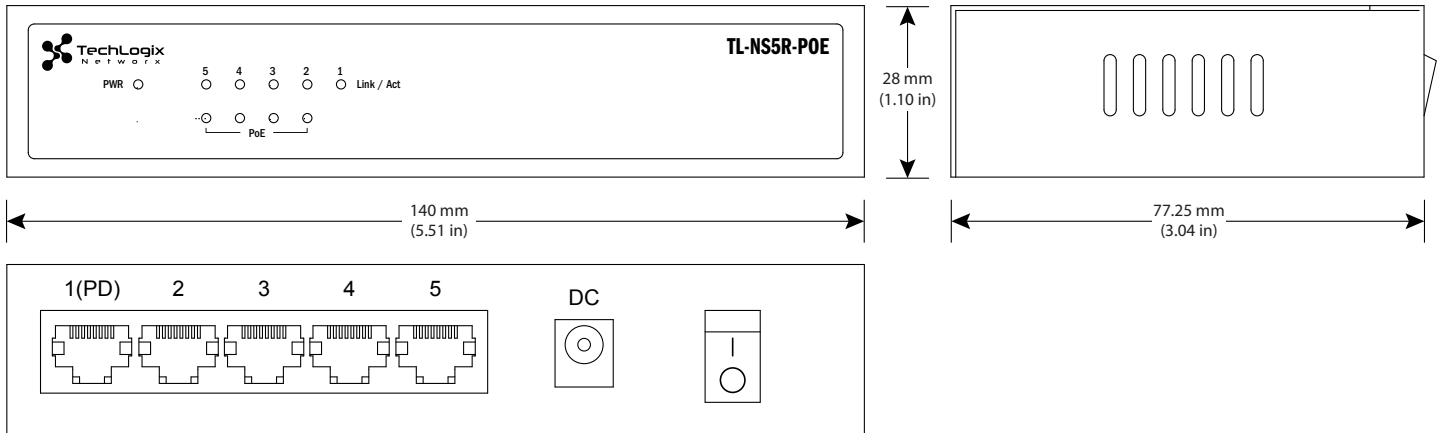


Technical Specifications

TL-NS5R-POE

1G Network Switch with 5 RJ45 - 30W PoE+

- Receives power from a PoE injector or PoE switch and provides power to up to four PoE network devices
- Doubles the connection distance between PoE source and device from 100 m (328 ft.) to 200 m (656 ft.)
- Can be powered via PoE or the included power adapter
- Total power budget of 60 watts when using AC power
- Total power budget of 26 watts when powered via PD input port
- Power output up to 30 watts per port
- Saves installation costs by delivering data and power over existing network cables
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Mounting holes for wall mounting
- Fully NDAA-compliant



Inputs and Outputs

| | |
|-------------------------------------|---|
| Data/PD Input (Port 1) | 8P8C Port (RJ45) |
| Data/PSE Output (Ports 2 through 5) | 8P8C Port (RJ45) |
| DC | 5.5 mm Outside Diameter, 2.6 mm Inside Diameter |
| 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 802.3at 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 | 10 Gbps |
| Switch Architecture | Store and Forward |

Power, ESD, and Regulatory

| | |
|--|-------------------------------|
| Maximum Power Consumption (DC) | 63.75W |
| Power Input (DC) | 51V DC, 1.25A |
| Maximum PoE Budget (DC) | 60W |
| Maximum Power Consumption (PD) | 30W |
| Power Input (PD) | IEEE 802.3af/at compliant PSE |
| Maximum PoE Budget (PD) | 26W |
| 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) | 28mm (1.10 in) x 140mm (5.51 in) x 77.25mm (3.04 in) |
| Weight | 372.6 g (0.82 lb) |

Other

| | |
|----------------------|---|
| Warranty | 1 year |
| Included Accessories | 1 ea US Power Cord, 1 ea Power Adapter, 1 ea Product Manual |