LNP-0500 Series

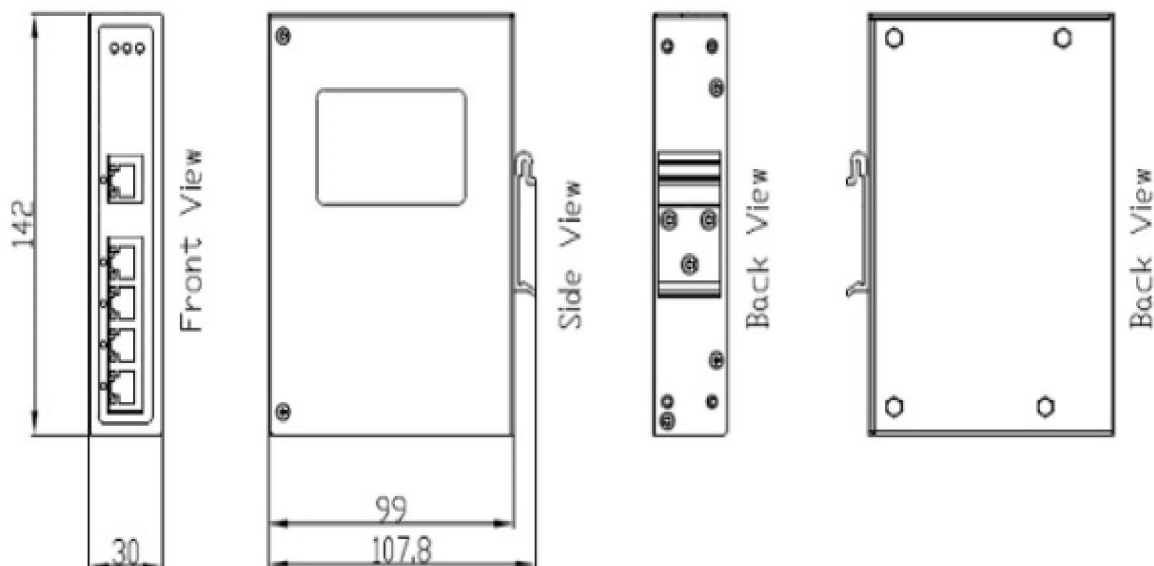5-Port Industrial PoE+ Unmanaged Ethernet Switch, with 4*10/100Tx (PSE: 30W/Port) + 1*10/100Tx

Features

▶ 4-Port IEEE 802.3at Compliant PoE+ (30W/Port)
▶ 1-Port 10/100Tx Fast Ethernet
▶ Supports Auto MDI/MDI-X Function
▶ Store-and-Forward Switching Architecture
▶ 2K MAC Address Table
▶ Network Broadcast Storm Protection
▶ EFT Protection: 2,000 VDC Support
▶ ESD Protection: 6,000 VDC Support
▶ Redundant Power Input Design: 48~55VDC
▶ Built-in 1 relay output for Port Break Alarm
▶ IP30 Rugged Aluminum 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-0500 series is an industrial PoE+ unmanaged Ethernet switch featuring 4*10/100Tx PoE+ ports and 1*10/100Tx fast Ethernet RJ45 port. Each power over Ethernet (PoE+) port supports an IEEE 802.3at high power PoE+ output up to 30W per port, making it ideal for applications that demand a PoE+ power source.

The LNP-0500 series is IP30 rated and DIN-rail mountable. There are also two wide operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). The series also provides Ethernet connectivity with PoE+ functions for outdoor or harsh industrial application environments, such as, security surveillance, ITS-traffic monitoring systems, facility management for power/utility, water wastewater treatment plants, and lastly, automated production lines in factory automation.

DIMENSIONS

Front View
Side View
Back View
Back View

142
99
107.8
30

SPECIFICATIONS

Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseT Fast Ethernet IEEE 802.3x Flow Control and Back-Pressure IEEE 802.3at PoE (Power-over-Ethernet)
Processing Type	Store-and-Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x back pressure flow control

Switch Properties

Switch Architecture	Back-Plane (Switching Fabric): 1.0Gbps
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
Jumbo Frame	-
MAC Table Size	2K

Port Interface

Ethernet Port	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 4*10/100Tx (PoE+) + 1*10/100Tx
PoE Port Pin Assignment	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)

Mechanical Characteristics

Housing	Metal IP30 rated
Dimensions	30 x 142 x 99 mm
Weight	Unit: 1.1 lbs Shipping: 1.45 lbs
Mounting	DIN-Rail; Wall-mount (Optional)

Power Requirement

Input Voltage	48~55VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Present
Overload Current Protection	Present
PoE Power Output	25W @ 48VDC (per PoE port) 30W @ 51~55VDC (per PoE port)
Power Consumption	110 Watts @ 48VDC 130 Watts @ 51~55VDC

Environmental Limits

Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Storage Temperature	-40°~85°C
Ambient Relative Humidity	5 to 95%, (Non-condensing)

Regulatory Approvals

EMI	FCC Class A
EMS	EN6100-4-2,3,4,5,6,8 EN6100-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 508, UL Class 1 Division 2, ISA 12.12.01
Warranty	5 Years

ORDERING INFO

LNP-0500	5-Port Industrial PoE+ Unmanaged Ethernet Switch, w/4*10/100Tx (30W/Port) + 1*10/100Tx
LNP-0500-T	5-Port Industrial PoE+ Unmanaged Ethernet Switch, w/4*10/100Tx (30W/Port) + 1*10/100Tx, EOT: -40°~75°C
Optional Accessories	
DR-75-48	75W Industrial Single Output DIN-Rail Power Supply – 48VDC / 1.6 Amps
SDR-120-48	120W Industrial Slim High-Efficiency Single Output DIN-Rail Power Supply – 48VDC / 2.5 Amps
SDR-240-48	240W Industrial Slim High-Efficiency Single Output DIN-Rail Power Supply – 48VDC / 5.0 Amps
MDR-60-48	60W Industrial Slim Single Output DIN-Rail Power Supply – 48VDC / 1.25 Amps
DIN-RAIL-10	35mm Steel DIN-Rail Track – 10 Inches Long
DIN-RACK-2U	DIN-Rail to 19" Rack Mount Adapter for all DIN-Rail Mountable Products, 2U Height

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Controllers *category:*

Click to view products by ANTAIRA *manufacturer:*

Other Similar products are found below :

CS1WCN223 CS1WCN713 CS1WKS001E 61F-11NH 61FGPN8DAC120 61F-GP-NT AC110 61F-GPN-V50-AC110 70177-1011 F03-03 HAS B F03-03 HAS C F03-31 81513201 81513535 81550401 FT1A-C12RA-W 88981106 H2CAC24A R88A-CAGA005S R88A-CRGB003CR-E R88ARR080100S R88A-TK01K DCN1-1 DTB4896VRE DTB9696CVE DTB9696LVE MR-50LF+ E53-AZ01 E53E8C E5CWLQ1TCAC100240 B300LKL21 NE1ASCPU02EIPVER11 NE1SCPU01 NE1SDRM21U NSCXDC1V3 NSH5-232CW-3M NT20SST122BV1 NV3Q-SW41 NV4W-ATT01 NV-CN001 OAS-160-N K31S6 K33-L1B K3TX-AD31A L595020 SRS2-1 G32X-V2K 26546803 26546805 26546831 CJ1W-OD204