

# ANT LNP-0500 Series

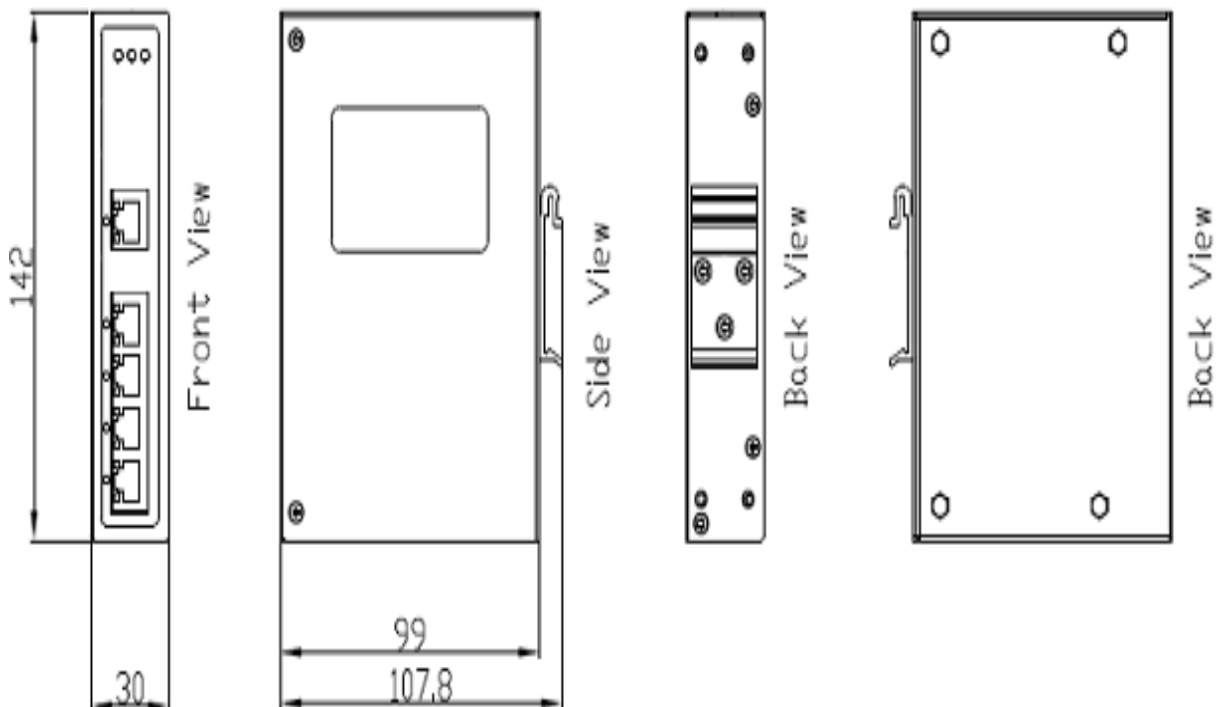
## 5 Ports Industrial PoE+ UnManaged Ethernet Switch

### Features

- Network Broadcast Storm Protection
- 4-Port IEEE 802.3at Compliant PoE+ Function with 30W/Port
- 1-Port 10/100Tx Fast Ethernet
- Supports Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- 2K MAC Address Table
- 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



### Dimensions (unit = mm)



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<b>Technology</b>	IEEE 802.3 10BaseT Ethernet
<b>Standards</b>	IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3x Flow Control and Back-Pressure IEEE 802.3at Power over Ethernet
<b>Processing Type</b>	Store and Forward
<b>Protocol</b>	CSMA/CD
<b>Flow Control</b>	IEEE 802.3x flow control, back pressure flow control
<b>Switch Properties</b>	
<b>Switch Architecture</b>	Back-Plane (Switching Fabric): 1.0Gbps Packet Throughput Ability (Full-Duplex): 1.488Mpps @ 64bytes
<b>Transfer Rate</b>	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port
<b>MAC Table Size</b>	2K
<b>Interface</b>	
<b>RJ45 Ports</b>	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection 4*10/100Tx (PoE+) + 1*10/100Tx
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI-X Alternative A)
<b>Protection</b>	
<b>EFT Protection</b>	3,000 VDC for power line
<b>ESD Protection</b>	6,000 VDC for Ethernet
<b>Power Requirements</b>	
<b>Input Voltage</b>	48~55VDC, Redundant Input
<b>Overload Current Protection</b>	Slow-Blown Fuse
<b>Connection</b>	1 removable 4-contact terminal block
<b>Reverse Polarity Protection</b>	Yes
<b>PoE Power Output</b>	25W @ 48VDC (per PoE port); 30W @ 51~55VDC (per PoE port)
<b>Power Consumption</b>	110 Watts @ 48VDC; 130 Watts @ 51~55VDC
<b>Mechanical Characteristics</b>	
<b>Housing</b>	Metal, IP30 protection
<b>Dimensions</b>	30 x 142 x 99 mm (1.18 x 5.59 x 3.90 in.)
<b>Weight</b>	Unit Weight: 1.1 lbs. Shipping Weight: 1.45 lbs
<b>Mounting</b>	DIN-Rail mounting, wall mounting (optional)
<b>Environmental Limits</b>	
<b>Operating Temperature</b>	STD: -10° to 70° C (14° to 158° F); EOT: -40° to 75° C (-40° to 167° F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Regulatory Approvals</b>	
<b>EMI</b>	FCC Class A
<b>EMS</b>	EN6100-4-2; EN6100-4-3; EN6100-4-4; EN6100-4-5; EN6100-4-6; EN6100-4-8 EN6100-6-2; EN6100-6-4
<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, UL508
<b>Warranty</b>	5 Years

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## Ordering Information

<b>LNP-0500</b>	5Ports Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 1*10/100Tx
<b>LNP-0500-T</b>	5Ports Industrial 802.3at PoE+ Unmanaged Ethernet Switch - with 4*10/100Tx (30W/Port) + 1*10/100Tx, EOT: -40° to 75° C

## Optional Accessories

<b>DR-75-48</b>	75W Industrial Din Rail Power Supply
<b>SDR-120-48</b>	120W Industrial Din Rail Power Supply
<b>SDR-240-48</b>	120W Industrial Din Rail Power Supply