



DATASHEET TRASSIR TR-NS24102S-120-8PoE



TR-NS24102S-120-8PoE is a managed switch with 8 10/100/1000 Mbps PoE ports with the ability to power up the connected devices power twisted pair.

Basic equipment:

- Switch 1pcs.
- Power cord with adapter 1pcs.
- Rack mounting kit..... 2pcs.
- Screw..... 8pcs.
- Datasheet 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.

Specification:

Model	TR-NS24102S-120-8PoE
Ethernet ports	8 x 10/100/1000 Mbps (Base-T) 2 SFP x 1000 Mbps (Base-X)
Console ports	1
Maximum capacity per port	30W
Total capacity	120W
PoE Standards	EEE802.3af/at
Power pinout via PoE	DC+: 1/2 DC-: 3/6
Switching capacity	20 Gbps
Transmission speed	41.67 Mpps
Buffer size	4.1 MB
MAC addresses table size	8000
Stream management Function	No
PD Alive¹	Autoadaptation Supported. The port restarts 180 seconds after device connection loss.
Power consumption	Built-in LED AC 100~240V 50/60HZ
Maximum power capacity	120 W
Lightning protection	Standard mode 4 kV Differential mode 2 kV
Electrostatic discharge protection	Air discharge 8 kV Contact discharge 6 kV
Permissible humidity level	10 – 90%
Working temperature	0°C...45°C
Weight, kg	1.85
Dimensions (WxDxH), mm	270 x 180 x 44.5

¹ For more details, see the user manual for the device.

Software features:

Transmission range, cable type	10BASE-T: Cat3,4,5 UTP(≤250m) 100BASE-TX: Cat5 or UTP(≤100m) 1000BASE-TX: Cat6 or UTP(≤1000m) 1000BASE-SX: 62.5µm/50µm MMF(2m~550m) 1000BASE-LX: 62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)
VLAN	Port-based VLANs VLAN quantity: 256 802.1Q 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
Security	MAC, IP, port binding support ACL based on IP and MAC support Broadcast storm protection BPDU Guard support
QoS	802.1p port queue priority algorithm COS/TOS support WRR queue scheduling WRR, SP, and WFQ scheduling models support
Channel aggregation	LACP 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

DATE OF SALE

SERIAL NUMBER