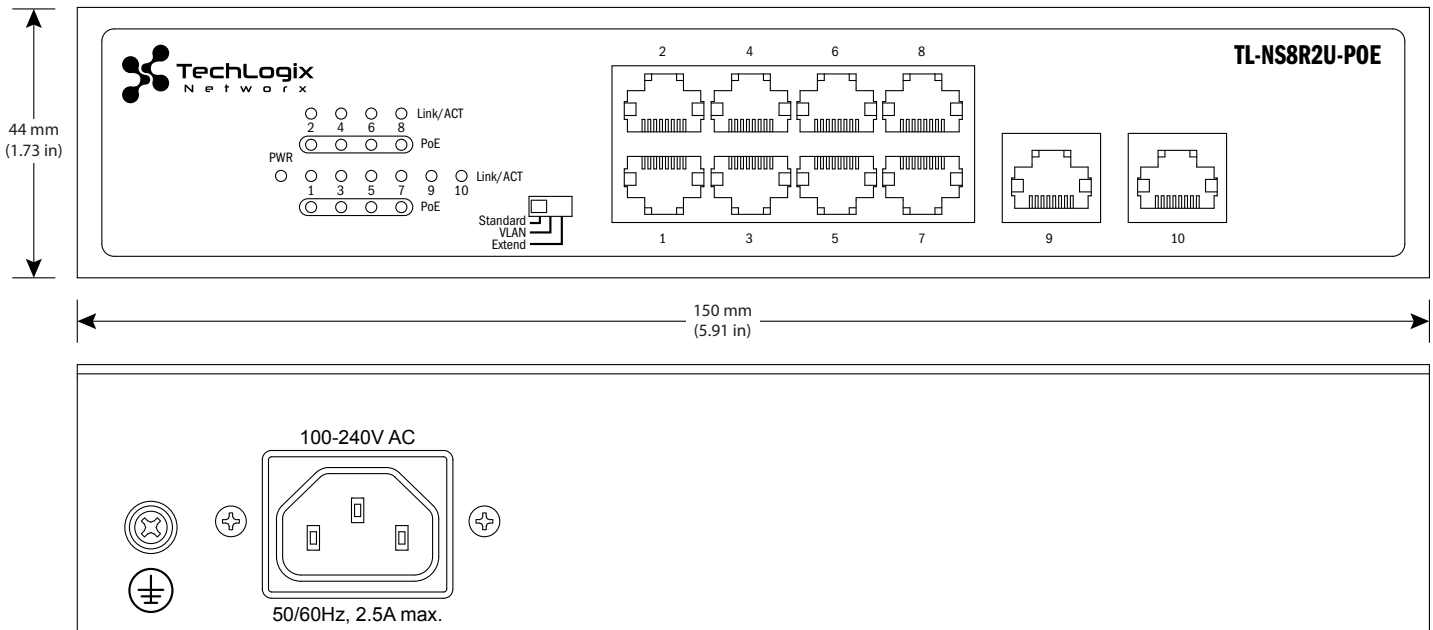


Technical Specifications

TL-NS8R2U-POE

1G Network Switch with 8 RJ45 & 2 RJ45 uplink - 30W PoE+

- Provides power and data connection for up to eight PoE network devices
- Two RJ45 Gigabit uplink ports
- PoE power budget of 120 watts
- Power output up to 30 watts per port
- Manual PoE extend mode (reduces network speed and extends PoE support to 250 m)
- Manual VLAN mode (allows ports 1 through 8 to be isolated from each other)
- 20 Gbps switch fabric
- Supports IEEE 802.3at and IEEE 802.3af-compliant PoE devices (e.g., wireless access points, VoIP phones, IP cameras)
- Supports IEEE 802.3at/af detection and short circuit, overload and high-voltage protection
- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- Cooling fan for ventilation
- Fully NDAA-compliant



Inputs and Outputs

Data/PSE Output (Ports 1 through 8)	8P8C Port (RJ45)
Data/Uplink (Ports 9, 10)	8P8C Port (RJ45)
AC Input	IEC C14
LED Indicators	Device Power, Link/Activity, PoE Output

Signal Specifications

Ethernet Port (RJ45) Support	IEEE 802.3 (10Base-T Ethernet), IEEE 802.3ab (Twisted Pair Gigabit Ethernet), IEEE 802.3af (Power over Ethernet 802.3af Type 1), IEEE 802.3at (Power over Ethernet 802.3at Type 2), IEEE 802.3az (Energy Efficient Ethernet EEE), IEEE 802.3u (100Base-TX Fast Ethernet), IEEE 802.3x (flow control for full duplex mode)
Supported Twisted Pair Cable	1000Base-T Cat5e or higher UTP/STP RJ45
Maximum Twisted Pair Distance Input	100m (328 ft)
Maximum Twisted Pair Distance Output	100m (328 ft)
Backplane Speed	20 Gbps
Switch Architecture	Store and Forward

Power, ESD, and Regulatory

Maximum Power Consumption	125W
Power Input (DC)	100-240VAC, 50/60 Hz
Maximum PoE Budget	120W
Maximum PoE Output per Port (Budget Dependent)	30W
Regulatory	FCC Class A, CE, UKCA, NDAA

Environmental Specifications

Operating Temperature (Environment)	0° to +40° C (32° to 104° F)
Storage Temperature (Environment)	0° to +70° C (32° to 158° F)
Operating Relative Humidity (Environment)	10% to 90% RH, Non-condensing

Chassis Specifications

Enclosure	Steel Housing
Dimensions (H x W x D)	44mm (1.73 in) x 150mm (5.91 in) x 220mm (8.66 in)
Weight	1652.6 g (3.64 lb)

Other

Warranty	1 year
Included Accessories	1 ea US Power Cord, 2 ea Rack Ears, 1 ea Product Manual