



DATASHEET TRASSIR TR-NS29524S-800-48PoE



TR-NS29524S-800-48PoE is a managed switch with 48 PoE 10/100/1000 Mbps PoE ports and 4 SFP 10 Gbps ports with the ability to power up the devices connected by a twisted pair.

Basic equipment

- Switch 1pcs.
- Power cable 1pcs.
- Rack mounting kit 1pcs.
- Quick User Guide 1pcs.
- Datasheet 1pcs.
- Package 1pcs.

Warranty service

- Three - year warranty service from the date of sale.
- In case of the warranty card absence, the warranty period is determined from the date of sale. You can check the detailed description of the device settings in user guidelines on our web site www.trassir.com.

Specification

Ethernet ports¹	48 x 10/100/1000 Mbps (Base-TX) SFP 4 x 100/1000/2500/10000 Mbps 1 x Console	
PoE standards	Ports 1-4: IEEE802.3af/at/bt	Ports 5-48: IEEE802.3af/at
Maximum capacity per port	Total: 800W Ports 1-4: up to 90W	
Power pinout via PoE	Ports 1-4: DC+: 1/2/4/5 DC-: 3/6/7/8	Ports 5-48: up to 30W DC+: 1/2 DC-: 3/6
Switching capacity	512 Gbps	
Transmission speed	160.71Mpps	
Buffer size	16 Mb	
MAC addresses table size	32000	
Stream management	Optional	
Data transmission range	Ports 1–48: up to 250 m (10Base-T) Cat3/4/5 UTP (PoE/Data) Ports 1–8: up to 100 m (100Base-T / 1000Base-T) Cat3/4/5 UTP (PoE/Data) Ports 49–52: up to 550 m (1G/2.5G/10G Base-SX/LX) MMF/MM (Data)	
Function	Normal mode VLAN CCTV	
PD Alive²	Supported. The port restarts 180 seconds after device connection loss	
Power Input	AC 100~240V 50/60Hz	
Lightning protection	Standard mode 6kV Differential mode 3kV	
Electrostatic discharge protection	Air discharge 10kV Contact discharge 8kV	
Maximum power consumption	825W	
Mounting	DIN rail	
Working temperature	-10°C...55°C	
Permissible humidity level	5 – 90%	
Weight, kg	5.56	
Dimensions (W xD x H), mm	440 x 360 x 45	

¹ Default network parameters(IP address: 192.168.0.1, user name: admin, password: admin).

² For more details, see the user manual for the device.

Software features

Transmission range, cable type	10BASE-T: Cat3/4/5 UTP (≤250 m) 100BASE-TX: Cat3/4/5 UTP (≤100 m) 1000BASE-TX: Cat3/4/5 UTP (≤100 m) 1000/2500/10000BASE-SX/LX: MMF/MM (2 m ~ 550 m)
VLAN	Port-based VLANs, VLAN quantity: 4096, IEEE 802.1Q VLAN
Reliability	STP support RSTP support MSTP support
Port management	Port Mirror (many-to-one port mirroring), Port Isolation, Port Flow Control: Half duplex, Full Duplex, Cable Sequence: auto-MDIX, automatic identification of straight and cross cables, Negotiation Mode: automatic support on ports
IGMP Snooping	IGMP v1/2/3 tracking support MLD v1/2 support GMRP Protocol Registration support
Security	MAC, IP, port binding support, ACL based on IP and MAC support
QoS	802.1p port queue priority algorithm COS/TOS support WRR queue scheduling WRR, SP, and WFQ scheduling models support
Network management	Console, Telnet, TFTP support SNMP v1/v2/v3 support RMON v1/v2 support RMON management support
Service	Update file download System log file Factory Configuration Restore
L3 functions	ARP, Static Routing (Ipv4), Inter-VLAN Routing, RIP v1/v2, OSPF v2 (Ipv4), ECMP, VRRP (RFC 5798), PIM-SM, DHCP Server, DHCP Relay

DATE OF SALE

DEVICE SERIAL NUMBER