



TL-NS24R2S-POE

1G Network Switch with 24 RJ45 & 2 SFP - 30W PoE+



The TL-NS24R2S-POE passes both data and electrical power to a number of PoE-compatible devices via standard twisted pair cables. Equipped with 24 Gigabit Ethernet ports, this switch can power wireless LAN access points and bridges, VoIP phones, IP video cameras and more while delivering network speeds up to 1,000 Mbps.

The TL-NS24R2S-POE supports the IEEE 802.3at protocol and can inject up to 30 watts of power per port with a total power budget of 370W. IEEE802.3af- or IEEE802.3at-compliant devices attached to the switch need no additional power to help avoid the time and expense of electrical rewiring and minimize the unsightly clutter of power supplies and adapters on ceilings and walls. Any mix of PoE and non-PoE devices is supported, and thanks to its short-circuit, overload and high-voltage protection function, your equipment is well-protected.

Equipped with 24 auto-sensing 10/100/1000 Mbps RJ45 Gigabit Ethernet ports, the TL-NS24R2S-POE offers plenty of performance for your computers, servers and other networking devices. In addition, two small form-factor pluggable (SFP) GBIC module slots provide fiber connectivity for greater distances. These are not shared combo-ports but true Gigabit ports, pushing the total available bandwidth up to 52G.

LEDs

PWR – Power is supplied via the AC adapter or the PD port when lit.

Link/Act/Speed (Green) – A device is connected to the port at 1000 Mbps speeds when lit; a network link has been established and data packets are being sent and received when flashing; no network link is established when unlit.

Link/Act/Speed (Orange) – A device is connected to the port at 10/100 Mbps speeds when lit; a network link has been established and data packets are being sent and received when flashing; no network link is established when unlit.

PoE (Green) – Port is supplying power to a connected PoE device when lit; abnormal power supply when flashing; no powered device (PD) is connected to the port when unlit.

Switch

Normal – Default mode; allows normal communication between ports 1 – 26.

Flow Control – Disables the switch's flow-control function.

VLAN – Isolates ports 1 – 24 from each other while allowing them to connect to ports 25 and 26.

Power

Use the included power cord to connect the device (on the rear panel) to an AC outlet. The device supports AC 100 – 240 V, 50/60 Hz.

Located on the right side of the power supply connector, a grounding terminal connector is used to provide proper grounding for the TL-NS24R2S-POE. If you use the chassis grounding screw, it should be wired to an object that provides earth ground. In rackmount installations, grounding is typically provided by the metal frame of the mounting rack.

Rackmount Installation

The switch can be mounted in an EIA standard-sized, 19-inch rack. Attach the mounting brackets on the switch's side panels (one on each side) and secure them with the screws provided. Use the screws provided with the equipment rack to mount the TL-NS24R2S-POE on the rack.