

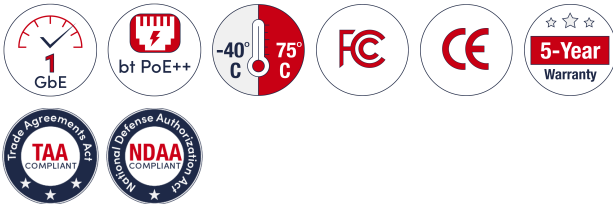
LNP-0401G-SFP-bt-AC-95-T

INDUSTRIAL GIGABIT PoE++ AC/DC ETHERNET SWITCH



FEATURES

- 3*10/100/1000BASE-TX RJ45 with 2*IEEE 802.3bt PoE++ (PSE: 95W/Port)
- 1*100/1000 SFP
- Built-In AC/DC Power Supply
- DIN-Rail and Wall Mountable
- Operating Temperature: -40°C to 75°C
- 5-Year Warranty



INTRODUCTION

Antaira Technologies' LNP-0401G-SFP-bt-AC-95-T is a 4-port industrial Gigabit PoE++ unmanaged Ethernet switch designed for reliable high-power network connectivity in harsh environments. The switch features three 10/100/1000TX RJ45 ports, including two IEEE 802.3bt PoE++ ports delivering up to 95W per port, plus one 100/1000 SFP slot for flexible fiber uplink connectivity. With a built-in AC/DC power supply, rugged IP30 aluminum housing, DIN-rail or wall-mount installation, and an extended operating temperature range of -40°C to 75°C, the LNP-0401G-SFP-bt-AC-95-T is well suited for industrial automation, security, transportation, and outdoor network applications requiring dependable Gigabit performance and high-power PoE delivery.

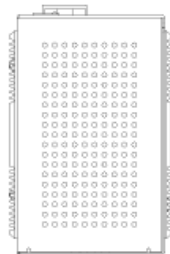
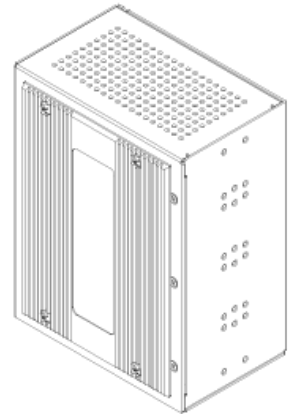
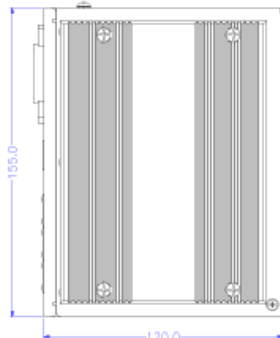
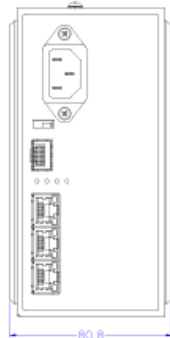
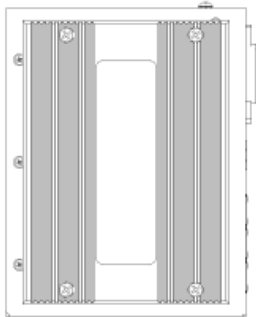
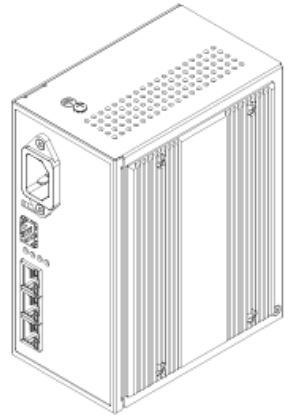
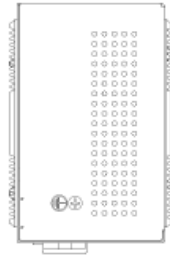
SPECIFICATIONS

Hardware Specifications

Part Number	Total Ports	RJ45 GE	95W PoE++	1G SFP	PoE Budget	Power Consumption	Power Input	Operating Temp.
LNP-0401G-SFP-bt-AC-95-T	4	3	2	1	180W	11W at 110VAC	100-240VAC 120-370VDC	-40 to 75°C -40 to 167°F

Physical Specifications

Part Number	Dimensions (W x H x D)	Weight (Unit)	Weight (Shipping)	Housing	Mounting	Power Connector	PoE LED Indicator
LNP-0401G-SFP-bt-AC-95-T	80.8 x 155 x 120mm 3.18 x 6.10 x 4.72in	1.03kg 2.27lb	1.58kg 3.49lb	Aluminum, IP30	DIN-Rail, Wall	IEC C14 Socket	Yes



Standards

Part Number	IEEE Standards
LNP-0401G-SFP-bt-AC-95-T	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3u 100BASE-FX Fast Fiber IEEE 802.3z 1000BASE-X Gigabit Fiber IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet plus IEEE 802.3bt Power over Ethernet plus plus

Switch Properties			
Specification		Specification	
Switch Architecture	Back-Plane (Switching Fabric): 8Gbps	Jumbo Frame	10Kbytes
Packet Buffer Size	1 Mbit	MAC Table Size	8K
Data Processing	Store and Forward	DIP Switch	SFP port speed: 1000BASE-X (default), 100BASE-FX
Protocol	CSMA/CD	LED Indicators	Power, Link, Activity, PoE
Reverse Polarity Protection	Present	Overload Current Protection	Present
Network Connector	3*10/100/1000BASE-TX auto negotiation Auto MDI/MDI-X function, full/half duplex 2*Gigabit 802.3bt (PSE: 95W) 1*100/1000 SFP	Network Cable	UTP/STP CAT5e or above cable EIA/TIA-568 (100m)

Compliance Specifications	
Safety	LVD (EN 62368-1), UL 62368-1
EMC	CE (EN 55032/35), FCC
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2, 4, 5
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-31
Storage Temperature	-40 to 85°C
Ambient Relative Humidity	5% to 95%, (non-condensing)
Warranty	5 Years
Country of Origin	Made in Taiwan, TAA/NDAA Compliant

MTBF Specifications	
LNP-0401G-SFP-bt-AC-95-T	540,539.6831 hrs.

ORDERING INFORMATION

Switch Models	
Part Number	Description
LNP-0401G-SFP-bt-AC-95-T	4-Port Industrial Gigabit IEEE 802.3bt PoE++ AC Powered Unmanaged Ethernet Switch, 2*10/100/1000TX (95W/Port), 1*10/100/1000TX, and 1*100/1000 SFP Slot; EOT: -40 to 75°C

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