

## LNP-1202G-SFP Series

12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 10\*10/100/1000Tx (w/8\*PSE: 30W/Port), and 2\*100/1000 SFP Slots



### Features

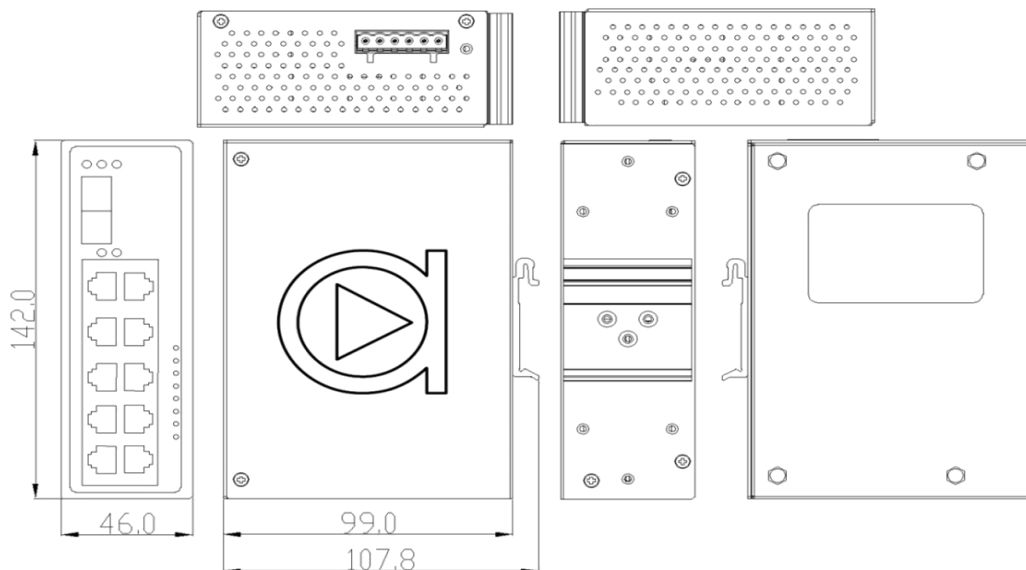
- ▶ Supports 8\*10/100/1000Tx IEEE 802.3at PoE+ Compliant with 30W/Port, +2\*10/100/1000Tx, and 2-Port 100/1000 SFP
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 24Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Surge Protection: 2,000 VDC Support
- ▶ ESD Protection: 6,000 VDC Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ Built-in 1 Relay Output for Power Failure Warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range - STD: -10° to 70° C, EOT: -40° to 75° C
- ▶ 5-Year Warranty

### INTRODUCTION

Antaira Technologies' LNP-1202G-SFP industrial PoE+ gigabit unmanaged Ethernet switch features ten Gigabit ports, of which eight ports support IEEE 802.3at high power PoE (30W/Port). The LNP-1202G-SFP also provides two dual rate 100/1000Fx SFP slots for fiber connections, making it ideal for applications that demand PoE power support, high bandwidth and long distance communication within any harsh or outdoor environment. This product series also provides high EFT and ESD protection to prevent any unregulated voltage. Plus, it provides two wide operating temperature models to support either a -10 to 70°C or -40 to 75°C environment.

The LNP-1202G-SFP product series is ideal for supporting applications that require high density PoE+ port connections, such as, security surveillance, traffic monitoring systems, facility management in power/utility, water wastewater treatment plants, oil/gas/mining, and GigE machine vision systems within factory automation.

### DIMENSIONS



## SPECIFICATIONS

Technology	
<b>Standards</b>	IEEE 802.3 10BaseTx Ethernet IEEE 802.3u 100BaseTx Fast Ethernet IEEE 802.3ab 1000BaseTx IEEE 802.3z Gigabit Fiber IEEE 802.3at PoE+
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
Switch Properties	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 24Gbps 14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
<b>Transfer Rate</b>	
<b>Protection</b>	Surge: 2,000VDC & ESD: 6,000VDC
<b>Memory Buffer</b>	7,926pps (default)
<b>Jumbo Frame</b>	9.6Kbytes
<b>MAC Table Size</b>	8K
Interface	
<b>Ethernet Port</b>	10*10/100/1000Tx RJ45 (w/8*PSE: 30W/Port)
<b>Fiber Port</b>	2*100/1000 SFP Slot
<b>PoE Pin Out</b>	V+, V+, V-, V- for pin s 1,2,3,6 Endspan, MDI Alternative A
<b>Network Cable</b>	10Base Tx: 2-pair UTP/STP Cat. 3,4,5 100Base Tx: 2-pair UTP/STP Cat. 5 1000Base Tx: 2-pair UTP/STP Cat. 5/5E
Power Requirements	
<b>Input Voltage</b>	48-55VDC, Redundant Input
<b>Overload Current Protection</b>	Present
<b>Connection</b>	1 removable 6-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>Power Consumption</b>	Unit Consumes 10 Watts Full load w/PoE 215W@48V / 255W@51~55V

Mechanical Characteristics	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	46 x 99 x 142 mm (W*D*H)
<b>Weight</b>	Unit 1.8lbs. / Shipping Weight 2.3 lbs.
<b>Mounting</b>	DIN-Rail and Wall mounting Provided
Environmental Limits	
<b>Operating Temperature</b>	STD: -10° to 70° C EOT: -40° to 75° C
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
Regulatory Approvals	
<b>EMI</b>	FCC Class A EN61000-4-2,3,4,5,6,8
<b>EMS</b>	EN61000-6-2,4
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE, UL 508 (Pending)
<b>Warranty</b>	5 Years

## ORDERING INFO

<b>LNP-1202G-SFP</b>	12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 10*10/100/1000Tx (30W/Port), and 2*100/1000 SFP; 48~55VDC input
<b>LNP-1202G-SFP-T</b>	12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 10*10/100/1000Tx (30W/Port), and 2*100/1000 SFP Slot; 48~55VDC input; EOT: -40 to 75C

Optional Accessories	
<b>MDR-100-48</b>	100W Industrial Din Rail Power Supply, 48VDC
<b>SDR-120-48</b>	120W Industrial Din Rail Power Supply, 48VDC
<b>SDR-240-48</b>	240W Industrial Din Rail Power Supply, 48VDC
<b>DRP-240-48</b>	240W Industrial Din Rail Power Supply, 48VDC
<b>DRP-480-48</b>	480W Industrial Din Rail Power Supply, 48VDC