

antaira®
making connectivity simple...



Antaira's Power over Ethernet Switch Guide

Unmanaged PoE



Unmanaged Ethernet switches are basic plug-and-play devices with no remote configuration, management, or monitoring options. Antaira offers a wide range of Power over Ethernet (PoE) plug-and-play models that boast a variety of port counts, fiber connectivity, and wide temperature ratings perfect for industrial PoE applications.

- ▶ 10/100/1000Tx Ethernet speed options
- ▶ High power PoE IEEE 802.3at and 802.3af compliant
- ▶ Wide operating temperature (-40 to 75C)
- ▶ Surge and ESD protection

****Models available in 5, 6, 7, 8, 10, 12, 16 and 26 ports****

Fiber Connectivity

Antaira's industrial PoE unmanaged and managed switches with fiber connectivity give users a reliable fiber network for simple long distance communication and noise immunity.

- ▶ SC/ST connector and SFP port fiber
- ▶ 1, 2, 4, and 12 fiber port connectivity options
- ▶ Network redundancy: STP/RSTP/MSTP and G.8032 ring protection <50ms (Managed ONLY)

****Unmanaged models available in 5,6,7,8,10,12,16 and 26 ports****

****Managed models available in 5,6,8,10,12 and 26 ports****

Managed PoE



Managed Ethernet switches enable network managers to remotely access a wide range of capabilities to configure, manage, and monitor a local area network. Antaira offers a wide range of Power over Ethernet (PoE) models that provide layer 2 network management software and fiber connection support. Built-in event handling functions allow users to have immediate event notices to improve remote monitoring and management.

- ▶ 10/100/1000Tx Ethernet speed options
- ▶ High power PoE IEEE 802.3at and 802.3af compliant
- ▶ Layer 2 network management support: PoE Keep Alive, SNMP, VLAN, IGMP, and QoS
- ▶ Wide operating temperature (-40 to 75C)

****Models available in 5, 6, 8, 10, 12 and 26 ports****

Voltage Booster Technology

(Look for model names designated with a -24)

Antaira's industrial PoE unmanaged and managed switches provide a low voltage input range of 12~36VDC with an internal voltage booster to support a standard 48VDC PoE power output.

- ▶ Low power input (12-36VDC)
- ▶ IEEE 802.3 af/at compliant up to 30 Watts of power

****Unmanaged models available in 5, 6, 7, 8, and 10 ports****

****Managed models available in 5, 6, 8, and 10 ports****



Unmanaged PoE Switches



LNP-101AG-T
Industrial PoE Gigabit Splitter



LNP-201AG-T
Industrial PoE+ Gigabit Injector



LNP-0500 Series
5-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-800AGH Series
8-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-0802C-SFP Series
8-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-1002C-SFP Series
10-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-0500G Series
5-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-0501 Series
5-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-0602 Series
6-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-1002G-SFP Series
10-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-1002G-10G SFP Series
10-Port Industrial PoE+ 10G
Unmanaged Ethernet Switches



LNP-1202G-SFP Series
12-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-0702C-SFP Series
7-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-0702G-SFP Series
7-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-0800 Series
8-Port Industrial PoE+
Unmanaged Ethernet Switches



LNP-1204G-SFP Series
12-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-1604G-SFP Series
16-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches



LNP-2602G-SFP Series
26-Port Industrial PoE+ Gigabit
Unmanaged Ethernet Switches

Managed PoE Switches

Managed Switch Features & Highlights

- Network Redundancy: RSTP/MSTP, G.8032
- IGMP
- Quality of Service
- IEEE 802.1Q VLAN
- SNMP
- PoE Keep Alive
- Event Scheduling
- System Warning & Automatic Email
- USB Data Load & Backup
- Port Mirroring
- Port Statistics & Control



LMP-0501 Series
5-Port Industrial PoE+ Managed Ethernet Switches



LMP-0600 Series
6-Port Industrial PoE+ Managed Ethernet Switches



LMP-0601G-SFP Series
6-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LMP-0602 Series
6-Port Industrial PoE+ Managed Ethernet Switches



LMP-0800G Series
8-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LMP-0804G-SFP Series
8-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LMP-1002C-SFP Series
10-Port Industrial PoE+ Managed Ethernet Switches



LMP-1002G-SFP Series
10-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LMP-1202G-SFP Series
12-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LMP-1204G-SFP Series
12-Port Industrial PoE+ Gigabit Managed Ethernet Switches



LNP-2602GN Series
26-Port Industrial PoE+ Gigabit Managed Ethernet Switches



About Antaira

Antaira Technologies is a leading developer and manufacturer of 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, to, industrial wireless devices, Ethernet media converters, industrial serial communications. Our vast professional experience has allowed us to deploy a wide array of products worldwide in mission-critical applications across various markets, such as, automation, transportation, security, oil and gas, power/utility and medical.

Mission Statement

As a leader and trusted partner in the industrial device networking field, Antaira is committed to providing quality products and value-added service to its customers and channel partners to create solutions that deliver a worldwide advancement for a wide array of applications.





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