Setup and installation

The NRSW8GP is a compact Lite-managed Gigabit PoE+ switch with eight PoE+ RJ45 ports, one additional RJ45 port, and one SFP port.



Before connecting equipment

Check that you have the switch and its supplied power adapter. Place the switch on a stable surface with clear ventilation. Use the supplied adapter or a replacement approved for the exact model and rated as specified on the unit label.

Connect and power on

1. With power disconnected, connect compatible IEEE 802.3af/at devices to PoE+ ports 1–8.

2. Use RJ45 port 9 for a copper uplink or SFP port 10 for a compatible fiber uplink.

3. Connect the power adapter and apply power. Check the power and system indicators, then verify link and PoE status on the connected ports.

Ports and indicators

Indicator	What to check
Power	Green on: power is present. Off: check the power adapter and connection.
System	Green blinking: normal operation. Off while powered: check system status.
PoE, ports 1–8	Yellow on: the port is supplying power. Off: the port is not supplying power.
RJ45 Link/Activity	Green blinking: link present. Fast blinking indicates traffic. Off: no link.
RJ45 port 9 speed	With link present, yellow on indicates 10/100 Mb/s. Yellow off indicates 1 Gb/s.
SFP port 10	Green on: link present. Off: no link.

Web management and troubleshooting

The web interface provides VLAN, QoS, and per-port PoE controls. If a device does not power up, check its PoE requirements, cable, and port settings. Keep the combined load within the switch's rated PoE budget. For a missing uplink, check the cable or SFP module and the link at the other end.