintainers when any ports break or power failures occur. This makes it ideal for applications in a harsh environment requiring high reliability and distance extension.

This product series is pre-loaded with "Layer 2" network management software that supports an ease of use Web Console or Telnet through the serial console by CLI configuration. All Antaira managed switches provide the ring network redundancy function with STP/RSTP/MSTP and the ITU-T G.8032 (ERPS – Ethernet Ring Protection Switch) protocol which supports a <50ms network recovery time, eliminating the compatibility issue for any existing network concerns. The advanced network filtering and security functions, IGMP, VLAN, QoS, SNMP, Port lock, RMON, Modbus TCP and 802.1X/HTTPS/SSH/SSL increase determinism and improve network management for remote SCADA systems or control networks. Plus, the advanced PoE ping alarm software function allows users to recycle power on any remote powered device (PD) through PoE ports. The external USB2.0 port allows users to export and save all the configuration settings. Lastly, the flexible "custom label" feature allows networking planners to name each connection port. By naming each port, the networking planners can easily manage remote field devices.



The LMP-1204G-SFP series is backed by a five year warranty and the units are IP30 rated, compact, fanless, DIN-Rail and wall mountable. Each series is built to withstand industrial networking hazards like shock, drop, vibration, electromagnetic interference (EMI) and extreme temperatures. There are two operating temperature version models for either standard temperature (-10 ~ 70°C) or extended temperature (-40 ~ 75°C). The models have the dimensions of 54mm (W) x 99mm (D) x 142mm (H) and a unit weight of 2.5 pounds.

For more details about Antaira Technologies' industrial managed switches, please feel free to visit [www.antaira.com.tw](http://www.antaira.com.tw) ; or contact Elyse Wang at [sales@antaira.com.tw](mailto:sales@antaira.com.tw).

### 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.