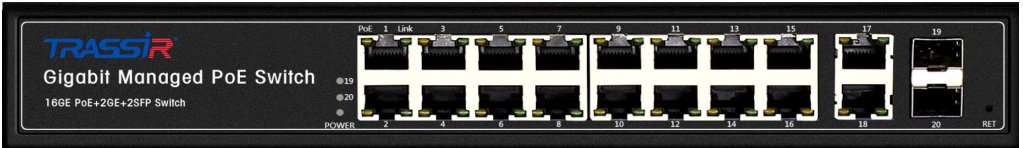




DATASHEET TRASSIR TR-NS24202S-300-16PoE



TR-NS24202S-300-16PoE is a managed switch with 16 PoE 10/100/1000 Mbps PoE ports with the ability to power up the connected devices power twisted pair.

Basic equipment:

- Switch 1pcs.
- Power cable 1pcs.
- Rack mounting kit..... 2pcs.
- Screw..... 6pcs.
- 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.
You can check the detailed description of the device settings in user guidelines on our web site www.trassir.com.

Specification:

Model	TR-NS24202S-300-16PoE
Ethernet ports	16*10/100/1000 Mbps Base-TX PoE port (Data) 2*1000 Mbps SFP Slot 2*10/100/1000 Mbps RJ-45 Uplink ports
Console ports	1*console port
Maximum capacity per port	Ports 1-2: 60W Ports 3-16: 30W
Total capacity	300W
PoE standards	All ports: IEEE802.3af/at Port 1 and 2: IEEE802.3bt (Hi-PoE)
Power pinout via PoE	DC+: 1/2 DC-: 3/6
Switching capacity	56 Gbps
Transmission speed	40.32 Mpps
Buffer size	4.1 Mb
MAC addresses table size	8000
Stream management Function	Enabled by default Autoadaptation
PD Alive¹	Supported. The port restarts 180 seconds after device connection loss
Permissible humidity level	5 – 90 %
Power Input	Built-in LED AC 100~240V 50/60HZ
Lightning protection	3KV 8/20us IP30
Power consumption	300W
Working temperature	-20°C...55°C
Weight, kg	1,4
Dimensions (W xD x H), mm	295 x 195 x 45

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: 4096, 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

DATE OF SALE

DEVICE SERIAL NUMBER